I-66 Improvements Overview
18 January 2018

Jeffrey M. Parnes
Federation Transportation Committee Co-Chair
Fairfax County Transportation Advisory Commission Chair and Sully Rep
Sully District Council Land Use and Transportation Committee Chair

Leonard Wolfenstein AICP
Chief, Transportation Planning Section
Fairfax County Department of Transportation
November Design Public Hearings

- Project Overview
- Project Update
- Timeline and Process Going Forward
November Design
Public Hearings

Hearing Agenda

Open House Starts:
6:00 p.m.

Presentation Begins:
7:00 p.m.

Comments:
7:30 – 8:30 p.m.

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

Comment period through
November 29, 2017
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
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
May/June 2015
VDOT Design
Public Hearings

October 2015
Public Information Meetings

October 2016
Technical Proposals Submitted from Two Teams Including Alternative Technical Concepts (ATC’s)

June 2017
Public Information Meetings

November 2016
Partner Selected (I-66 Express Mobility Partners)

Summer 2017
Concept Adjustments

Late 2017
Construction Start-up Activities

Fall 2017 - Winter 2018
Environmental and Traffic Analyses

TODAY
Route 28 Interchange

- Makes space for future Rt 28 HOV lane connectivity to Express Lanes
- Increases travel options and connectivity, adds direct access to Braddock/Walney from westbound express lane
- Reconnects Braddock and Walney Roads
- Removes 4 traffic lights by mid-2020
Route 50 Interchange

• Provides access from southbound Route 50 to eastbound I-66 Express Lanes and from westbound I-66 Express Lanes to northbound Route 50

• Makes space for future connection between northbound Route 50 and eastbound I-66 express lanes

• Incorporates a new shared used path and new bike/pedestrian connections to communities
Gallows Road Bridge Realignment

- Accommodates future Gallows Road improvements
- Additional buffer space between the school and Gallows Road
- Improves the curve on Gallows Road near the entrance of the school
- Transitions from 6 lanes to 4 lanes south of the school entrance
Right of Way

**Activity To Date**
- 200 property owners (commercial and residential) notified of access needs and surveys – **March 2017**
- Initiated 1-on-1 contact with residential relocation owners – **Spring 2017**
- Survey work -- **April through September 2017**
- Design Public Hearings – **November 2017**

**Next Steps**
- Outreach and letters to impacted landowners – **after hearings through June 2018**
- Appraisals and interviews with property owners
- Estimated 75-90 days between appraisals and offers for properties
- Acquisition negotiations
Noise Analysis Process

- Identify noise receptors
- Perform noise measurements at representative receptors along corridor
- Perform noise modeling to identify impacts
- Design and assess noise walls
- Noise walls were shown in preliminary concept plans in 2015
- Show preliminary noise wall locations on updated 2017 design plans

- Perform final noise analyses based upon design plans & updated traffic
  - Is the wall feasible?
  - Is the wall reasonable?
- Publish final noise study results and noise wall locations in 2018
- Solicit input from benefited property owners & renters (voting process)
- Include approved noise walls into final plans
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
Proposed Trail Design

- Near homes, the trail will be on the I-66 side of the noise wall
- Areas where the trail can be relocated outside the noise barrier are being explored
- Along I-66, concrete barrier with fence will separate the trail from the roadway
Addressing Visual Aesthetics

- Draft Corridor Aesthetics (CA) Plan under development by FAM
- Plan provides a context sensitive solution for the project corridor
- Unique corridor elements identified and considered in the development of the proposed aesthetic options for the corridor
- FAM and I-66 EMP will engage with localities and key stakeholders for input in the final CA plan

Proposed sample architectural treatments. Additional options are under consideration.
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
Public Engagement: Your Opinion Counts

• 140 homeowners associations contacted in 2017

• 40+ briefings held with homeowners associations, community organizations, and other key stakeholders since March 2017

• Ongoing briefings for elected officials since March 2017

• June 2017 Public Information Meetings and November 2017 Design Public Hearings

• Transform66.org website will continue to be updated as information is available

• Community outreach will continue throughout project duration
• 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
Tolling on I-66 Inside the Beltway – Initial Observations

