Dulles Area Transportation Association

October 11, 2017

Susan Shaw, P.E., Megaprojects Director  
Virginia Department of Transportation
Transform 66: Outside the Beltway
Project Overview

- Multimodal improvements to 22.5 miles of I-66
- 2 express lanes in each direction from I-495 to Gainesville
- 3 general purpose lanes in each direction
- HOV and transit access to express lanes
- Median space reserved for future transit
- Improved park-and-ride options with access to express lanes
- Bike-pedestrian trail integrated with existing and planned trails
November Design
Public Hearings

Segment 1 - Thursday, November 16, 2017
Piney Branch Elementary School Cafeteria-Gym
8301 Linton Hall Road, Bristow, VA 20136

Segment 2 - Tuesday, November 14, 2017
Stone Middle School Cafeteria
5500 Sully Park Drive, Centreville, VA 20120

Segment 3 - Monday, November 13, 2017
Oakton High School Cafeteria
2900 Sutton Road, Vienna, VA 22181

Hearing Agenda

Open House Starts:
6:00 p.m.

Presentation Begins:
7:00 p.m.

Comments:
7:30 – 8:30 p.m.

Comment period through November 29, 2017
Cross Section
Gainesville to Manassas, Centreville to Beltway
2022: Transforming I-66

$3B in transportation improvements designed to:

- Relieve congestion in all lanes
- Provide faster transit through Express Lanes
- Move 2,000 to 4,000 more people per hour
- Fund new buses and transit routes
- Add 4,000 new park-and-ride spaces
- Improve safety
Bicycle and Pedestrian Trails

- Shared use trails along I-66 that integrate with County and Park trail
- New crossings of I-66 improve and expand bicycle and pedestrians routes
- 11 miles of new bike trails by 66 EMP
- Over 7 miles of new bike trails by others
- 8 permanent count stations along the trail
- 11 bridges improved with additional bicycle and pedestrian locations
Proposed I-66 Trail Plan - Fairfax County
Prince William County Plan vs. Proposed I-66 Trail Plan

Source: 2008 Prince William County Comprehensive Plan, Trails Map
Preparing for Construction

• Pre-construction condition surveys underway for nearby properties
• Construction start-up Fall 2017 within existing right of way
• Construction ramp-up spring 2018
• Construction to take place throughout the 22.5 mile corridor for duration of project
• No lane closures on I-66 during peak periods
• Public will be kept informed through Transform66.org, social media, TV, radio, print media, roadway signage
• Provide advance construction information to adjacent communities and address issues of concern – Good Neighbor policy
## Potential Projects Funded by Concessionaire Payment

<table>
<thead>
<tr>
<th>Jurisdiction</th>
<th>Project</th>
<th>Request (Millions)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arlington County</td>
<td>East Falls Church Metrorail Station Bus Bay Expansion</td>
<td>$4.8</td>
</tr>
<tr>
<td>Fairfax County</td>
<td>Jermantown Road Bridge over I-66: Widen to four lanes</td>
<td>$11.0</td>
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<tr>
<td></td>
<td>Route 50 and Waples Mill Road intersection improvements</td>
<td>$2.0</td>
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<td></td>
<td>Monument Drive bridge pedestrian facility improvement</td>
<td>$3.8</td>
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<td></td>
<td>Commuter parking structure at Government Center/Fairfax Corner</td>
<td>$38.5</td>
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<td>Lee Highway pedestrian improvements: Completion of missing segments of pedestrian walkway on the south side of Lee</td>
<td>$1.3</td>
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<td></td>
<td>Highway from Nutley Street to Vaden Drive</td>
<td></td>
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<tr>
<td></td>
<td>Poplar Tree Road bridge construction to four lanes</td>
<td>$6.0</td>
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<tr>
<td></td>
<td>I-66 median widening (Lee Highway (Route 29) to Route 28) for WMATA Orange Line accommodation</td>
<td>$40.0</td>
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## Transform 66 Outside the Beltway
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<tr>
<td>Prince William County</td>
<td>Route 234 at Balls Ford Road interchange including Balls Ford Road improvements</td>
<td>$168.0</td>
</tr>
<tr>
<td></td>
<td>Balls Ford Road widening: Groveton Road to Route 234 Business (Sudley Road)</td>
<td>$67.4</td>
</tr>
<tr>
<td>City of Fairfax</td>
<td>George Snyder Trail: From Chain Bridge Road (Route 123) to Fairfax Boulevard (Route 50) at Draper Drive</td>
<td>$13.6</td>
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<tr>
<td>Town of Vienna</td>
<td>Nutley Street SW mixed-use trail: From Marshall Road SW to Tapawingo Road SW</td>
<td>$0.3</td>
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<tr>
<td>PRTC</td>
<td>Western bus maintenance &amp; storage facility</td>
<td>$11.1</td>
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<tr>
<td>VRE</td>
<td>VRE Manassas Line capacity expansion and real-time multimodal traveler information project (rolling stock, Broad Run station/parking/expansion, South Manassas 3rd track, Manassas Station platform extension, Manassas Park parking/bridge, real-time traveler info)</td>
<td>$128.5</td>
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<td><strong>Total</strong></td>
<td></td>
<td><strong>$496.3</strong></td>
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• Tolling begins December 2017
• Multimodal projects benefitting I-66 users funded by toll revenue
• Widening I-66 eastbound between Dulles Connector Road and Fairfax Drive-Exit 71 (approximately 4 miles) – construction begins in 2018 and open in 2020
Multimodal Components Update

