What is the Vehicle Probe Project?

“The VPP works with a “traffic probe data marketplace” first created in 2008. Three highly qualified vendors (HERE, INRIX and TomTom) were selected by a team of agency members to provide data to agencies at a cost that was negotiated by the Corridor. The data is subjected to rigorous validation for reliability. In addition, all data, regardless of vendor, is available to each of the participating agencies providing a truly shared effort.”

“The use of the marketplace results in a savings of 55 - 62% per lane mile from free market pricing” depending on vendor.
### Data Validation – who is involved in data validation . . .

**The Coalition**
- **VPP Facts**
- **Member Agencies**
- **Roadway Management**
- **Technology and Research**
- **Innovative Solutions**

**Transportation Systems Management & Operations (TSMO)**
- **Regional Integrated Transportation Information System (RITIS)**

**Intermodal Freight**
- **CVO Online Portal**

**Travel Information**
- **VPP Live Traffic**
- **AVI Toward Information**
- **Travel Information Apps**
- **Public Data Analytics (VPP Suite)**
- **Vehicle Probe Project**

**Projects & Training**
- **News**
- **Contact**

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**Contract Dose & Coverage Info**
- **Usage of Data**
- **Newsletters**
- **Data Validation**
- **Technical Info**
- **Presentations**
- **Reference**
- **Agency Participation**

**VPP Off Line Project**
- **Contract Document**
- **Usage Information:** includes contracting documents and data use agreement templates.

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<th>Coverage</th>
<th>Data Source</th>
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**Project Contact**
- **General Project Questions**
  - Contact: katleen-frankel, 301.405.6271
- **VPP Validation**
  - Contact: Marouf Hamadi, 301.405.2950
- **Vehicle Probe Project Suite**
  - Contact: eman@va.gov

**INRIX Data**
- Contact: Rick Schuman, 407-298-4346

**TomTom Data**
- Contact: Mark Orlin, (800) 331.7881 x13277

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**Upcoming Meetings**
- **UAV & Turning Mvnt Meeting Committee**
  - Date: November 9, 10:30 am - 12:00 pm
  - Location: Virtual
Starting Year 4 of Phase 2, does the program need an upgrade?

OR

OR
Do we add more choices to the pot to validate?

- Arterials
- Managed Lanes
- Reversible Lanes
- Tunnels
- Bridges
Here is the step process of the Data Validation Program

- **We need State locations defined in order to start.**

- **Deployment Planning**

- **Bluetooth Data Collection**

- **Bluetooth Data Processing**

- **Probe Vendors provide data to UMD**

- **Probe Data Processing**

- **UMD publishes the final report**

- **Report Production**

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*Figure 12. 24 hour overlay plot and CDF graph from 5PM to 6PM on segment N11-*
Let’s discuss next steps for this program

- Facilities
- Latency
- Process
- Expectations
- Contracting