



## Vehicle Probe Project Committee Monthly Status Webcast February 23, 2011 Minutes

Participants – see attached

### Agenda

Topic		Speaker
1	Introductions and Welcome	Bill Stoeckert
2	Review of Action Items from previous webcasts	Karen Jehanian
3	Communications Update	Karen Jehanian
4	INRIX Update	Rick Schuman
5	Data Validation	Stan Young
6	Contract Issues and Year 19 Update	Kathy Frankle
7	Long Distance Trip Planner	Karen Jehanian
8	Agency Questions and Updates	All
9	Participation in Meetings/Conferences	Karen Jehanian
10	Review of Action Items from this call	Karen Jehanian
11	Selection of Date for Next Webcast	All

#### **1. Introductions and Welcome**

Bill Stoeckert opened the webcast at 10:30 a.m. by welcoming everyone and thanking those participating, both regularly attending agency members and the representatives of the participating MPOs. Bill noted that he is the I-95 Corridor Coalition representative for this month's webcast as George Schoener had a schedule conflict. The following is a summary of the discussion. These meeting minutes, the webcast presentation and all Vehicle Probe Project (VPP) information are available at:

<http://www.i95coalition.net/i95/Projects/ProjectDatabase/tabid/120/agentType/View/PropertyID/107/Default.aspx> (Most documents may be found on the 'Highlights' page).

#### **2. Review of Action Items from previous webcasts**

Karen Jehanian reviewed the status of each action item from the January 20, 2011 webcast and noted that ongoing items will be discussed during this webcast.

#### **3. Communications Update**

Karen Jehanian reviewed the correspondence sent to the project team and the website postings since the last webcast. She summarized the list of VP system integration meetings and webcasts over the past two years. Karen reminded participants that any agency who would like to have a meeting with the VPP Management Team should contact Joanna Reagle at [jreagle@kmjinc.com](mailto:jreagle@kmjinc.com)



#### **4. INRIX Update**

Rick Schuman began by presenting the project statistics about the service availability for January 2011 (100%). He noted that a failed power distribution unit at the data center (on Thursday, February 4, 2011 for 1 hour and 38 minutes and on Tuesday, February 9, 2011 for 1 hour and 21 minutes) will impact February availability statistics by ~0.5%. Rick noted that as of February 10, 2011, use of the monitoring site grew to 419. The data feed participation dropped by two accounts to 40, and archive requests are at 506 since launch. As previously mentioned, archive requests can be very specific and limited or very large in terms of time period and scope. In either case, the requests are counted individually regardless of size.

Rick provided information on the next Map update which is planned for release on April 4, 2011. He noted that this update would include changes made to the maps through September 2010 and the Traffic Message Channel (TMC) would be version 3.7. Rick stated that VPP impact analysis and the TMC "Add/Trim" list are complete and that INRIX is notifying feed users regarding the upcoming schedule and impact.

Rick noted that from 12/6/2010 to 1/21/2011, the archive provided historical data only and did not include real-time data. Those who made requests over the time period were informed of the issue. The archive is now fixed, populated and running correctly. The Coalition is working with the University of Maryland to provide a "backup" DVD to populate UMD PM tools to fill in previous gaps and when UMD cannot access the real-time feed.

#### **5. Data Validation**

Stan Young reviewed the Data Validation effort to date. He discussed the table titled "Data Validation Status" noting that the Delaware November 2010 highlights were presented and the report was published. Stan also noted that the sensors were recently collected in South Carolina and should be deployed in North Carolina on March 1, 2011. He indicated that NJ validation is targeted for March/April/May 2011 and will concentrate on ramps.

Stan reviewed the validation results for Delaware (data collected November 3, 2010 through November 17, 2010). The data was collected on nine freeway segments on I-95, I-295, I-495, and Route 1 in Northern Delaware. Stan reviewed the validation chart for the Delaware November 2010 effort which depicts values that are all well within specifications, and reflect solid data collection and validation results.

Stan presented the payment calculation for December 2010 noting that INRIX earned 100% of their payment and a 2.5% offset credit. Stan also reviewed the State Comparison of Hours of Validation and noted that all data has been consistently over 1000 hours and congestion samples have been consistently over 50 hours.



Next, Stan presented a Delaware historical data analysis using the following table which compares Delaware real-time freeway data versus historical, reference and 55 MPH speeds. Stan noted that this analysis measures recurring versus non-recurring congestion and that the use of speed bins is critical.

