



## Vehicle Probe Project Committee Monthly Status Webcast May 26, 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	Stan Young
6	Arterial Analysis Update	Stan Young
7	Vehicle Probe 3-Year Plan Proposal Update	Bill Stoeckert
8	Agency Questions and Updates	All
9	Contract Update	Kathy Frankle
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. The following is a summary of the discussion. These meeting minutes and all Vehicle Probe Project (VPP) information is 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.

#### **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 meetings noting that a meeting is currently being scheduled with Virginia DOT representatives. Scott Silva offered to assist in coordinating a date in June for this meeting. Karen stated 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 covered the following topics: Project Statistics, and System/Service Upgrades, including the recent map update and monitoring site coverage extension. Rick began by presenting the basic statistics about the service availability in April 2010 (100%). He noted that as of May 11, 2010, use of the monitoring site grew to 351 users, the data feed participation has increased slightly to (41), and archive requests have increased to 368.

Rick noted that the map update (from TA version "0810" – Oct '08 – to TA version "0909" – Sept '09) occurred on April 27, 2010 and no problems were reported. Rick explained that the map update also includes a TMC table update (to version 3.6) which adds 20-30 miles of NC freeway gaps and adds Baltimore tunnels. He also noted that Jeff Summerson had coordinated with API users and no issues were noted. Rick stated that ramp TMCs are now available for validation testing (including the "Highway to Highway" ramps in the top 50 markets) He explained that these TMCs are not included in the data feeds, archives, or monitoring site and that UMD will need to coordinate with Jeff Summerson for extraction of data for NJ validation testing.

Next, Rick presented information on a new web-based service, INRIXTraffic.US that will be offered in early June by INRIX (as noted in a recent email from the Coalition). Rick explained that this "viewing only" web-based service is designed to aid transportation agencies that manage and patrol their highway system. Rick reviewed information comparing the new INRIXTraffic.US site and the services being provided under the Coalition VPP. He also noted that the VPP monitoring site will be expanded in the next few weeks to include all coverage provided in the INRIXTraffic.US site, and will continue to provide both faster refresh rates and more detailed information than the INRIXTraffic.US site. Rick also stated that since no data access will be provided via the INRIXTraffic.US site it will not be possible for agencies to integrate data into their systems for use in operations and performance measures endeavors. This free coverage termed "coverage extension" on the VPP monitoring site will not be available via the data feed or the archive. He concluded by noting that while the offer from INRIX is available to all agencies, ***both the Coalition and INRIX suggest that I-95 Coalition members use the VPP monitoring site as their site of choice, as it will provide equivalent road coverage with more detail, better performance and access to more detailed data.***

#### 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 North Carolina and Delaware and is collecting data in New Jersey over the Memorial Day weekend. He reported that Bluetooth data will be collected on ramps in New Jersey during the current validation.

Stan reviewed the validation results for North Carolina which included a rural mountainous section (data collected on March 23 through April 2, 2010). He noted that on the freeway sections around Raleigh over 55 hours of congestion data were collected and that the probe data were within contract specification for both the average absolute speed error and speed error bias in all speed bins. Stan also



discussed the special study undertaken on I-40 Westbound in a mountainous area. The results of this study show that the INRIX data appears biased toward fleet data and seems to rely on historical data in this area.

Stan noted that the cumulative data from the three validation efforts in North Carolina (10/08, 7/09, 3/10) 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 which was over 100%, the excess of which is attributable to INRIX's "offset credit".

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. During the most recent validation effort in North Carolina, over 1500 hours of data were collected including over 50 congested hours.

Stan noted that the tech memo/white paper regarding the improvement in Real-Time Data is complete and will soon be posted to the Coalition website and sent to the VPP Team members. He also noted that an analysis of score, c-value and volume will be added to the upcoming monthly validation reports. Finally, Stan noted that a sensor was lost to theft in Delaware during the recent data collection.

## **6. Arterial Analysis Update**

Stan discussed the status of the arterial validation effort. He explained that INRIX had donated arterial data to the Vehicle Probe Project in an effort to help all better understand and work with this information. Stan and Ali Haghani (UMD) prepared a list of questions to be studied regarding the use and validation of the arterial data. Stan noted that their plan includes: identification of issues in early June, distribution of existing data on arterials, and a conference call with committee in late June. 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](mailto:jreagle@kmjinc.com) or 610.228.0760) to be included in this group.

