

I-95 Corridor Coalition



I-95 CORRIDOR
COALITION

Travel Information Services PTC Meeting

April 3, 2014

Meeting Requests

All Participants – in person and via webcast

- Questions will be addressed at the end of each presentation
- Please give your name and agency before asking your question (at least the first time)

Participation in person

- Please remember all sounds are picked up by the audio system

Participation via webcast

- Please keep your phone muted until asking a question or speaking (press *6 to mute/unmute individual phone lines)
- Please do not place call “on hold” as your hold music will be heard by the group

Housekeeping Items

Additional Webcast & Audio Information

- Please call 610-662-5569 for difficulties with the web or audio application

Presentations will be posted

- Presentations will be posted to the I-95 Corridor Coalition website on the [TISPTC Page](#) (on the right side under “Latest Meeting Minutes”)
- Contact Information will be available at the end of this presentation

Today's Agenda

Topic		Speakers
9:30am – 12:30pm	TISPTC Meeting	John Ward, DVRPC George Schoener & Marygrace Parker, I-95 Corridor Coalition Todd Westhuis, NYSDOT (TISPTC Co-chair) Kelly Wells, NCDOT (TISPTC Co-chair) Mary Ameen, NJTPA (TISPTC Co-chair)
12:30pm – 1:15pm	Break for lunch	
1:15pm – 3:30pm	Joint Meeting Partners Using Archived Operations Data & VPP Suite User Group	Zoe Neaderland, DVRPC (Partners Chair) John Allen, NJDOT (VPP Suite User Group Chair)

TISPTC Meeting Participants

In Person

Agency	Name	Agency	Name
FHWA	Bob Rupert	NJTPA	Keith Miller
New Jersey DOT	John Allen	Baltimore Metropolitan Council	Ed Stylc
New Jersey DOT	Andrew Ludasi	Clear Channel/TTWN	Hubert Clay
New Jersey DOT	Kelly McVeigh	Iteris	Scott Perley
New York State DOT	Todd Westhuis	Skycomp	Gregory Jordan
Pennsylvania DOT	Lou Belmonte	INRIX	Rick Schuman
Pennsylvania DOT	Mark Kopko	I-95 Corridor Coalition	Marygrace Parker
Pennsylvania DOT	Bob Pento	University of Maryland	Stan Young
Rhode Island DOT	Mike Wreh	University of Maryland/CATT Lab	Michael Pack
DVRPC	Chris King	KMJ Consulting, Inc.	Karen Jehanian
DVRPC	Zoe Neaderland		Joanna Reagle
NJTPA	Mary Ameen		Bridget Postlewaite
NJTPA	Sutapa Bhattacharjee		

TISPTC Meeting Participants

Via Webcast

Agency	Name	Agency	Name
Florida DOT	Gene Glotzbach	Virginia DOT	Sahita Lahiri
Georgia DOT	Chad Hendon	Baltimore Metropolitan Council	Victor Henry
Maryland SHA	Subrat Mahapatra	Boston MPO	Ryan Hicks
Massachusetts DOT	Pete Sutton	City of Charlotte, NC	Nabeel Akhtar
New Hampshire DOT	Denise Markow	Montgomery County Transit	Howard Benn
New Jersey DOT	Simon Nwachukwu	Metropolitan Transp. Authority (NY)	Abiyu Berlie
New Jersey DOT	Sudhir Joshi	MWCOG	Wenjing Pu
New York State DOT	Giselle Vagnini	MWCOG	Jon Schermann
New York State DOT	Rexella William	Richmond Regional PDC	Greta Ryan
North Carolina DOT	Kelly Wells	GEWI North America	Eli Sherer
South Carolina DOT	Tisha Dickerson	Jacobs (for RIDOT)	Bill Nordstrom
South Carolina DOT	Dipak Patel	TrafInfo (for RIDOT)	Deanna Peabody
Vermont AOT	Robert White	NJIT (for NJDOT)	Branislav Dimitrijevic
Virginia DOT	Scott Cowherd	Villanova University	Seri Park
Virginia DOT	Mena Lockwood	Coalition Support	Dotty Drinkwater

