



**I-66 Inside the Beltway
Bus on Shoulder Pilot Program
TPB Regional Public Transportation
Subcommittee
November 25, 2014**

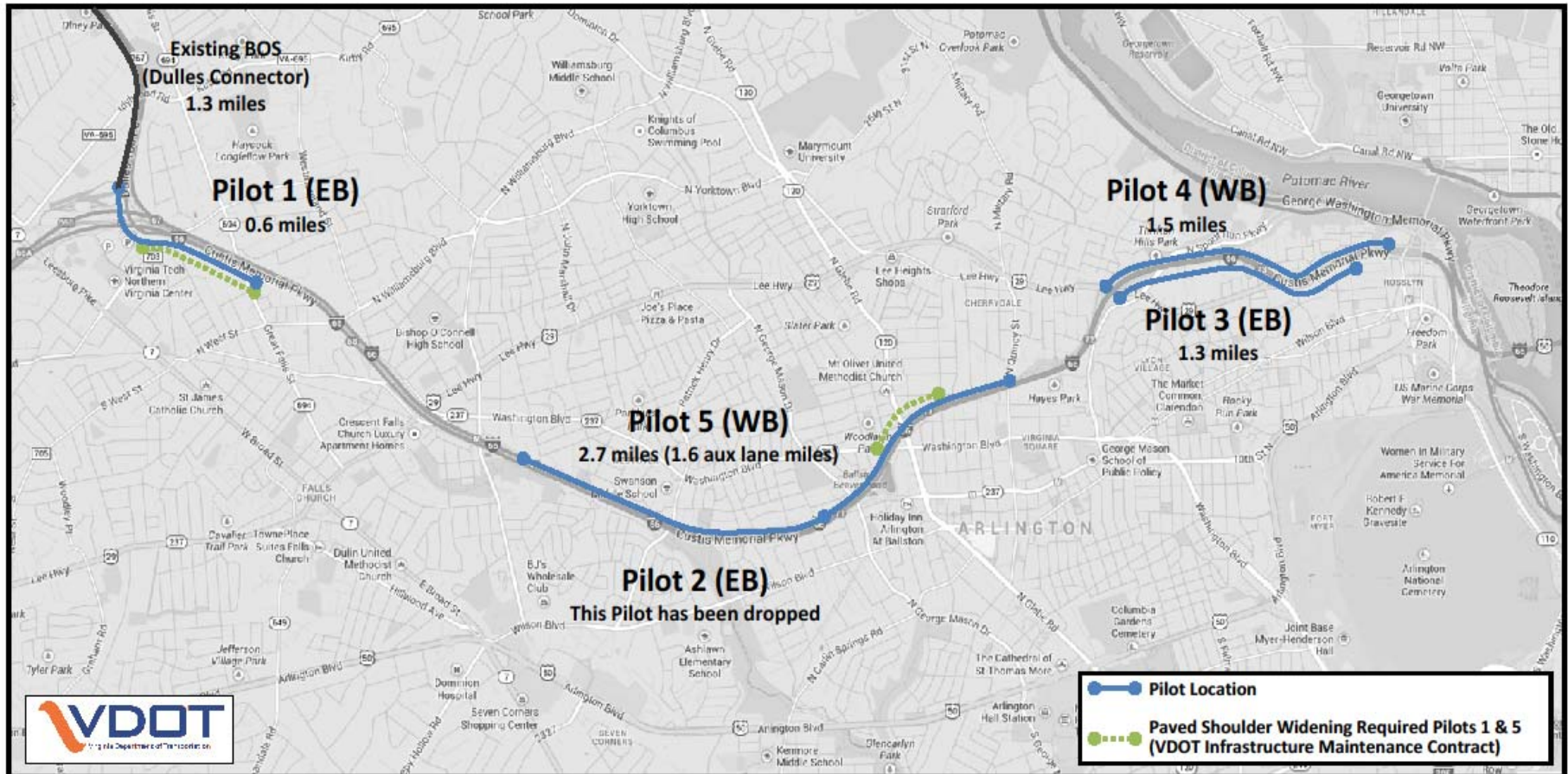
VDOT NOVA District

Agenda

- **Implementation Status Update**
- **Status of MOUs**
- **Driver Training**
- **Public Outreach**
- **Evaluation Process: Measures of Effectiveness**



BOS Pilot Locations



Implementation Status

Who	What	When
VDOT	Construction Done	Early Oct 2014
VDOT	Authorize BOS use	Mid Oct 2014
VDOT/Transit Agencies	Enter MOU	Dec. '14/Jan. '15
VDOT/Transit Agencies	Public Outreach	Dec. '14/Jan. '15
Transit Agencies	Driver Training	Dec. 2014
VDOT	Open BOS	Mid–Jan 2015
VDOT/Transit Agencies	BOS Evaluation	1 yr after start

Total Cost about \$600,000

Status of MOU's

Must be complete before tentative mid-January BOS start

Fairfax County:

- Await Board vote.
- Under Central Office/OAG Review

Loudoun Transit:

- Provisional Approval.
- Under Central Office/OAG Review

PRTC:

- Provisional Approval by PRTC Board granted.
- Comments recently sent to PRTC

WMATA:

- Received comments.
- Comments recently sent to WMATA

Public Outreach

VDOT Public Affairs

- Media outreach
- Web page update
- FAQs

DRPT Public Affairs

NVTC

Transit Agencies

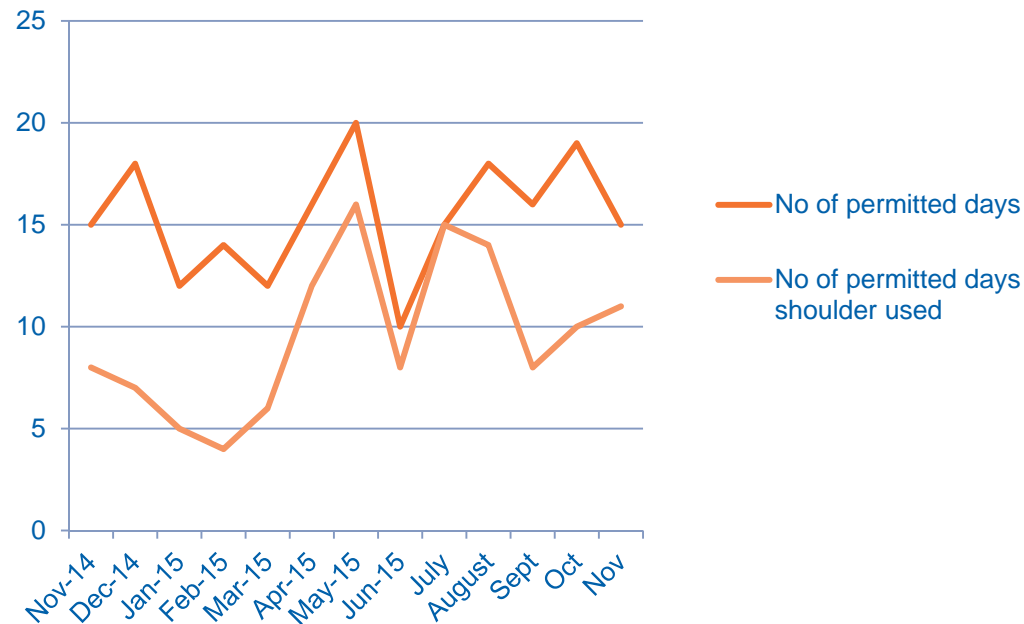
Driver Training

By Transit Agencies:

- Training Materials from literature provided by VDOT at last meeting
- Video of trial run provided by VDOT
- Coordination with VSP as necessary

Evaluation Process: Measures of Effectiveness (MOE's) Usage

- Usage: Number of Permitted days vs. Number of permitted days shoulder used
- Usage data: To be provided to VDOT by Transit Agencies (sample log part of MOU ...see *handout*).



Permitted day = Day when mainline speed \leq 35 mph during transit operating hours

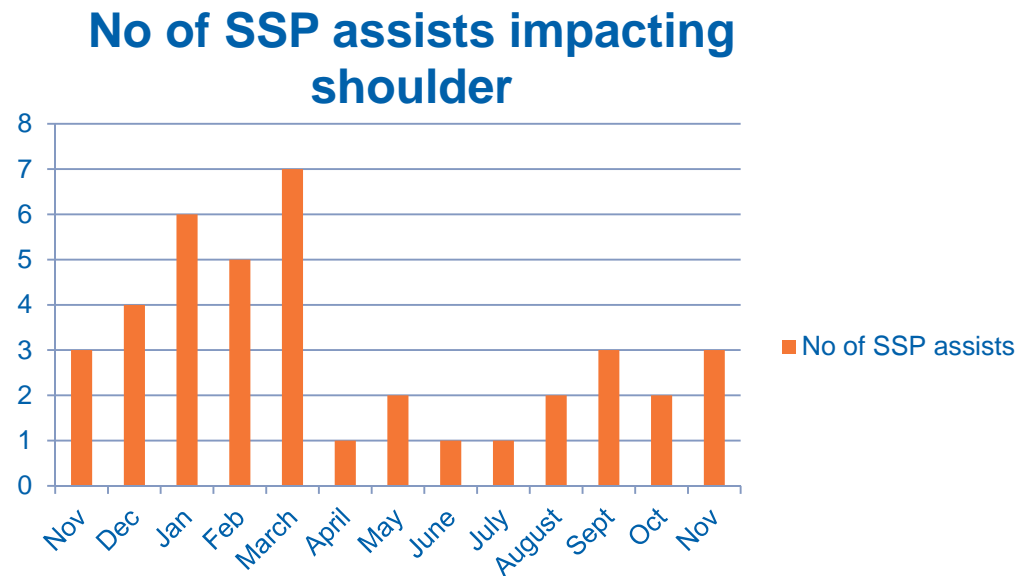
Evaluation Process: Measures of Effectiveness (MOE's) Safety

Safety:

- Number of bus incidents attributable to BOS operations.

Data to be provided to VDOT by Transit Agencies

- Number of Safety Service Patrol (SSP) assists impacting shoulder. *To be obtained by VDOT*



Evaluation Process: Measures of Effectiveness (MOE's) Benefit/Cost

Benefits vs. Shoulder upgrade cost to continue BOS

$$\frac{\text{Annualized value of time saved (riders + bus)}}{\text{Annualized shoulder maintenance upgrade costs}} \geq 1.0$$

Evaluation Process: Measures of Effectiveness (MOE's) Rider Feedback

- Rider “Seat Survey.” Positive feedback outweighs negative feedback
- Survey to be conducted by Transit Agencies
- Sample Survey Form

Evaluation Process: Measures of Effectiveness (MOE's)

- Determine if continued BOS operations are warranted after the 12 month pilot
- MOU states monthly team meetings (VDOT requests data monthly).
- Mid-year & Full-year evaluation of program efficacy

I-66 BOS Pilot Project

Thank you

Questions/Answers/Discussion