Item #4

Report on the Kick-off Meeting of the
Vehicle Probe Data Users Group

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MOITS Technical Subcommittee
October 14, 2014

Overview

- **26** Participants
  - VDOT, 4
  - MDSHA, 3
  - Montgomery County, 2
  - Fairfax County, 1
  - NVTA, 1
  - WMATA, 1
  - BMC, 1
  - Consultant, 1
  - CATT Lab, 2
  - COG/TPB, 10

- **4** main items:
  - Overview of the Group
  - Roundtable discussions
  - VPP Suite demo and transition to VPP2
  - COG/TPB's use of probe data and lessons learned

- **2.5** hours: 9:30 – noon, October 9, 2014

- Meeting highlights available now

Level of Experience

- Do not have access to vehicle probe data (a few)

- Just signed a DUA (one)

- Regular or power probe data users (many)

Applications

- Existing applications
  - Real-time operations (e.g., DMS)
  - Historical data (e.g., system performance reporting)
  - Some agencies purchased TomTom or AirSage data
- Future applications or expectations
  - Help micro- or meso-simulations
  - Merge probe data with transit AVL data (e.g., to improve NextBus bus arrival time forecasting)
  - Build "knowledge base" for transportation improvements
  - Identify travel behavior patterns

Challenges

- Major challenge: data quality concerns
  - Freeway: HOV/HOT lanes
  - Arterials: data quality varies by time and place
- Merge different probe data (e.g., INRIX and Bluetooth; INRIX + HERE + TomTom)
- Data sharing among agencies

Expectations for the Users Group

- In addition to the proposed Mission and Goals
  - Provide feedback to data vendors and VPP Suite developers
  - Create an online or email list that can be used as a "library" to share experience and knowledge

Next Meeting

- May piggyback TRB (e.g., Thursday, 1/15/15)
- Interest seems high on arterial data quality, so that may be our theme

- More information about the Users Group and the meeting: www.tinyurl.com/vpdug