TISPTC Meeting Agenda

Topic		Speaker
9:30am to 9:35am	Housekeeping Items	Karen Jehanian, KMJ Consulting
9:35am to 9:45am	Introductions & Agenda	Todd Westhuis, NYSDOT (TISPTC Co-chair)
	Welcome from DVRPC & the I-95 Corridor Coalition Coalition Update	John Ward, Deputy Planning Director, DVRPC George Schoener, I-95 Corridor Coalition
9:45am to 10:00am	TISPTC & VPP Project Updates <ul style="list-style-type: none"> • General Overview • Traveler Info Stats for Major Travel Days • Significant Event Coordination 	Marygrace Parker, I-95 Corridor Coalition Kelly Wells, NCDOT (TISPTC Co-chair)
10:00am to 11:15am	Agency Roundtable Discussion <ul style="list-style-type: none"> • Traveler Info Systems (511, 23CFR511) including significant events support • Use of Archived Data for Planning/ Performance Measures • Sponsorship Effort Updates • Innovative Practices (including use of social media) 	Agency Members (DOTs and MPOs) Todd Westhuis, NYSDOT (TISPTC Co-chair) – Facilitator
11:15am to 12:15pm	Coalition Work Plan Development: Program Year (2014-2015) <ul style="list-style-type: none"> • Overall Status • TISPTC Project Ideas 	Mary Ameen, NJTPA (TISPTC Co-chair)
12:15pm to 12:30pm	TISPTC Upcoming Events and Meeting Wrap Up	Todd Westhuis, NYSDOT (TISPTC Co-chair)
12:30pm to 1:15pm	Break for Lunch	

**Welcome
from DVRPC &
the I-95 Corridor Coalition**

**John Ward, Deputy Planning Director
DVRPC**

**George Schoener, Executive Director
I-95 Corridor Coalition**

Coalition Update

George Schoener

**I-95 Corridor Coalition,
Executive Director**

TISPTC & VPP Project Updates

Kelly Wells

NCDOT & TISPTC Co-Chair

Marygrace Parker

I-95 Corridor Coalition

TISPTC Projects (1 of 5)

#	Project Name/Info	Project Description	Status
TIS 1	<p>Volume and Origin Destination Data from Third Party Sources (Q1 2014 – Q2 2015)</p> <p>Funding: MCOM2: \$500K</p> <p>Member Lead: Evaluation Team for VPP Re-compete</p>	<p>Investigate the possibility of procuring real-time volume and origin-destination (O-D) data from 3rd parties similar to how probe data is currently being procured through the Coalition.</p> <p>Incorporate the real-time volume and OD data into agency and Coalition performance management and planning tools.</p> <p>(This project began in MCOM1 with the RFI part of MCOM1.)</p>	Being included as part of the VPP re-compete effort.
TIS 2 & TIS 3	<p>Significant Event Coordination: Closing the Data Gaps & Regional Information Sharing Initiatives: Closing the Data Gaps (Q2 2013 – Q4 2014)</p> <p>Funding: (2) MCOM2: Part of \$200K for Closing Real-Time Data Gaps and (3) MCOM1: part of \$710K for Data Archive/Analysis & MCOM2: part of \$200K for Closing Real-Time Data Gaps</p> <p>Member Lead: Significant Events Working Group</p>	<p>TIS 2: Coalition is working with member agencies to identify current data sharing and coordination practices for significant events and assisting member agencies in closing these gaps.</p> <p>Part 1 - Identify what information and data is shared between agencies and to travelers and where gaps existing in data sharing.</p> <p>Part 2 - Assist in closing information gaps between operating agencies and ensuring consistent information flows during significant event by providing multi-agency coordination support.</p> <p>TIS 3: This project integrates various agency ATMS data feeds, standardizing the disparate incident, event, and construction data, re-disseminating the information, and visualizing the real-time data for operations and traveler information purposes.</p> <p>TIS 3 supplements the Significant Event Coordination group and the previously noted “Closing the Gap” initiative by focusing on integration of data and visualization of real-time data.</p> <p>(Projects also related to TIS 4, TIS 6)</p>	Information gathering underway.

