



Vehicle Probe Project Committee Monthly Status Webcast February 9, 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	Ramp Analysis Update	Phil Tarnoff
7	Agency Questions and Updates	All
8	Contract Update	Kathy Frankle
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. 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 noted that the few outstanding action items from the previous webcasts will be addressed during this webcast.

3. Communications Update

Karen Jehanian briefly reviewed the correspondence sent to the project team and the website postings since the last webcast. She also noted the schedule of the system integration meetings being held with agencies participating in the Vehicle Probe project.

4. INRIX Update

Rick Schuman covered the following topics: Project Statistics, System/Service Upgrades, SAFETRIP Extension, and Cross-state data usage. Rick began by



presenting the basic statistics about the service availability through January 2010 (Dec. 2009 – 99.83% and Jan. 2010 – 100%) and individual account/users, and the archive requests through February 3, 2010. Rick noted the connected services upgrade was successfully made on December 10, 2009. He mentioned the monitoring site improvements and noted that the C-Value is now available in API feed. He also noted that the C-Value is discussed in the Interface Guide v3.2 which has been published and posted on the Coalition website. He explained that as described in the Interface Guide the C-Value is implemented as an optional parameter to not affect current API users) and that agencies need to request access specifically from INRIX as stated in the Interface Guide. Rick explained that an upgrade for the INRIX Fusion engine to the new version 5.0 of the platform was to be completed at night on February 9, 2010.

Rick also discussed an update to the map and TMC codes. He stated that the map update (from TA version “0810” – Oct ‘08 – to TA version “0909” – Sept ‘09) is expected to occur as early as March 30, 2010, more likely in early April. He noted that this update will make the map version much more current. The TMC version will be updated from 3.4 to 3.6. Rick stated that the new version (V3.6) fills in approximately 20 of the 30 miles of remaining NC freeway gaps. He noted that this update also adds 145 TMC codes while dropping 45 TMCs (there are more than 10,000 TMC codes currently used in the project). Rick explained that when the previous map update was made in May 2009 the new logical groupings of TMC codes – “TMC Sets” -- were modified so the old TMC codes/sets and the new TMC codes/sets both were accessible. However this update is going to be different with TMC codes changes occurring within the existing TMC Sets – to reduce the number of TMC Sets being managed and the simplify archive access. Minor changes will be made to some TMC Sets as part of the update. Jeff Summerson stated that he has been in contact with API users regarding this change. Any questions by agencies should be directed to Jeff at INRIX. If agencies have any comments, about the process, please contact Stan Young at UMD. Stan will follow up with Rick Dye regarding this code change.

Jo Ann Oerter asked if the agencies have access to the TMC code tables. Jeff stated that the tables are available and should be requested through Stan Young.

Rick discussed the extension of the SafeTrip-21 project. He noted that USDOT project/funding has been extended through May 2010. George Schoener noted that the Coalition’s Executive Board is pleased with the use of the Long Distance Trip Planner and has authorized its extension to May 2011. An increase in the usage of the trip planner was noted during the recent snowstorms.

Rick completed his presentation by discussing cross-state data usage. He noted that ***once an agency signs a DUA, all project data (from Coalition participating states) is available to them – through the API feed, the traffic tile overlay, and the archive.***

Jo Ann Oerter asked Rick about an issue North Carolina has in approximately five places within the state due to elevation and grade. Rick stated that the upgrade on February 9th should help this situation and asked Jo Ann to watch these areas over the next few weeks for any changes.

5. Data Validation Update

Stan Young reviewed the Data Validation effort to date. He discussed the table entitled “Data Validation Status” noting that the first data collected in Pennsylvania during January 2010 for validation went smoothly. Stan also noted that currently the sensors are along roadways in Maryland under the snow. He remained hopeful that



they would be recovered and that validation scheduled for North Carolina in March 2010 would proceed as scheduled.

Stan reviewed the validation results for New Jersey (data collected from October 1, 2009 through October 15, 2009) on the Atlantic City Expressway. Stan noted that the probe data did not meet the minimum quality specifications for the lower two speed bins. The daytime performance was good however; the issue appears to be with nighttime congestion due to construction and small sample size. Stan also noted that this was the first time that multiple TMCs were combined and this did not present an issue for the validation effort.

Stan also reviewed the validation results for Virginia (data collected from November 5, 2009 through November 17, 2009). He noted that the probe data met the minimum quality specifications for each speed bin. He also mentioned that this sample in Virginia provided a lot of congestion during the validation period.

