



Vehicle Probe Project Committee Monthly Status Webcast January 20, 2011 Minutes

Participants – see attached

Agenda

Topic		Speaker
1	Introductions and Welcome	Bill Stoeckert
2	Communications Update	Karen Jehanian
3	INRIX Update	Rick Schuman
4	Data Validation and Arterial Data Quality Update	Stan Young
5	Direction of Validation	Stan Young
6	Vehicle Probe Year 19 Update	Bill Stoeckert
7	Contract Update	Kathy Frankle
8	Agency Questions and Updates	All
9	Participation in Meetings/Conferences	Karen Jehanian
10	Review of Action Items from this Webcast	Karen Jehanian
11	Selection of Date for Next Project Team Webcast	All

1. Introductions and Welcome

Bill Stoeckert opened the webcast at 10:00 a.m. by welcoming everyone and thanking those participating, both regularly attending agency members and the representatives of the participating MPOs. Bill noted that this would be his final monthly status webcast as he is retiring. He stated that until his replacement is hired, George Schoener would be overseeing the VPP for the Coalition and that KMJ staff would field any questions. Karen thanked Bill Stoeckert on behalf of the project team for all of his hard work with the Coalition over the years. 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. 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



3. INRIX Update

Rick Schuman began by presenting the project statistics about the service availability for November 2010 (99.34%) and December 2010 (100%). He noted that service availability in November was not 100% due to issues with data reporting only “20” scores for 6hr, 10 min (5:03 – 11:13 PM EST) on November 17th. Rick noted that as of January 5, 2011, use of the monitoring site grew to 414. The data feed participation dropped by one account to 42, and archive requests have increased to 506 (+12 since last report). 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 the time and effort required to complete.

Rick provided information the next Map update which is currently planned for release in early April 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 INRIX would provide more information in February and give all users six to eight weeks advance notice before the changes are made.

Rick presented the upcoming “SYNC Destinations” Mobile App by Ford and the Toyota “Entune” System by Toyota and how they will both use INRIX data to provide their users with real-time traffic information. He noted that this will also increase their data pool for the Vehicle Probe Project.

4. Data Validation and Arterial Data Quality Update

Stan Young reviewed the Data Validation effort to date. He discussed the table titled “Data Validation Status” noting that the Virginia September 2010 initial report used some historical data instead of real-time data and was subsequently reprocessed in December 2010. Stan noted that the Maryland October 2010 report was published and reported last month. Stan also noted that the Delaware November 2010 draft report is pending state review. He indicated that validation is scheduled for January 2011 in North Carolina and February 2011 in South Carolina.

Stan reviewed the validation results for Virginia (data collected September 8, 2010 through September 16, 2010). The data was collected on 14 freeway segments on I-95 between Washington DC and Fredericksburg. He noted that all data was within specification for data quality. Stan reviewed the validation chart for the Virginia September 2010 effort which depicts values that are well within specifications, and reflect solid data collection and validation results.

Stan noted that the cumulative data from the five validation efforts in Virginia represents more than 6,300 hours of observations with more than 670 hours of congestion data. The absolute average speed error and the speed error bias are within specification for all speed bins.

Stan presented the payment calculation for November 2010 noting that INRIX earned 100% of their payment and a 2.24% offset credit. Stan also reviewed the State Comparison of Hours of Validation and noted that consistent amounts of congestion data have been obtained.



Stan next presented the results of the September 2010 Virginia validation arterial validation which included two roadway segments, each 2.3 miles in length on Route 1 northbound and southbound. The arterial studied included two different types of roadways (four-lane, no curb, undivided and four lane, curb and gutter, divided) with a traffic signal at each end. Stan reviewed the conclusions stemming from the Virginia validation arterial summary. He noted that the estimated traffic volumes of 9000 to 12000 AADT may be insufficient, no congestion or slowdowns were observed in the validation data and a low amount of real-time data was found.

Stan next presented ongoing analysis related to data validation. Currently, a volume analysis is being conducted based on Maryland ATR data. The performance of historical data is being evaluated to see how good it truly is. Additionally, a C-Value analysis is being conducted to determine how to best use the C-Value and to determine its benefits.