TISPTC Projects (2 of 5)

#	Project Name/Info	Project Description	Status
TIS 4	<p>Significant Event Coordination: Create a Robust Portal to I-95 Coalition and Agency Traveler Information Sites to include</p> <p>Agency:</p> <ul style="list-style-type: none"> • 511 Services • Agency Apps • Other Resources <p><i>(Q1 2014 – Q3 2014)</i></p> <p>Funding: MCOM1: Part of \$100K for Coalition Website Enhancements</p> <p>Member Lead: Outreach underway to identify</p>	<p>Consolidate data feeds and other traveler information services from “regional information sharing initiatives,” existing 511 programs, and 3rd party applications into a prominent location on the new Coalition Website to help the public obtain better real-time traveler information and to help agencies promote their existing services.</p> <p>(Project related to TIS 2, TIS 3, TIS 6)</p>	<p>Information gathering underway</p>
TIS 5	<p>Develop Traveler Information Stats in Preparation for Major Travel Days (Thanksgiving, Memorial Day) for States to Use in Press Releases</p> <p><i>(Q1 2014 – Q4 2014)</i></p> <p>Funding: Coalition</p> <p>Member Lead: Kelly Wells, NCDOT Mena Lockwood/ Sanhita Lahiri, VDOT</p>	<p>The Coalition is working to prepare and disseminate a consolidated set of historic data that can be used by agencies’ PR throughout the corridor in advance of major holidays (Thanksgiving and Memorial Day).</p>	<p>Kick-off conference call held on February 28, 2014. NCDOT & VDOT provided guidance on linked maps that UMD CATT Lab will prepare to illustrate the historical congestion on selected roadways. Soft Launch anticipated for Labor Day 2014.</p>

TISPTC Projects (3 of 5)

#	Project Name/Info	Project Description	Status
TIS 6	<p>Coalition-wide Real-Time Work Zone Map (Q2 2014 – Q3 2014) Funding: Coalition</p> <p>Member Lead: Outreach underway to identify</p>	<p>Building off of other Coalition Regional Information Sharing initiatives, this project will ensure that work zone information from agencies that are willing and able to provide their data, will be displayed as a part of the Coalition's regional traveler information map. (Project related to TIS 2, TIS 3, TIS 4)</p>	<p>Planning to begin integration of work zone data into the Coalition's regional transportation system map.</p>
TIS 7	<p>Vehicle Probe Project Data:</p> <ul style="list-style-type: none"> • Acquisition • Re-compete <p>(Q3 2013 – Q2 2014)</p> <p>Funding: MCOM2: \$1,230K</p> <p>Member Lead: VPP Project Team</p>	<p>Enable member agencies to better monitor real-time performance, meet emerging MAP-21 requirements, and provide traveler information by supporting the acquisition and integration of a comprehensive set of data, and by providing and promoting the use of tools to archive, access and analyze that data for planning level and performance management purposes.</p> <p>Re-compete - The Coalition and UMD, with an Evaluation Team (comprised of member agency representatives), have solicited vendors who can provide vehicle probe data to Coalition members. The Coalition is currently using INRIX for data but that contract expires at the end of June 2014.</p>	<p>Existing Project: On-going.</p> <p>Re-compete: RFPs currently under review.</p>
TIS 8	<p>Data Archiving, Access and Analysis Tool Expansion (Q3 2013 – Q3 2014)</p> <p>Funding: MCOM1: (1) \$150K and (2) part of \$710K for Data Archive/Analysis</p> <p>Member Lead: John Allen, NJDOT/Zoe Neaderland, DVRPC</p>	<p>1 - As part of this project the Coalition will continue support of the VPP Suite User Group, coordinate with the Partners Using Archived Operations Data and continue MPO outreach.</p> <p>2 - This project will expand and enhance the Coalition-wide transportation data information system to make use of available member operations data (e.g., incident data, sensor data and video) as well as national weather data sets, and present users with a comprehensive set of analysis, visualization and data access tools. (formerly TIS 9)</p>	<p>(1) Ongoing</p> <p>(2) Continued work with states to integrate detailed data directly into RITIS archive and to provide volume data for User Delay Cost Analysis.</p>

TISPTC Projects (4 of 5)