• Commonwealth Transportation Board approved 10 projects totaling $9.8 million in July 2016

• Projects are expected to be operational by the time tolling begins in 2017

• Approved projects include:

<table>
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<tr>
<th>Transform 66 Multimodal Component Name</th>
<th>Funding Request</th>
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<tr>
<td>Fairfax Connector Express Service from Government Center to State Department/Foggy Bottom</td>
<td>$3,336,836</td>
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<tr>
<td>Loudoun County Stone Ridge Enhanced Transit</td>
<td>$1,940,939</td>
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<tr>
<td>Peak Period Service Expansion to Metrobus Route 2A, Washington Blvd-Dunn Loring</td>
<td>$1,000,000</td>
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<tr>
<td>PRTC Gainesville to Pentagon Commuter Service</td>
<td>$887,900</td>
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<tr>
<td>Loudoun County Transportation Demand Management</td>
<td>$623,000</td>
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<tr>
<td>Expanded Transit Access, Through Capital Bikeshare</td>
<td>$500,000</td>
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<tr>
<td>Bus Stop Consolidation and Accessibility Improvements</td>
<td>$462,000</td>
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<tr>
<td>Peak Period Service Expansion to ART Bus Route 55</td>
<td>$450,000</td>
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<tr>
<td>Expanded TDM Outreach to the I-66 Corridor</td>
<td>$350,000</td>
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<tr>
<td>Multimodal Real-Time Transportation Information Screens</td>
<td>$250,000</td>
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For more information, visit 66expresslanes.org
Transform66:
Transportation Management Plan
The TMP Goals:

- Maintain mobility during construction
- Enhance public & worker safety
- Provide reliable information so travelers can better plan their trips throughout the construction zone.

Three broad strategy groups in TMP:

- Transit and Transportation Demand Management
- Traffic Operations and Incident Management
  - On I-66 & the local arterial network
- Communications and Outreach
Transform66 TMP Partnerships

- **VDOT**
  - Develop, coordinate and fund TMP strategies

- **EMP**
  - Develop the Maintenance of Traffic (MOT) plans to manage traffic flows during construction
  - Contribute equipment and staff to support the TMP
  - Provides public outreach support for the project

- **Local Agencies**
  - Operate and administer the TMP strategies
Transit & TDM Strategies

- New Park & Ride Lot in Haymarket
- 50% fare subsidy for existing commuter bus service
- Supplement capacity on existing commuter bus routes
- New service from Front Royal to PRTC lots
  - Ties into subsidized OmniRide bus routes
Transit & TDM Strategies

• Enhanced carpool incentives under Commuter Connections

• Vanpool formation incentives

• Telework formation subsidies up to $10K per employer

• Subsidized EZPass Flex transponders for low income commuters
Traffic & Incident Management Strategies:

**Interstate Work Zone**

- Supplemental Virginia State Police patrols
- Additional Safety Service Patrols in work zones
- Enhanced wrecker service
- Speed and traffic monitoring
- On-site warning and communications signage
Traffic & Incident Management Strategies:

Local Arterial Network

• Traffic monitoring and analysis
• Spot Improvements
• Traffic Calming measures
• On-site warning and communications signage
Communication & Outreach Strategies

- Travel information in and around work zones
- Promoting non-SOV travel options in work zones
- Targeted outreach to:
  - Businesses
  - Homeowner Associations
  - Community Events
- Advanced notice of major construction impact events
THANK YOU

Transform66.org