

Item #2

Overview of the National Capital Region Vehicle Probe Data Users Group

Vehicle Probe Data Users Group Meeting October 9, 2014



Background

- I-95 Corridor Coalition Vehicle Probe Project
 - Probe data became a major source for traffic and system performance monitoring
 - VPP2 in a multi-vendor fashion
 - Desire for enhanced consistency, collaboration and capabilities
- FHWA National Performance Management Research Data Set (NPMRDS)
 - May provide valuable freight movement information
- Potential future datasets
- MAP-21 and FHWA anticipated new rules
 - Performance measures, reporting, targets, etc.

MAP-21

- Under MAP-21, FHWA is establishing performance measures in 12 areas:
 - 4 areas in safety
 - 3 areas in pavement and bridge conditions
 - 1 area in on-road mobile source emissions
 - Traffic congestion
 - Performance of the Interstate system
 - Performance of the non-Interstate NHS
 - Freight movement on the Interstate system
- This Users Group will serve as the platform for DC-MD-VA-TPB common data sourcing and traffic congestion performance measures calculation

Mission as Proposed

The mission of the National Capital Region's Vehicle Probe Data Users Group (VPDUG) is to enhance regional coordination, consistency, and capabilities in the use of vehicle probe-based traffic data toward performance-based transportation planning and programming.

Goals

- 1. The VPDUG will be a regional platform for probe data information exchange, user experience sharing, and professional skills development.
- 2. The VPDUG will develop recommended technical guidelines for probe data processing and performance measure calculation and improve the guidelines over time.
- The VPDUG will also discuss probe data-related other data and system performance issues to support performance-based transportation planning and programing.

Structure

- Sub-group of the Management, Operations, and Intelligent Transportation Systems (MOITS) Technical Subcommittee
- Quarterly meeting
- Volunteer participants
- Limited- term

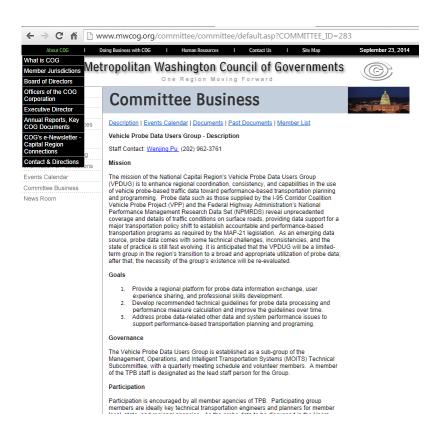
Participation

- Public agencies of TPB member jurisdictions,
- Consultants working for TPB member jurisdictions and enabled by a valid Data Use Agreement (DUA) with the I-95 Corridor Coalition or the University of Maryland,
- Peer public agencies outside TPB jurisdictions with a valid DUA with the I-95 Corridor Coalition or the University of Maryland, and
- Other eligible entities reviewed and, if acceptable, permitted on a case-by-case basis.

Website

- http://tinyurl.com/vpdug
- Description
- Event Calendar
- Documents

 COG/TPB website to be revamped in a few months



Access to Vehicle Probe Data

- VPP data
 - Public sector to sign a DUA
 - https://vpp.ritis.org/suite/dua/
 - Members of the TPB are encouraged to sign the DUA to take advantages of the data and tools
- NPMRDS data
 - MPOs, States are eligible
 - send e-mail to <u>heretraffic.nhsdata@here.com</u>