



Vehicle Probe Project Committee Monthly Status Webcast June 30, 2010 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/Bill Stoeckert
4	INRIX Update	Rick Schuman
5	Data Validation Update (including Arterial Analysis Update)	Stan Young
6	Vehicle Probe 3-Year Plan Update	Bill Stoeckert
7	Agency Spotlight: Metropolitan Washington Council of Governments (MWCOC) use of the Vehicle Probe Project data for Congestion Management Process support	Andrew Meese/Wenjing Pu
8	Agency Questions and Updates	All
9	Contract Update	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. The following is a summary of the discussion. These meeting minutes, the webcast presentation (including MWCOC's 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 action items from the previous Vehicle Probe Project Team webcasts and noted that they will be discussed during this webcast. She reminded participants that they should contact Joanna Reagle if they would like to be included in the Arterial Data Quality subgroup.



3. **Communications Update**

Karen Jehanian reviewed the correspondence sent to the project team and the website postings since the last webcast. She also reviewed the schedule of system integration and stated that any agency who would like to have a meeting with the VPP Management Team should contact Joanna Reagle at jreagle@kmjinc.com.

4. **INRIX Update**

Rick Schuman covered the following topics: Project Statistics, and System/Service Upgrades, including the monitoring site coverage expansion and SAFETRIP conversion. Rick began by presenting the basic statistics about the service availability in May 2010 (100%). He noted that as of June 28, 2010, use of the monitoring site grew to 367 users, the data feed participation has increased slightly to (42), and archive requests have increased to 391.

Rick noted that the VPP monitoring site was recently expanded to include the roadways provided on the INRIXTraffic.US site for the Coalition states as well as their immediate neighbors to the west. This free coverage termed "coverage extension" on the VPP monitoring site will not be available via the data feed or the archive. Rick also noted that the roadways for the Florida expansion have been added to the monitoring site, data feed and archive.

Rick discussed the conversion of the I-95 Trip Planner Site (i95travelinfo.net) from SafeTrip funding to Coalition funds. He noted that as part of the federal evaluation for this project the website went live on June 1, 2009 and then on June 1, 2010, the website became operational. Rick also noted VDOT is continuing the monitoring site display service in both Tysons and the welcome centers (Skippers Welcome Center-NB and Fredericksburg Welcome Center-SB).

5. **Data Validation Update**

Stan Young reviewed the Data Validation effort to date. He discussed the table titled "Data Validation Status" noting that UMD has recently analyzed the data from Delaware and sensors were currently being picked up in New Jersey.

Stan reviewed the validation results for Delaware (data collected from April 26, 2010 through May 4, 2010). He noted that the data was within specification for data quality. Stan noted that the cumulative data from the four validation efforts in Delaware (September 2008, February 2009, August 2009, and April/May 2010) are good quality for both the average absolute speed error and speed error bias in all speed bins. He also reviewed the summary payment calculation and noted that an offset credit was earned.

Stan provided a graphic comparing the number of hours of data collected each month. He noted that on average 1000 hours of data is gathered each month, however, the number of congested hours are only a portion of that data. He noted that the quantity of data to validate is improving. Stan noted that the tech memo/white paper regarding the improvement in Real-Time Data was posted to the Coalition website and sent to the VPP Team members earlier in June.



Stan discussed the status of the arterial validation effort explaining that INRIX had donated arterial data to the Vehicle Probe Project in an effort to help all better understand and work with this information. He noted that a packet of information had been prepared including a list of questions to be studied regarding the use and validation of the arterial data. Stan noted that once the material is distributed a webcast will be set up in July. It was again stated that anyone interested in this effort is welcome to participate and should contact a member of the Management Team or Joanna Reagle (at jreagle@kmjinc.com or 610.228.0760) to be included in this group. It should be noted that Jim Hadden and Wenjing Pu offered to participate in this group.

6. Vehicle Probe 3-Year Plan Update

Bill Stoeckert began by reviewing the background of this effort. He noted that the Executive Leadership Committee requested three-year plans be prepared for all major projects. The Travel Information Services Program Track Committee (TISPTC) has three major projects: Vehicle Probe, Information Sharing (ISN), and Performance Measures. A presentation was made to the Board on June 8th. Bill explained that at this meeting the Executive Board selected the 50/50 option for I-95 plus key parallel facilities to move forward. He then reviewed a cost sharing example for the Year 19 funding. He noted that the state cost is slightly higher due to UMD overhead. He also noted that a pooled fund study was being considered as it may be difficult or impossible for some states to contract directly with UMD (this would also reduce the overhead cost). Finally, Bill discussed the next steps for the VPP Three Year plan including: developing a strategy to reach out to individual states, sharing 3-Year plan status with Program Track, and developing a proposal for Year 19 plan.

Scott Silva requested that an informational summary be provided to him outlining the Vehicle Probe 3-Year Plan including costs for Virginia based on the 50/50 option. Bill stated that the Management Team would put this information together for Virginia and send it to him. Bill then asked if any other agency would also like this information. Jim Hadden indicated that he would like to receive this information for New Jersey.