Board Transportation Committee
December 12, 2017

Tom Biesiadny, Director
Department of Transportation
I-66 Inside the Beltway Tolling

• VDOT implemented peak period, peak direction, dynamic tolling on I-66 inside the Beltway on December 4, 2017.
• Tolls in place: 5:30 a.m. to 9:30 a.m. Eastbound
  3:00 p.m. to 7:00 p.m. Westbound
• Tolls vary based on number of vehicles. Tolls set to maintain a 55 mph speed.
• Carpools (HOV-2+) travel for free. EZ Pass Flex transponder required.
• Tolls support the repayment of the cost of the tolling equipment; maintenance of the tolling equipment; transit and transportation demand management strategies to reduce congestion; and improvements to benefit the toll payers.
Initial Toll Pricing

- 12/4: High Toll a.m. peak: $34.50 paid by 39 people of more than 13,000 total vehicles; average toll was $10.70
- 12/5: High Toll a.m. peak: $40.00 only for several minutes
- 12/6: High Toll a.m. peak: $23.00
- 12/11: sample tolls: $10.75 entering from Beltway at 7:00 a.m.
  $18.25 entering from Beltway at 7:30 a.m.
  $19.25 entering from Beltway at 8:00 a.m.
  $19.00 entering from Beltway at 8:30 a.m.
  $16.50 entering from Beltway at 8:45 a.m.
  $11.25 entering from Beltway at 9:00 a.m.

- P.M. tolls have generally been lower to A.M. tolls
- Toll information available at: [https://vai66tolls.com/#](https://vai66tolls.com/#)
Route 699: Service Debrief

- Implementation of Fairfax Connector’s first express bus service to the District of Columbia.
Route 699 – Summary

- NEW express bus route from Fairfax County Government Center to Downtown Washington
- Route serves four stops in the District, including the State Department, World Bank, and George Washington University
- 10 in-bound morning trips and 10 out-bound afternoon trips
- 15 to 30-minute frequency
- Operates from 5:40 to 9:08 a.m. and 3:25 to 7:18 p.m.
- Travel time: 43 to 51 minutes (most trips under 50 minutes)
Route 699 – Summary

- Route is made possible by Northern Virginia Transportation Commission (NVTC) Multimodal “Commuter Choice” Grant using toll revenue.
- “Commuter Choice” Grants are part of NVTC’s strategy to increase the I-66 carrying capacity by shifting some single occupancy vehicle (SOV) trips to transit and other ridesharing initiatives.
- Funding will cover both operations and the purchase of 5 new buses for this service.
- Express fare of $4.25 will be charged on this route.
Route 699 – Routing
Route 699 – Ridership

- First week’s (4 days) preliminary ridership was 318
  - AM counts
    - Monday: 61
    - Tuesday: 70
    - Wednesday: 89
    - Thursday: 98
- Average of about 8 passengers per trip
- 30-40% of riders on December 4 had never ridden the Connector.
- Kick off: First week=free fare
- Second week: began regular $4.25 fare
Route 699 – On-time Performance

• Route 699 on-time performance evaluation will be ongoing and may fluctuate depending on I-66 road performance.

• Customers are responding positively to the new service.
  – “It’s the best commute I’ve had in 7 years.”
  – “This is my first time riding transit.”
  – “This is fantastic!”
  – “This new route is a lifesaver and will save me a ton of money.”
  – “I’ve been wanting a bus to DC like this for years. Please add more.”
  – “Really impressed with the service.”
  – “I can’t believe it’s only $4.25! This is going to be a popular option.”
I-66 Inside the Beltway Monitoring

- Significant monitoring efforts underway
  - Tolls
  - Auto Occupancy, travel time and traffic on adjacent roadways
  - Metrorail ridership and parking
  - Park-and-ride usage
  - Fairfax Connector ridership on Route 699 and other routes
  - Metrobus ridership
I-66 Inside the Beltway Monitoring

- VDOT monitoring multiple aspects of the project, including tolls, auto occupancy and travel time on I-66 and the impact on adjacent roadways.
- For Monday, December 4; a.m. peak
  - 13,473 vehicles
  - 38% or 5,082 vehicles traveled in carpools for free
  - Travel times: 10-12 minutes vs. 15-30 minutes in December 2016
- Traffic on Route 7, Route 29 and Route 50 was either similar or improved from December 2016.
- P.M. period also being monitored.
Metrorail Ridership and Parking

• Metro is monitoring ridership and parking on the Orange and Silver Lines.