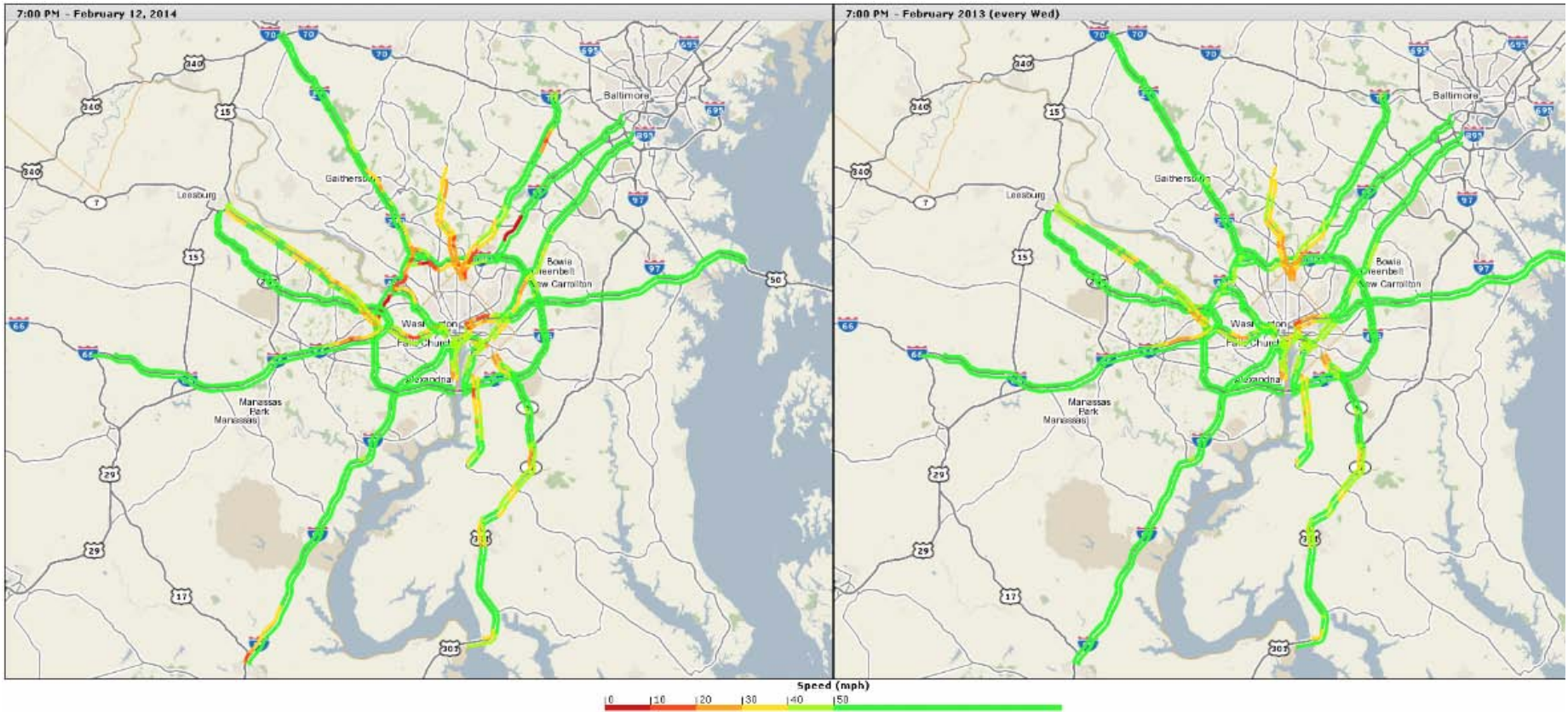
#	Project Name/Info	Project Description	Status
TIS 9	<p>Performance Monitoring, Coordination, Planning for MAP-21 (In progress – Q4 2014)</p> <p>Funding: MCOM2: \$635K</p> <p>Member Lead: John Allen, NJDOT</p>	<p>This project focuses on enhancing the Vehicle Probe Project suite based on a list of prioritized enhancements from member agencies. These enhancements will further aid agencies in meeting their MAP-21 reporting requirements, project prioritization, operations, and congestion analysis. (formerly TIS 8)</p>	<p>Planning to begin working with member agencies to revise and enhance core performance measures to align with MAP-21.</p>
TIS 10	<p>Vehicle Probe Project: Research and Capacity Building (Q3 2013 – Q2 2014)</p> <p>Funding: MCOM1: \$143K</p> <p>Member Lead: VPP Project Team</p>	<p>The Coalition-continues to invest in research and capacity-building activities to enhance the value of the VPP to our member agencies. Activities include: Achieving Quality Travel Time/Speed on Arterials, Traffic Message Channel Codes: Impact and Use with the Coalition, Integrating Real-Time Volume Data; and, Travel Time On-Line Course.</p>	<p>Arterials Report quantifying the findings of applying the CRD validation method expected in Spring 2014. Conducting an Arterial Performance Measures Symposium, with TTI, in June 2014. Travel Time On-line Course content is under development and the online version should be available in Fall 2014.</p>