7. Agency Spotlight: Metropolitan Washington Council of Governments (MWCOC) use of the Vehicle Probe Project data for Congestion Management Process support

Andrew Meese began the presentation by explaining that they were going to review their efforts regarding their use of the VPP data in the Congestion Management Process (CMP), speed validation in travel forecasting models, and speed distribution for air quality modeling. Wenjing Pu walked through the process of how MWCOC applied the data for planning and explained that it involved heavy duty data lifting and analysis. Next, Wenjing reviewed the congestion management process – the process by which they monitor and evaluate congestion and come up with methods to mitigate it. He noted that the draft 2010 CMP Technical Report they have prepared is available at the MWCOC website:

http://www.mwcog.org/transportation/committee/committee/documents.asp?COMMITTEE_ID=16

(Item 14 - 2010 Congestion Mgmt. Process (CMP) Report) and that the report will



be finalized after July 9, 2010. Wenjing reviewed graphs showing hours of congestion and a map illustrating the buffer time index for the MWCOG area. He explained that the buffer time index is (95th percentile travel time – average travel time) / average flow travel time. Wenjing also reviewed graphs that provided information on how the buffer time index varies monthly, daily, and hourly. He also noted that two other performance measures are provided in their report - travel time index and planning time index. Wenjing explained that the VPP data was being used for air quality modeling to provide local data instead of having to use default values. Finally, Wenjing reviewed the advantages and caveats and the potential future uses of the Vehicle Probe data by MWCOG.

Questions were asked and a discussion followed regarding the information presented by MWCOG. The causative factors for congestion were discussed including changes in fuel costs and the economic climate. Stan Young requested that MWCOG join the Arterial Data Quality subgroup. He also noted he would like to have similar information to what was presented by MWCOG for the whole corridor.

8. Agency Questions and Updates

Scott Silva took this opportunity to thank the Coalition for their support of the Vehicle Probe Project. He noted that the conversion from SafeTrip worked out well.

9. Contract Update

Karen Jehanian noted that the Baltimore Metropolitan Council (on May 27, 2010) and the Florida Department of Transportation (on June 7, 2010) have executed DUAs, since the last VPP Team webcast. In addition, Florida DOT signed their contract for expansion (including 533 miles) on June 7, 2010. It was also noted that MdSHA/MdTA should have their contract expansion by August 1, 2010. The North Jersey Transportation Planning Authority noted that they are currently working to execute a DUA.

10. Review of Actions Items

#	Responsible Party	Action Items	Status
1	Mgmt Team	Provide an informational summary to Scott Cowherd (Virginia) and Jim Hadden (New Jersey) outlining the Vehicle Probe 3-Year Plan including costs for the state based on the 50/50 option.	
2	KMJ	Add Jim Hadden and Wenjing Pu to the Arterial Data Quality subgroup.	complete
3	All	If you would like to participate in the Arterial Data Quality subgroup, please contact a member of the VPP Mgmt Team or Joanna Reagle at jreagle@kmjinc.com .	
4	All	If you would like the VPP Mgmt Team to speak with your agency regarding the Vehicle Probe project and answer any specific questions you may have about the (potential) use of data in your state, please contact Joanna Reagle at jreagle@kmjinc.com .	



11. Date for Next Meeting

A date for the next meeting was proposed and reviewed by the participants. All agreed that **Tuesday, August 10, 2010 at 10:30 a.m.** was acceptable. Jim Hadden offered to make a presentation at this meeting regarding their use of the VPP data.

Any questions in the meantime should be directed to:

- Bill Stoeckert at 774.207.0367 or wstoeckert@yahoo.com
- Stan Young at 301.403.4593 or seyoung@umd.edu
- Rick Schuman at 407.298.4346 or rick@inrix.com
- Jeff Summerson at i95Support@inrix.com for questions or comments regarding the monitoring site
- Contract issues should be directed to Kathy Frankle at kfrankle@umd.edu

Mr. Stoeckert thanked the Committee members for their time and valuable input. The conference call was adjourned at Noon.



**Minutes
Vehicle Probe Project Committee
Webcast/Conference Call
June 30, 2010**

PARTICIPANTS

I-95 Corridor Coalition:
Bill Stoeckert

Vehicle Probe Project Webcast Attendees:	
Jennifer Carrier	Capitol Region Council of Government
Bob Rupert	FHWA
Hugh Colton, Ron Boodhoo	Georgia DOT
Glenn McLaughlin	Maryland SHA/CHART
Andrew Meese, Wenjing Pu	MWCOG
Jim Hadden	New Jersey DOT
JoAnn Oerter	North Carolina DOT
Mary Ameen, Anson Gock	North Jersey Transportation Planning Authority, Inc.
Jay Sengoz	Pennsylvania DOT
Alex Karman	South Western Regional Planning Agency
Bob League	The Rocky Mount, NC Urban MPO
Scott Silva, Melissa Lance	Virginia DOT
Stan Young	University of Maryland
Rick Schuman, Jeff Summerson	INRIX
Vehicle Probe Committee Members – Not in Attendance	
Delaware DOT, South Carolina DOT	

Consultant Support Staff:
Karen Jehanian, Joanna Reagle, Marie Pantalone KMJ Consulting, Inc.