Change in Total Weekly Boardings

<table>
<thead>
<tr>
<th>Location</th>
<th>December 2016 vs. December 2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vienna</td>
<td>0.67%</td>
</tr>
<tr>
<td>Dunn Loring</td>
<td>-2.00%</td>
</tr>
<tr>
<td>West Falls Church</td>
<td>0.31%</td>
</tr>
<tr>
<td>East Falls Church</td>
<td>-2.22%</td>
</tr>
<tr>
<td>Wiehle-Reston East</td>
<td>1.10%</td>
</tr>
<tr>
<td>Spring Hill</td>
<td>-5.51%</td>
</tr>
<tr>
<td>Greensboro</td>
<td>-6.19%</td>
</tr>
<tr>
<td>Tysons Corner</td>
<td>-2.06%</td>
</tr>
<tr>
<td>McLean</td>
<td>2.26%</td>
</tr>
</tbody>
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• Parking utilization was up at Vienna and Wiehle-Reston East.
Park-and-Ride Usage

- Initial park-and-ride observations at lots in the I-66 and Dulles Corridors.
- Metrorail SafeTrack maintenance activity throughout most of 2016.
- The Herndon-Monroe Park-and-Ride Lot is under construction in December 2017.

<table>
<thead>
<tr>
<th>Park-and-Ride Lot</th>
<th>Dec-16</th>
<th>Dec-17</th>
<th>Change</th>
<th>% Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Centreville United Park-and-Ride</td>
<td>28</td>
<td>31</td>
<td>3</td>
<td>11%</td>
</tr>
<tr>
<td>Government Center Park-and-Ride</td>
<td>60</td>
<td>116</td>
<td>56</td>
<td>93%</td>
</tr>
<tr>
<td>Herndon Monroe Park-and-Ride</td>
<td>682</td>
<td>623</td>
<td>-59</td>
<td>-9%</td>
</tr>
<tr>
<td>Reston South Park-and-Ride</td>
<td>49</td>
<td>65</td>
<td>16</td>
<td>33%</td>
</tr>
<tr>
<td>Stone Road Park-and-Ride</td>
<td>259</td>
<td>248</td>
<td>-11</td>
<td>-4%</td>
</tr>
<tr>
<td>Stringfellow Park-and-Ride</td>
<td>305</td>
<td>388</td>
<td>83</td>
<td>27%</td>
</tr>
<tr>
<td>Wiehle-Reston East Metrorail Station</td>
<td>1717</td>
<td>2226</td>
<td>509</td>
<td>30%</td>
</tr>
<tr>
<td>Overall</td>
<td>3100</td>
<td>3697</td>
<td>597</td>
<td>19%</td>
</tr>
</tbody>
</table>
I-66 Inside the Beltway Summary

• One week is not enough time to reach conclusions.
• December is typically a lower travel month.
• December travel patterns are less uniform than other months.
• It will take time for commuters to decide which form of travel works best for them.
• Also want to look at impacts to other Fairfax Connector routes and Metrobus routes.
The Virginia Department of Transportation (VDOT) plans to construct a new connector ramp from the eastbound I-66 Exit 66 (Route 7) on-ramp to the West Falls Church Metro parking garage. The project also includes auxiliary lanes on eastbound I-66 at Exit 66.

In accordance with the National Environmental Policy Act (NEPA) and 23 CFR 771, a Categorical Exclusion (CE) has been prepared. In compliance with the National Historic Preservation Act, Section 106 and 36 CFR Part 800, information concerning the potential effects of the proposed project on properties listed in or eligible for listing in the National Register of Historic Places is also provided in the environmental document.

Review the CE at the VDOT Northern Virginia District Office located at 4975 Alliance Drive, Fairfax, Virginia, 22030. Please call ahead at 703-259-1929 or TTY/TDD 711 to ensure the availability of appropriate personnel to answer your questions.

Submit your written comments about the CE to Ms. Halie Mitchell, Environmental Specialist, at the address above by June 5, 2017. You may also e-mail comments to Halie.Mitchell@VDOT.virginia.gov. Please reference “I-66 Eastbound Connector Ramp” in the subject line.