SPEED BIN	Comparison of AASE Performance against SEM Band				
	All Freeway Data - 24 Hours a Day*				
	Real-Time Data	Historical Speed	Reference Speed	55 MPH**	Hours
0-30	3.9	18.5	37.2	32.7	37.9
30-45	6.2	8.4	18.2	14.3	43.7
45-60	1.6	3.1	2.0	1.0	438.5
60+	2.0	3.7	2.3	7.8	1001.2
ALL	2.1	4.0	3.6	6.8	1521.3

\* Data taken from Nov 2010 VPP validation \*\* Only daytime data

Stan concluded by noting that ongoing efforts include volume analysis, more in depth analysis of the Delaware arterial validation, score analysis and filtering, and C-value analysis and filtering.

**6. Contract Issues and Year 19 Update**

Bill Stoeckert reviewed the DUA status and noted that Rhode Island DOT and the South Jersey Transportation Authority have both recently signed DUAs in February 2011. He also noted that PennDOT is looking into adding additional expansion and participation through Telvent.

Bill reviewed the states that have committed to participating in the VPP for Year 19 (with the 50/50 option), noting that Rhode Island DOT recently committed to the project and PennDOT is working out contract issues to participate. In addition, Georgia DOT is currently working with UMD.

Bill noted that the first contract extension (7/1/2011 thru 6/30/2014) has been awarded and that the contract renewal term structure is being revised as illustrated in the following table.

	Extension 1 (through 6/30/2014)	Extension 2 (through 6/30/2016)	Extension 3 (through 6/30/2018)
<b>Freeway</b>	<i>same rate (\$750/mile)</i>	\$800/mile	\$825/mile
<b>Mobilization</b>	<i>no fee</i>	\$160/mile	\$165/mile
<b>Arterials</b>	Current "donated arterials" (~1000 miles) continue at no cost Additional arterials ("as is" quality) – \$187.50/centerline mile *		
<b>Ramps</b>	No cost for ramps INRIX covers if both roads at interchange are covered either via contract or donation ("as is" quality)		



Bill noted that arterial data is not subject to validation or accuracy requirements. The minimum purchase is 100 centerline miles of arterials within a state or region. In the event that a state or region has attained its “full freeway coverage” the agency has the option to acquire all other roads on which INRIX reports real-time data in the state or region for a single fee of 25% of the collective “full freeway coverage” price. If an agency member has a question regarding the purchase of arterial data, they should contact Rick Schuman or Kathy Frankle.

## **7. Long Distance Trip Planner**

Karen Jehanian provided an overview of the Long Distance Trip Planner (LDTP) project. She noted that the LDTP website provides real-time traffic conditions and real-time travel times between many cities/major locations along the East Coast. She also noted that the Long Distance Trip Planner website was scheduled to end as of May 31, 2011 and was not included in the TISPTC’s Year 19 submission.

Karen stated that questions from last month’s meeting regarding the life of the LDTP precipitated discussion by the Coalition, specifically, questions raised by VDOT regarding their use of the LDTP for public map displays at Virginia Welcome Centers and the Tysons Corner Center Mall as well as the use of the data for Year 19 performance measures. She noted that Trip planner activity was documented for the holiday time period and a conference call was held to discuss the results and to consider the alternatives regarding the future of the project. The Coalition concluded that the LDTP website should be continued for an additional year with increased marketing by the agencies and that the website usage will be monitored to determine the benefit to the Coalition members and the need for additional funding.

Karen noted that a survey of current connections to the LDTP website was conducted. 511 and member agency websites were visited to find connections to the I-95 Corridor Coalition LDTP website. Eight states were found to have a link to the LDTP website including Rhode Island, New York, Pennsylvania, Virginia, North Carolina, South Carolina, Georgia, and Florida. Karen noted that the more prominent the link was on the agency website, the easier it was to navigate to the LDTP website, such as North Carolina. Using Google Analytics, the greatest number of referral hits to the LDTP website was found to come from the North Carolina website.

The Coalition requests that all member agencies provide a link to [www.i95travelinfo.net](http://www.i95travelinfo.net) in a prominent location from your 511 or agency website and label the link with the user in mind as a “Multi-State Trip Planner”. In addition, the Coalition requests that member agencies advise travelers prior to a major event (such as a snow storm or holiday) that this resource is available. Scott Silva (VDOT) thanked the Coalition for their efforts.