Stan noted that the issues to be addressed as the project moves forward include: INRIX taking a further look at evening congestion and the Team developing appropriate arterial validation metrics.

6. Ramp Analysis Update

Stan Young provided an update on the ramp analysis effort. He noted that ramp speed and travel time data will soon be available at selected locations. He reviewed the challenges to ramp monitoring including the fact that ramps typically require numerous (TMC) segments and adequate traffic volumes are not always available to provide adequate probe data for speed and travel time estimation. Stan also mentioned the issues for the Vehicle Probe Project Team to address including the identification of critical ramps with appropriate traffic and geometrics and data accuracy goals for ramps. Stan also discussed the ramp selection considerations which have been initially identified. The next step is for Stan to contact Sue Catlett and Jim Hadden at NJDOT to select ramps from the possible locations noted on INRIX graphics (red blobs) presented at the webcast on January 7, 2010 and included with these meeting minutes.

7. Agency Questions and Updates

A question was submitted prior to the webcast and discussed with all attendees.

Question 1: What happens after June 30, 2011 (Year 18)?

Bill Stoeckert noted that the Coalition is currently discussing what happens after the initial funding for this contract ends on June 30, 2011. He stated that the Coalition leadership has recognized the importance of this project and in preliminary discussions; the Coalition is considering a continuation of support at a 50/50 level for current and new participating agencies throughout the corridor. He noted that specific roadway coverage and cost are currently under review. Bill also stated that the Coalition would like to have reactions from the member agencies at this time. George Schoener noted that the Coalition leadership asked that a three-year plan for major projects be studied, including the Vehicle Probe Project. He also noted that they would like to have a proposal to submit at the I-95 Corridor Coalition Executive Board Meeting on June 8, 2010.

8. Contract Update

Kathy Frankle gave an update on the contract noting that New Hampshire DOT signed a DUA on February 3, 2010. Kathy also noted that UMD is processing an agreement with the Maryland Transportation Authority for an expansion of VPP coverage to include 25 miles near the Bay Bridge. Kathy She also mentioned that



VDOT is working through PBS&J to keep their expanded coverage and the changes are only contractual.

9. Participation in Meetings/Conferences

Karen Jehanian noted that although there was not any new information to report, this would be the time for participants to discuss any meetings in their area where the Vehicle Probe Project might be included. Hugh Colton mentioned the ITS Georgia Meeting.

Post meeting notes: It was determined that at the ITS Georgia meeting, INRIX would be presenting on “Smartphones: Social Networking and the Coming Revolution in ITS and Traffic Operations.” It should also be noted that the Vehicle Probe Project will be discussed during the NATMEC conference as part of the “Use of Public/Private Sector Data: Challenges, Successes, and Opportunities” on Thursday, June 24, 2010, from 8:30 a.m. to 10:00 a.m.

10. Review of Actions Items

#	Responsible Party	Action Items	Status
1	Stan	Follow up with Rick Dye regarding change to code due to TMC modifications	
2	Jo Ann/Rick	Persistent problems with data due to elevation/grade in 5 locations – INRIX recent changes should improve issue – Jo Ann to check for improvement during next few weeks	
3	Stan	Contact Jim Hadden and Sue Catlett to select ramps from possible locations noted on INRIX graphics (red blobs)	
4	Joanna/Rick	Include in February 9 th meeting minutes the “red blob” graphics which illustrate the ramp locations possible for study	
5	Bill	Contact Hugh Colton to select a date for the VPP Mgmt team to visit GDOT	
6	KMJ	Post revised slide presentation and meeting minutes for February 9, 2010 webcast to the I-95 Corridor Coalition website	

11. Date for Next Meeting

A date for the next meeting was proposed and reviewed by the participants. All agreed that **Tuesday, March 16, 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
- 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
February 9, 2010**

PARTICIPANTS

I-95 Corridor Coalition:
George Schoener Bill Stoeckert

Vehicle Probe Committee Webcast Attendees:	
Bob Rupert	FHWA
Hugh Colton, Ron Boodhoo	Georgia DOT
Glenn McLaughlin	MdSHA/CHART
Sue Catlett	New Jersey DOT
Jo Ann Oerter	North Carolina DOT
Mike Bowman	South Carolina DOT
Kathy Frankle, Stan Young	University of Maryland
Rick Schuman, Jeff Summerson	INRIX
Todd Kell, Ben Morgan	PBS&J
Vehicle Probe Committee Members – Not in Attendance	
Delaware DOT, New York State DOT, Pennsylvania DOT, Virginia DOT	

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