VDOT ensures non-discrimination and equal employment in all programs and activities in accordance with Title VI and Title VII of the Civil Rights Act of 1964. If you need more information or special assistance for persons with disabilities or limited English proficiency, contact VDOT’s Civil Rights Division at 703-259-1775 or TTY/TDD 711.
Public Notice

Willingness for Public Comments

Proposed Limited Access Control Changes

Interstate 66 adjacent to the East Falls Church Metro Station

Arlington County

The Virginia Department of Transportation (VDOT) is accepting comments regarding the proposed limited access control changes for the limited access line along I-66 adjacent to the East Falls Church Metro Station.

Information related to the limited access control changes is available for review at VDOT's District Office at 4975 Alliance Drive, Fairfax, Virginia 22030. Please call ahead at 703-259-2239; 800-367-7623 or TTY/TDD 711 to ensure appropriate personnel are available to answer your questions.

VDOT invites public comments related to the proposed limited access control changes. Comments must be received in writing via e-mail at meetingcomments@vdot.virginia.gov (please reference “Proposed Limited Access Control Changes: Interstate 66 adjacent to the East Falls Church Metro Station” in the subject line) or by mail at the address listed above (ATTN: Andrew Beacher) on or prior to December 11, 2017.

VDOT ensures nondiscrimination and equal employment in all programs and activities in accordance with Title VI and Title VII of the Civil Rights Act of 1964. If you need more information or special assistance for persons with disabilities or limited English proficiency, contact VDOT's Civil Rights at 703-259-1775 or TTY/TDD 711.
Transform 66 Outside the Beltway Concession Payment Projects

Public Hearing

Thursday, Jan. 4, 2018
Open house at 6 p.m.; hearing begins at 6:30 p.m.

VDOT Northern Virginia District Office
4975 Alliance Drive
Fairfax, VA 22030

If cancelled for inclement weather, the alternate date will be Friday, Jan. 5, 2018.

The Commonwealth Transportation Board invites you to comment on projects to be funded by a concession fee to the Commonwealth as part of the financial agreement with Express Mobility Partners for the I-66 Express Lanes Outside the Beltway project. At a future meeting, the CTB will vote to amend these projects in the Commonwealth’s Six-Year Improvement Program.

Information related to the following projects will be available:

- Rt. 234/Balls Ford Road interchange and relocation in Prince William
- Virginia Railway Express Manassas Line upgrade - Phase I
- Balls Ford Road widening from Groveton Road to Route 234 Business (Sudley Road) in Prince William
- I-66 median widening at Route 29 for WMATA in Fairfax
- Commuter parking garage at Fairfax Corner
- George Synder Trail in Fairfax City
- Widem Jermantown Road bridge to four lanes over I-66 in Fairfax
- Western bus maintenance facility in Prince William
- East Falls Church Metro Bus bay expansion in Arlington
- Monument Drive bridge pedestrian improvements in Fairfax
- Rt. 50/Waples Mill Road intersection improvements in Fairfax
- Construct Poplar Tree Road bridge to four lanes over Route 28 in Fairfax
- Lee Highway pedestrian improvements in Fairfax
- Nutley Street SW multi-use trail to Metro in Vienna

If you cannot attend the hearing, email comments to meetingcomments@vdot.virginia.gov and reference “I-66 Concession Projects” in the subject line, or mail them to Maria Sinner at VDOT’s District Office, 4975 Alliance Drive, Fairfax, VA 22030 through Jan. 8, 2018.

VDOT ensures nondiscrimination and equal employment in all programs and activities in accordance with Title VI and Title VII of the Civil Rights Act of 1964. If you need more information or special assistance for persons with disabilities or limited English proficiency, contact VDOT’s Civil Rights Division at 703-259-1775 or TTY/TDD 711.
Questions?
Contact Information

• Jeffrey Parnes
  • SullyTac@sullydistrict.org
  • FedTransportationChr2018@FairfaxFederation.org
  • LUTChair2018@sullydistrict.org

• Leonard Wolfenstein
  • Leonard.Wolfenstein@fairfaxcounty.gov