## **8. Agency Questions and Updates**

Karen Jehanian opened the floor to agencies using the Vehicle Probe Project data to ask questions and provide updates.

- Dan Campbell (SCDOT) indicated that they are integrating VPP data into their software and displaying travel time information on their VMS signs. This application has been live statewide for over a year. He noted that the VMS signs are only active when the data deviates from normal for more than five minutes. They are receiving positive feedback on the use of this application.



- Hugh Colton (Georgia DOT) noted that they are close to reaching an agreement with the Coalition for participation in the VPP.
- Jeffrey Vernick (NJTPA) thanked the Coalition and indicated that they are looking at the data for performance measures.
- Jim Hadden (NJDOT) asked that a protocol be distributed by INRIX on how agencies are notified when issues occur and there is a stoppage in real-time data.
- Wenjing Pu (MWCOCG) asked for an update on the Performance Measures work by UMD CATT lab with the Vehicle Probe Project data.

**9. Participation in Meetings/Conferences**

Karen Jehanian briefly reviewed the upcoming meetings for 2011 including the TRB Annual Meeting, the I-95 CC Travel Information Services Program Track Committee Meeting/Webcast, ITE Meetings (Technical Conference and Annual Meeting), the TRB - 4th International Transportation Systems Performance Measurement Conference, and the ITS World Congress. She invited any agency using the VPP data to contact her if they would like to share their experience with the VPP data at any of these meetings.

**10. Review of Actions Items from this Webcast**

The following action items were generated from the webcast:

#	Responsible Party	Action Item
1	VPP Management Team	Prepare a one-page fact sheet regarding the contract costs (based on the extension)
2	VPP Management Team	Send email to member agencies requesting a prominent link to the Long Distance Trip Planner website. Information will also include the current placement and the ease/difficulty of locating existing links.
3	INRIX	Distribute protocol addressing notification of a real-time data service disruption to agencies participating in the Vehicle Probe Project.
4	VPP Management Team	Provide an update on the status of the Performance Measures Tool developed by the University of Maryland CATT Lab

**11. Selection of Date for Next Project Team Webcast**

A date for the next meeting was proposed and reviewed by the participants. It was agreed that **Thursday, April 14, 2011 at 10:30 a.m.** was acceptable. Any questions in the meantime should be directed to:

- Stan Young at 301.403.4593 or [seyoung@umd.edu](mailto:seyoung@umd.edu)
- Rick Schuman at 407.298.4346 or [rick@inrix.com](mailto:rick@inrix.com)
- Karen Jehanian at 610.228.0211 or [kjehanian@kmjinc.com](mailto:kjehanian@kmjinc.com)
- Contract expansion issues should be directed to Kathy Frankle at 410-414-2925 or [kfrankle@umd.edu](mailto:kfrankle@umd.edu)

Karen Jehanian thanked the Committee members for their time and valuable input. The conference call was adjourned at approximately 11:45 AM.



**Minutes  
Vehicle Probe Project Committee  
Webcast/Conference Call  
February 23, 2011**

**PARTICIPANTS**

<b>I-95 Corridor Coalition:</b>
Bill Stoeckert

<b>Vehicle Probe Project Webcast Attendees:</b>	
Scott Silva, Scott Cowherd	Virginia DOT
Jennifer Portanova	North Carolina DOT
Jim Hadden	New Jersey DOT
Gene Glotzbach	Florida DOT
Hugh Colton, Mark Demidovich	Georgia DOT
Mike Bowman, Dan Campbell	South Carolina DOT
Kate Hartman	RITA/ITS Joint Program Office
Wenjing Pu	MWCOG
Uzoma Anukwe, Keith Miller, Jeffrey Vernick	North Jersey Transportation Planning Authority, Inc.
Zoe Neaderland, Claire Beck, Jesse Buerk	DVRPC
Tiffany Tran	Richmond Regional Planning District Commission
Bob Rupert	FHWA
Stan Young	University of Maryland
Rick Schuman, Jeff Summerson, Pete Costello	INRIX
Todd Kell	PBS&J
Phil Tarnoff	Consultant
<b>Vehicle Probe Committee Members – Not in Attendance</b>	
Delaware DOT, New York State DOT, Pennsylvania DOT, Maryland SHA/CHART	

<b>Consultant Support Staff:</b>
Karen Jehanian, Joanna Reagle, David Hedrick KMJ Consulting, Inc.