## **7. Vehicle Probe 3-Year Plan Proposal**

Bill Stoeckert began by reviewing the background of this effort. He noted that a webcast was held on April 7, 2010 with TISPTC members to explain the plan and that during a previous VPP Team webcast general consensus to move forward with the 3-Year Plan had been received. Bill noted that the current funding proposal for this 3-year Plan includes \$4.2 million for Year 19 (includes mobilization for new states, data collection, and validation) and \$3.8 million per year for Years 20 and 21 (includes data collection and validation). Bill also reviewed the Funding Summary for the 3-Year Plan which includes the applications of the data such as the SafeTrip project and the Performance Measures project. He shared a cost sharing example for Year 19 with the members.

A conversation regarding the proposed VPP 3-Year plan followed. A question regarding the allocation of the contingency, validation, management, and overhead costs was asked. Bill explained that due to timing and other variables in dealing with multiple states, they thought it would be easier for the Coalition to assume the costs.



Another member asked if there were other costs for state agencies and Bill indicated that there were not. A clarification on the “I-95 Coverage Only” versus the “Original RFP Coverage” was requested. Bill explained that the former includes only the I-95 roadway while the later includes some roadways adjacent to I-95. Bill explained it is understood that not all states are able or willing to participate in this project. Therefore he is proposing that the Coalition cover I-95 only if a state is not participating. Non-participating states would not be granted access to the data feed or archive (for their state or any other state). Finally, it was suggested that the maps highlighting the “Original RFP Coverage” be made available and reviewed at the next VPP Team webcast.

Bill stated that he may be calling members of the VPP Team to follow up on this plan. He also noted that the next steps for the plan include sharing this information with the TISPTC and presenting the 3-Year Plan to the Executive Board. With direction from the Board, Bill hopes to begin follow-up with individual states and the development of the Year 19 proposal.

**8. Agency Questions and Updates**

There were no questions asked at this time.

**9. Contract Update**

Kathy Frankle noted that the only new information regarding contracts is that Florida DOT is expected to submit the next signed DUA along with their contract for expansion.

**10. Review of Actions Items**

#	Responsible Party	Action Items	Status
1	All	If you would like to participate in the Arterial subgroup, please contact a member of the VPP Mgmt Team or Joanna Reagle at <a href="mailto:jreagle@kmjinc.com">jreagle@kmjinc.com</a> .	
2	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 <a href="mailto:jreagle@kmjinc.com">jreagle@kmjinc.com</a> .	
3	Mgmt Team	Include the Original RFP maps in the next Project Team webcast.	



### 11. Date for Next Meeting

A date for the next meeting was proposed and reviewed by the participants. All agreed that **Wednesday, June 30, 2010 at 10:30 a.m.** was acceptable.

Any questions in the meantime should be directed to:

- Bill Stoeckert at 774.207.0367 or [wstoeckert@yahoo.com](mailto:wstoeckert@yahoo.com)
- 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)
- Jeff Summerson at [i95Support@inrix.com](mailto:i95Support@inrix.com) for questions or comments regarding the monitoring site
- Contract issues should be directed to Kathy Frankle at [kfrankle@umd.edu](mailto:kfrankle@umd.edu)

Mr. Stoeckert thanked the Committee members for their time and valuable input. The conference call was adjourned at 11:50 AM.



**Minutes  
Vehicle Probe Project Committee  
Webcast/Conference Call  
May 26, 2010**

**PARTICIPANTS**

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

<b>Vehicle Probe Committee Webcast Attendees:</b>	
Gene Glotzbach	Florida DOT
Bob Rupert	FHWA
Hugh Colton	Georgia DOT
Wenjing Pu	MWCOG
James Knowlton, Denise Markow	New Hampshire DOT
Sue Catlett, Rob Bamford	New Jersey DOT
Nathan Erlbaum	New York State DOT
Scott Silva	Virginia DOT
Kathy Frankle, Stan Young	University of Maryland
Rick Schuman, Pete Costello	INRIX
<b>Vehicle Probe Committee Members – Not in Attendance</b>	
Delaware DOT, Maryland SHA/CHART, North Carolina DOT, Pennsylvania DOT, South Carolina DOT	

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