



VPPII Agency Project Team Webcast – March 8, 2016

Agenda:

#	Topic	Speaker
1	Introductions & Welcome	Marygrace Parker, I-95 Corridor Coalition
2	VPP Contracting Issues <ul style="list-style-type: none">VPP Coverage & VPPII Agreement Status	Kathy Frankle, University of Maryland (UMD)
3	Technical Coordination Update <ul style="list-style-type: none">Validation	Masoud Hamedi UMD CATT
4	VPP Suite Update	John Allen UMD CATT Lab
5	Updates by Agencies on use of VPP data for Winter Weather Events & Year-end Performance Measures	All
6	Other VPPII Activities <ul style="list-style-type: none">Website changes & Upcoming meetings/events	Karen Jehanian, KMJ Consulting
7	Wrap up & Thank you	Marygrace Parker

Important Notes:

- Coalition News** – Marygrace Parker announced that Dr. Trish Hendren has been hired as the new Executive Director for the I-95 Corridor Coalition. Her first day will be March 16, 2016. Marygrace noted that with the interest in and importance of the Vehicle Probe Project (VPP), she is sure Dr. Hendren will want to be involved in future VPP meetings.
- VPP Coverage Summary & DUA Rev 9 Execution** – Kathy provided the VPP coverage summary including the agreement status. ***She noted that TomTom data will be included in VPP Suite by April 30, 2016, at that time an executed DUA Rev 9 will be needed by all agencies to use the Suite.*** An executed DUA Rev 9 is still needed by District DOT and South Carolina DOT.
- VPP Data Validation** –
 - Schedule: Masoud Hamedi reviewed the validation schedule noting that data was recently collected in Georgia. They are scheduling a validation deployment in Maryland during March and Pennsylvania will likely follow.



- NC 07 Results: Masoud reviewed the findings of the recent NC 07 validation in the Charlotte area on US 29 & US 74. To begin, he discussed the quality control of the ground truth data noting that any questionable ground truth data are excluded from the validation. He explained that NC-Segment 30 was not included in the validation due to the bi-modal distribution (he referred to it as the “Gas Station effect”). Masoud noted that for this validation deployment, the results were good for all vendors and there was a slight improvement in quality from the previous validation in NJ. The data availability is 100% for all vendors and all of the data was real-time. Masoud also reviewed the slowdown analysis for NC 07. He explained the parameters for a “slowdown” event and how the vendor data is categorized. He noted that as more data are collected, they can look for trends.
 - SC 02 Results: Masoud reviewed the results of the recent SC validation in the Columbia & Greenville areas on US 26 & US 85, respectively. He noted that this was a rich data set of very good quality and that the data availability is 100% for all vendors and all of the data was real-time.
 - Proposed Changes to Validation Analysis: Masoud explained the changes that are proposed changes and the results to date. He noted that the real-time data separately and data availability measures will be shown in the validation report if there is enough non-real-time data to report on.
 - Latency: Masoud explained the methodology the validation team has developed for calculating latency. He discussed the processes and related delays that produce latency then explained the plan to assess the vendor data to calculate latency. He noted that the validation team will begin by studying freeway data and then move to arterial data. Currently, they are calculating the latency for the SC 02 data. Ultimately, the plan is to include latency as a performance measure in the validation reports. They also plan to go back and calculate the latency for the previous VPPII validation studies.
 - Validation Question: VDOT asked if there is a plan to complete another arterial validation report. Masoud noted that they plan to prepare another arterial validation report but at this time there is not enough data from the VPPII vendors.
4. **VPP Suite** – John provided an update on the VPP Suite features deployment status and introduced a new table that will be used to illustrate the status of these features as they proceed through the deployment process. He also gave an update on the work of the Performance Summary Report Template Focus Group.
The next VPP Suite User Group webcast is scheduled for April 21, 2016 (10:30am – noon). Registration information will be sent soon.
5. **Agency Updates** - The following updates were provided by member agencies on the use of VPP real-time data for Winter Weather Events and for VPP Suite data for Year-end Performance Measures:
- **MWCOG (Wenjing Pu)**: Provided an update on their use of the VPP Suite for Year-end Performance Measures and explained which measures they are currently using and noted that the Massive Raw Data Downloader is getting easier to use. Wenjing also discussed their use of the VPP Suite for Snow Impact Analysis. The evaluation that MWCOG/TPB completed will be included in a technical memorandum to support after action reviews. It will be published with



- o a TPB Weekly Report and highlighted in the National Capital Region Congestion Report for Quarter 1 - 2016.
- o **South Carolina DOT (Dipak Patel):** Explained how South Carolina DOT is currently using the VPP data and the VPP Suite for mobility performance measures. He noted that they are getting away from the use of Level of Service and instead using Density Index for yearly evaluations and funding determinations. He showed the measures included in the “South Carolina Score Board” noting that they are providing this information annually but are working to provide it for 15-minute intervals. Dipak noted that in South Carolina they only use Planning Time Index for urban areas as they do not find it to be a true representation in rural areas. He also shared 24-hour Speed Profile Graphs for several roadways, Benefit Cost Comparison of completed projects and shared lessons learned with the group.
- o **Please note that both presentations will also be posted on the Probe Data Analytics Forum.**
- o Poll of Webcast Participants: All agency participants were asked to respond to the following question during the webcast and were allowed to select as many responses as apply - **How does your agency use Real-time VPP data?**

Use of Real-time VPP data	% of the Agencies responding:
Vendor Monitoring Site	60%
Integrate probe data directly into travel information website map	40%
Incident management	80%
Travel times on message signs	60%
Travel times on websites	60%
Travel times on 511 IVR	60%
Welcome center/mall displays	None
Speed enforcement zones	None
Other	80%

6. **Coalition website updates –**

- o VPP Newsletter – Sent via email on February 25, 2016; it included highlights of the TMC Code Report findings and provided a link to the report. It also included information on upcoming meetings with a link to on-line registration for those meetings. **It should be noted that registration confirmations and webcast information emails may come from Emily White (ewhite@kmjinc.com). Please add Emily to your “safe” list.** Archived copies of the VPP newsletters are now available on the Coalition website from both the VPP and VPP Suite pages.
- o **The next VPP Agency Project Team webcast is scheduled for Wednesday, June 8, 2016 (10:30am – noon).**



Participants:

I-95 Corridor Coalition:
Marygrace Parker, Patty Reich

VPPII Webcast Attendees:	
Glenn McLaughlin	Maryland SHA
Neha Galgali, Sudhir Joshi, Ira Levinton, Kitae Kim (NJIT), Branislav Dimitrijevic (NJIT)	New Jersey DOT
Mike Bruff	North Carolina DOT
Scott Benedict	Pennsylvania DOT
Dipak Patel, Paul Thebo	South Carolina DOT
Scott Cowherd, Sanhita Lahiri, Greg Bilyeu, Mena Lockwood, Ralph Jones, Ram Venkatanarayana	Virginia DOT
Rich Taylor	FHWA
Ed Stylc	BMC
Jesse Buerk	DVRPC
Wenjing Pu, Andrew Meese	MWCOG
Keith Miller	NJTPA
Greta Ryan	Richmond Regional TPO
Kathy Frankle, Karen Swick, Masoud Hamedi	University of Maryland
Michael Pack, John Allen	University of Maryland CATT Lab
Consultant Support Staff:	
Karen Jehanian, Joanna Reagle, KMJ Consulting, Inc.	