TISPTC Projects (5 of 5)

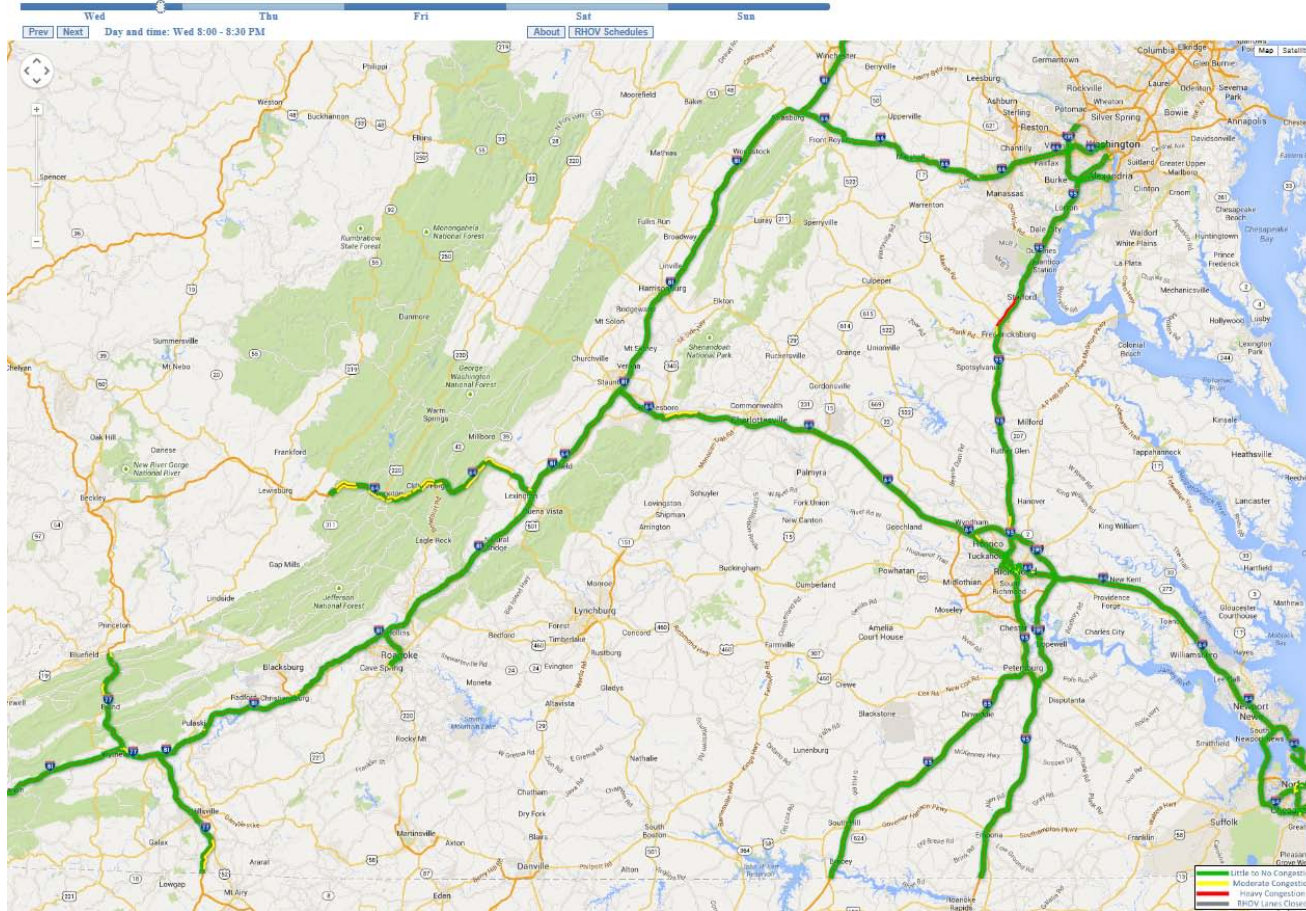
#	Project Name/Info	Project Description	Status
TIS 11	<p>Optimal Traffic Monitoring Strategies with Probe and Sensor Data (Q4 2014) Funding: MCOM2: \$65K</p> <p>Member Lead: TBD – outreach underway to determine.</p>	<p>This initiative provides guidance to coalition members for planning traffic data acquisition to meet a variety of agency needs. With the growing use of outsourced probe data, development of new data collection technologies and services, and prevalence of legacy sensor investments, many agencies are re-examining how best to architect their traffic monitoring and management systems for value and efficiency. This initiative researches these needs and available traffic data sources and technologies, with the end goal of providing guidance to member agencies concerning the type, quantity, and quality of traffic data required to meet existing and anticipated needs of operations and planning, including reporting requirements of the recent MAP-21.</p>	<p>Planning to begin study in Spring 2014 for development of agency guidebook.</p>

