



I-66 Inside the Beltway Bus on Shoulder (B-o-S) Pilot Program

**Update To TPB Task Force
September 18, 2013**

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Presentation Overview

- Team Introduction
- Pilot Program Update
- Engineering & Implementation Update
- B-o-S Trial Run Video ...*excerpts (full video 22 mins.)*
- Next Steps
- Questions / Comments / Suggestions

I-66 Bus-on-Shoulder Implementation Team

Genesis: Recommendation of the I-66 MMS

Team Members:

- FHWA
- FTA
- Transit operators
- VDOT (*Study working group...
...now moving to implementation*)

B-o-S Pilot Program Update

- **Planning Study Final Report completed May 2013**
(5 pilot locations; 2 near-term & 1 long-term)
- **Engineering Phase: Commenced May 2013**
 - ✓ Field Inspection
 - ✓ Trial run of B-o-S
(Pilot locations only; Loudoun County Transit bus; video)
 - ✓ Finalize pilot locations (consider field constraints, etc.)
- **(Re) Construction activities ...2014 “paving season.”**
- **Intent: B-o-S one year pilot period start Fall 2014**

Project Engineering Phase

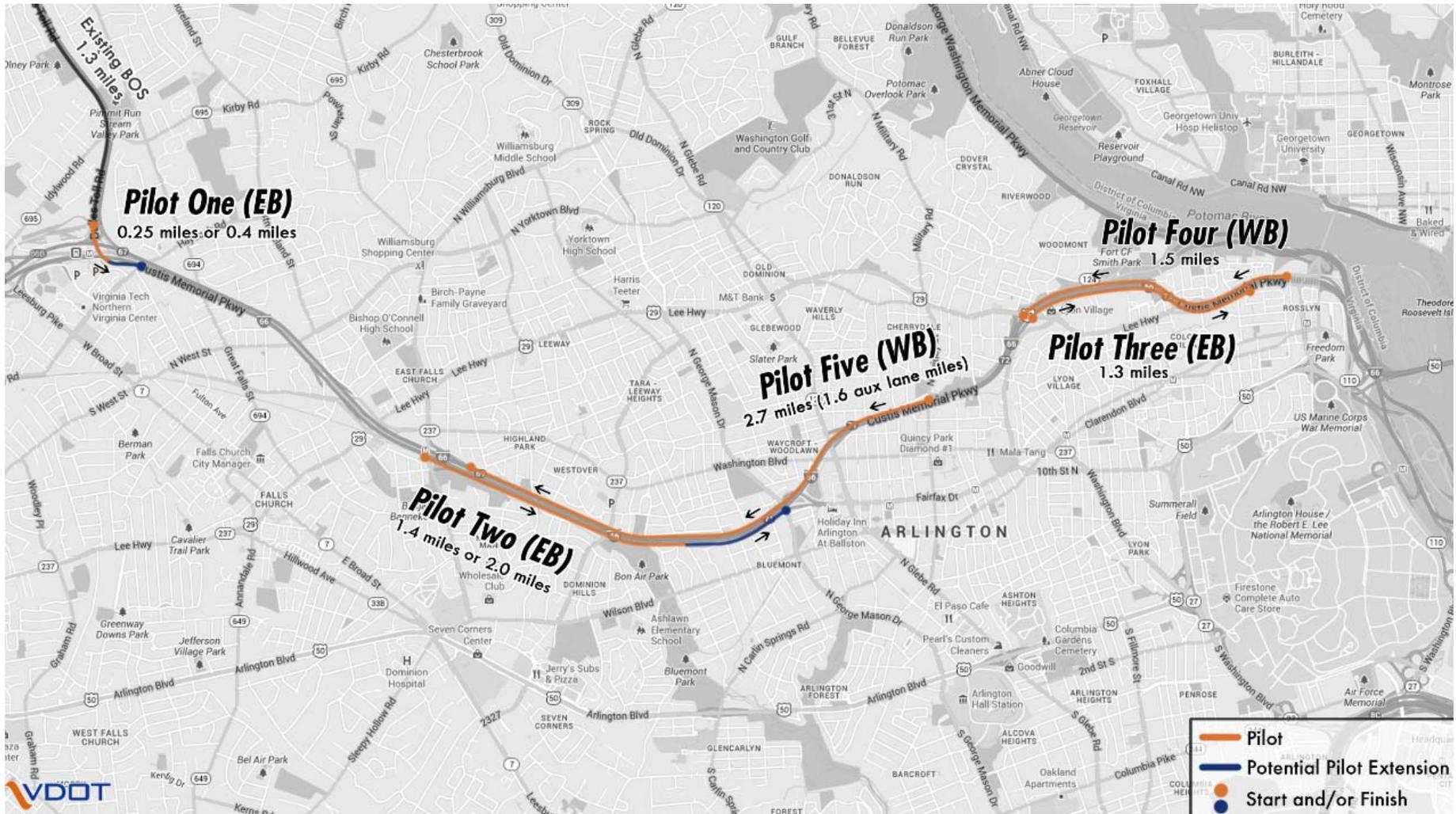
Design Philosophy:

- Avoid impacts to the travel lanes of mainline I-66
- Limit physical improvements to shoulders and signage
- Minimize cost

Considerations:

- Technical: Engineering (evaluation underway)
- Procurement: Delivery mechanism (evaluation underway)
- *Legislative: Authority for B-o-S operations*
- *Procedural: Agreements, Driver Training, etc.*
- *Evaluation: Measures of effectiveness ...and performance*

Updated Pilot Locations



The Video

Some general remarks:

- Represents a “field-test” scenario
- Test date: May 22, 2014 mid-morning, good weather.
- Transit bus with VSP and VSSP escort.
- “Real-life” incidents and operational conditions
- Annotated improvements within pilot locations
- Potentially used as a driver training or outreach tool

Next Steps Leading To Implementation

- **Engineering:**
 - Finalize design of physical improvements
 - Finalize procurement/delivery mechanism
- **Legislative/Administrative:**
 - *Authority for B-o-S operations*
 - *Measures of effectiveness ...and performance*
- **Procedural:**
 - *MOUs with Transit Operators*
 - *Public Outreach*



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Input, questions, thoughts...