Stan also provided an update on the arterial data quality effort noting that an Arterial Briefing/Webcast was held on December 16, 2010 with the sub-committee. He reviewed the next steps which include evaluating existing arterial validation data sets in light of the white paper direction, directed data collection for 2011 to determine types, volume, and signal density and to test accuracy specs and validation procedures.

5. Direction of Validation

Stan Young gave a report on the direction of validation including the freeway validation trends for 2010. A discussion ensued regarding agency preferences for data validation moving forward. Jim Hadden (NJDOT) indicated that he would like to focus more on freeways and ramps rather than arterials, which have more variables. Jim also indicated that he would be in favor of reducing the mainline validation to allow for more ramp analysis.

Rick gave a ramp update emphasizing the ability to validate highway-to-highway ramps in the top 100 markets. He noted that validation is conceivable for every highway to surface ramp for the top 20 markets.

Scott Silva (VDOT) noted that they are comfortable with the freeway data that they are receiving and are currently more interested in validation of major arterials.

An overall consensus was reached regarding scaling back of major freeway emphasis to concentrate on ramps and arterials.

Hugh Colton (GDOT) indicated that they are using some expensive methods to verify arterial corridors and would like to consider the VPP validation. They currently provide no information on arterials.

6. Vehicle Probe Project Year 19 Update

Bill Stoeckert reviewed the states that have committed to participating in the VPP for Year 19 (with the 50/50 option) and they include: New Jersey, Delaware, Maryland/Washington DC, Virginia, North Carolina, South Carolina and Florida. Three states are currently considering participation in the VPP for Year 19. Those states are: Rhode Island, Pennsylvania and Georgia.



Next, Bill presented a review of the features available in Year 19 to agencies (see table below).

	Monitoring Site (viewing only)	Archived data	Real-time data feed	RITIS (Performance measures)
Participating agencies with signed DUA	All covered roadways	All covered roadways	All covered roadways	All covered roadways
Non-participating agencies with signed DUA	In your state, I-95 only	In your state, I-95 only	Not available	In your state, I-95 only
Non-participating agencies without signed DUA	Not available without signed DUA	Not available without signed DUA	Not available	Not available without signed DUA

Bill noted that any questions should be directed to Karen Jehanian or Joanna Reagle.

7. Contract Update

Kathy Frankle reviewed the DUA and expansion status of the core states and other coalition members. She noted that she is working with PennDOT on Year 19 commitment and with VDOT on expansion.

Kathy noted that the contract with INRIX was extended for three years from July 2011 through June 2014. She stated that the mobilization fees are waived for new miles and annual data fees remain \$750/mile/year. In addition, the 900 miles of currently “donated arterials” continue to be provided without cost and any new arterials (up to the freeway mileage covered in the state or region) are covered for 25% of the freeway coverage price. If all of the freeways in the state/region are covered, then all arterials in the state/region are provided for 25% of the total freeway coverage price. The data quality for arterials will be “as is” and not subject to quality penalties. Kathy also noted that ramps will be donated subject to the following guidelines: where TMC coverage is available and INRIX reports; where both roads in the interchange are under contract for coverage; and “as is” data quality which is not subject to contract quality expenses.

8. Agency Questions and Updates

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

- Scott Silva (VDOT) asked if the Long Distance Trip Planner is to remain after May 2011. Bill Stoeckert noted that monitoring of the use of the Long Distance Trip Planner website is currently underway. Scott also asked to be notified at least one month in advance if the Trip Planner is to be discontinued.
- Karen Jehanian (KMJ) asked that all agencies that have not yet done so, please place a prominent link to www.i95travelinfo.net on their website. She noted that the Management Team is currently aware of Rhode Island, New York, Pennsylvania, North Carolina, South Carolina and Florida as having links to the www.i95travelinfo.net website.