Holiday Travel Stats Project

- Champions
 - NCDOT
 - VDOT
- Planned info
 - Maps to illustrate historical congestion
- Anticipated timeframe
 - Soft Launch anticipated for Labor Day 2014



Trend Map Examples



VDOT Map Example

Significant Events Activities

- **Projects:**
 - Significant Event Coordination: Closing the Data Gaps (2)
 - Regional Info Sharing Initiatives: Closing the Data Gaps (3)
 - Robust Portal to I-95 Coalition and Agency Traveler Information Sites (4)
 - Coalition-wide Real-Time Work Zone Map (6)
- **Upcoming survey on Data Sharing**
 - Agencies will be asked to complete on-line survey

Agency Updates on Travel Info: A Roundtable Discussion



Participating Agency Members (DOTs and MPOs) from North to South

Todd Westhuis, NYSDOT - Facilitator

Coalition Work Plan Development: Program Year (2014 – 2015)

**Mary Ameen
NJTPA & TISPTC Co-Chair**

Work Plan Development: Program Year (2014-2015)

Timeframe:

- Through Mid-March 2014: Solicit Project Ideas from Agency Members
- March 21, 2014: Project Ideas due
- April 3, 2014: Discuss, Vet and Prioritize work effort
- Mid-April 2014: Leadership and Staff Summarize proposed plans for Steering Committee Review
- Late May 2014: Steering Committee submits Consolidated Coalition Work Plan to the Executive Board for Approval

TISPTC Focus Areas

Coalition Work Plan Focus Areas: 2014 - 2015

1. Significant Events
2. Support Collaboration and Sharing of Best Practices for TISPTC Members
3. Progressing VPP Activities
4. Planning and Performance Measures

Focus 1: Significant Events

Weather Operations Strategies

- Examine outcomes as may be identified in winter weather workshop to be held fall 2014 in the NE region and share approaches that may be usable by other member states/regions.
 - Determine data and processes from these strategies that may be used in providing/improving travel info.
 - Conduct additional workshops/webcasts as needed.

Focus 1: Significant Events

(continued)

Winter Travel Conditions in Advanced Traffic Management Systems

- Determine best practices for collecting & reporting weather related travel conditions by public agencies
 - In house systems and/or
 - Commercially available off-the-shelf (COTS) products
- Focus on mid-Atlantic/Southern region (MD, DC, VA, NC, SC & GA)
- Conduct webcast to identify current practices in these states
- Hold follow-up webcast for vendors to demonstrate their weather ATMS/ATIS capabilities

Focus 2: Support Collaboration and Sharing of Best Practices for TISPTC Members

Advance communication and collaboration and best practice sharing on focus areas/member activities for TISPTC

- Through Committee meetings, webcasts, surveys,
 - Meetings/webcasts/surveys may include:
 - Sponsorship
 - MAP-21/23CFR511
 - Winter Weather/Significant Events & Use of Social Media
 - Other webcast – TBD based upon member interest
- Information/Communication activities
 - Enhance Commercial Vehicle Travel Info (with Intermodal Committee)
 - Best Practice sharing to encourage agencies to improve CV travel information & collaborate on ways to “make available” underlying agency CV data sets (i.e. truck routing, bridge/height/construction restrictions etc.)
 - Support member discussions, surveys, distribution of materials, etc.
 - (i.e. Agency Roundtable discussions, Text Stop One Pager)

Focus 3: Progressing VPP Activities

Continue enhancing VPP Activities through support of VPP program collaboration and enhancement of Suite Tools

- Vehicle Probe Data Course
 - Prepare/conduct a Course Program to leverage the Coalition's Vehicle Probe Project
 - Modules would acquaint new users to VPP data and available products and make accessible documentation for developers and analysts.
- Provide on-going support of VPP Project and activities
 - VPP Project Team
 - MPO Outreach



Focus 3: Progressing VPP Activities

(continued)

- Standardization of Traffic Message Channel Codes to enhance Vehicle Probe Data and influence agency needs in road segmentation standards
 - Coalition participation in the standards process to provide long-term strategic benefits to public agencies
 - i.e., Engage a focus group within the Coalition and with national experts for information exchange, participate in national standards group, contribute to education and process in this area, etc.

Focus 4: Planning and Performance Measures

- Continue participation in dialogue/activities related to data for planning and performance measures, particularly across jurisdictional boundaries
 - As applicable, coordinate with other organizational activities
 - i.e., AASHTO, FHWA, TRB, DVRPC
- Examine whether/how freight data may be integrated into these activities (work with Intermodal Committee)
 - i.e., Identify needs/ sources (i.e. Federal NPMRDS data, FAF, VPP data, agency specific data), and opportunities related to freight data
 - Results may suggest initiatives to better assist agencies with freight data and tools (i.e. renewed use of ICAT, VPP tool enhancements, the acquisition of Corridor wide freight information in a manner similar to the VPP, etc.)

Questions/Discussion on Work Plan

Work Plan Development: Program Yr 2014-2015

Next Steps

Today's Steps:

- Confirm continued advancement of current work plan activities
- Discuss, prioritize committee's interest in advancing focus areas and potential activities discussed today

April 2014 – May 2014

- TISPTC leadership and Staff Summarize proposed plans for Steering Committee Review

May 2014

- Steering Committee submits Consolidated Work Plan to the Executive Board for Approval at May 28, 2014 Board Meeting

TISPTC Upcoming Events & Meeting Wrap Up

Todd Westhuis

NYSDOT & TISPTC Co-Chair

Coalition Meetings of Interest

- I-95 Corridor Coalition Freight Academy
 - April 27 - May 2, 2014
- Vehicle Probe Project (VPP) Team Webcast
 - May 7, 2014 (tentative)
- Executive Board/Leadership Meeting
 - May 28, 2014 at the AASHTO Spring Meeting (Louisville, KY)
- TISPTC Meeting/Webcast
 - October/November 2014 (*Date/Time to be determined*)
- Significant Events Workshops (Coalition wide & NE Region)
 - Fall 2014 (*Dates to be determined based upon work plan process*)

Other Meetings of Interest

- AASHTO SSOM Meeting (Nashville, TN)
 - May 5 – 9, 2014
- AASHTO Spring Meeting (Louisville, KY)
 - May 28 – May 30, 2014
- NASTO Annual Conference (Portsmouth, NH)
 - June 8 – 10, 2014
- NATMEC Conference (Chicago, IL)
 - June 29 – July 2, 2014
 - Arterial & Data Monitoring Symposium (UMD & TTI) – June 29th 1:30pm – 5:00pm
- ITE Annual Meeting and Exhibit (Seattle, Washington)
 - August 10 –13, 2014
- SASHTO Annual Meeting (New Orleans, Louisiana)
 - August 23 –27, 2014

Thank You



**I-95 CORRIDOR
COALITION**

Additional Information

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