- Scott Cowherd (VDOT) asked for a monthly update on the pooled fund study for Year 19. Kathy Frankle indicated that she can send a report to Scott.(This topic will be included in this monthly status meeting.)
- Mary Ameen (NJTPA) asked if the webcast presentation would be included as part of the meeting minutes. Karen noted that due to file size the presentation will be posted to the Coalition website and link noted in the "Introduction" section of the minutes can also be used to access the presentation.

Karen Jehanian noted that the Management Team is always working to improve the VPP Team status webcasts. She asked the attendees to participate in two polls regarding webcast content. The polls and their results follow.

Question 1: What portion of these status webcasts do you find to be most useful?		
Choice		% of Total Votes cast
1	INRIX update	17%
2	Validation effort	17%
3	"Spotlight" presentations	17%
4	Member agencies updates	5%
5	All of the above	41%

Question 2: What additional information would you like to have included in the status webcasts? (Select one answer)		
Choice		% of Total Votes cast
1	Specific instructions on use and integration of the VPP data	5%
2	Additional information on the validation effort	0%
3	Specific reports from member agencies on how they are using the VPP data	41%
4	Additional uses for the VPP real-time data	5%
5	Additional uses for the VPP archived data	17%
6	More than one of the above	29%
7	Keep the content of the status webcast the same	0%

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	Stan Young/ Jim Hadden	Discuss the opportunity for conducting validation on arterials in New Jersey where control over traffic flow exists.
2	Stan Young/ Hugh Colton	Discuss the opportunity to conduct validation on arterials in Georgia where other more expensive types of validation are currently being considered.
3	Kathy Frankle/Rick Schuman	Provide Andy Meese with specific cost information for the purchase of Vehicle Probe Project data.
4	Rick Schuman	Prepare a general summary of costs for the Vehicle Probe Project data based on the INRIX contract expansion (which includes Year 19).
5	Management Team	Notify agencies as soon as possible (at least one month prior) regarding future of the Long Distance Trip Planner (LDTP).
6	Agencies without link to LDTP	Any agency who has not already done so, please add a direct link to the I-95 Corridor Coalition's Long Distance Trip Planning Website www.i95travelinfo.net from their 511 websites.
7	Kathy Frankle	Provide update on status of Pooled Fund Study at the VPP Team webcasts.

11. Date for Next Meeting

A date for the next meeting was proposed and reviewed by the participants. It was agreed that **Wednesday, February 23, 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
- Rick Schuman at 407.298.4346 or rick@inrix.com
- Karen Jehanian at 610.228.0211 or kjehanian@kmjinc.com
- Contract expansion issues should be directed to Kathy Frankle at 410-414-2925 or kfrankle@umd.edu

Karen Jehanian thanked the Committee members for their time and valuable input. The conference call was adjourned at approximately 11:30 AM.



**Minutes
Vehicle Probe Project Committee
Webcast/Conference Call
December 8, 2010**

PARTICIPANTS

I-95 Corridor Coalition:
George Schoener, Bill Stoeckert

Vehicle Probe Project Webcast Attendees:	
Scott Silva, Scott Cowherd	Virginia DOT
Nathan Erlbaum, Remy William	New York State DOT
Jim Hadden, Sue Catlett	New Jersey DOT
Glenn McLaughlin	Maryland SHA—CHART
Gene Glotzbach	Florida DOT
Jay Sengoz	PennDOT
Hugh Colton, Mark Demidovich, Kathy Zahul	Georgia DOT
Mike Bowman	South Carolina DOT
Andrew Meese, Wenjing Pu	MWCOG
Mary Ameen, Keith Miller	North Jersey Transportation Planning Authority, Inc.
Zoe Neaderland, Claire Beck	DVRPC
Anna Aleynick	AECOM for New Jersey DOT
Bob Rupert	FHWA
Stan Young, Kathy Frankle	University of Maryland
Rick Schuman, Jeff Summerson, Pete Costello	INRIX
Todd Kell	PBS&J
Phil Tarnoff	Consultant
Vehicle Probe Committee Members – Not in Attendance	
Delaware DOT, North Carolina DOT	

Consultant Support Staff:
Karen Jehanian, Joanna Reagle, David Hedrick KMJ Consulting, Inc.