

## Get Involved

VDOT representatives will review and evaluate information received as a result of this meeting. Please fill out the comment sheet provided in this brochure if you have any comments or questions. You may leave the sheet or any other written comments in the comment box, or mail/email your comments.

Comments must be postmarked, emailed or delivered to VDOT by **November 18, 2019**.

Send comments to Mr. Sitaram Kodali at the address below or email **meetingcomments@vdot.virginia.gov**. Please reference "Fairfax County Parkway Widening" in the subject line.

Project information shared at this meeting will be available online at **www.virginiadot.org/projects** and at VDOT's Northern Virginia Office.

## Contact Information

<b>Primary Contact:</b> <b>Sitaram Kodali, P.E.</b> sitaram.kodali@vdot.virginia.gov	Location & Design	4975 Alliance Drive Fairfax, VA 22030	703-691-6710
<b>Andrew Beacher, P.E.</b> andrew.beacher@vdot.virginia.gov	Preliminary Engineering	4975 Alliance Drive Fairfax, VA 22030	703-259-2239
<b>Brian Costello</b> brian.costello@vdot.virginia.gov	Right of Way & Utilities	4975 Alliance Drive Fairfax, VA 22030	703-259-2986
<b>Jennifer McCord</b> jennifer.mccord@vdot.virginia.gov	Communications	4975 Alliance Drive Fairfax, VA 22030	703-259-1779

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Public Information Meeting

# Fairfax County Parkway Widening Fairfax County

**Wednesday, November 6, 2019**  
**6:30 p.m. to 8:30 p.m.**  
**Presentation starts at 7 p.m.**

**James W. Robinson, Jr. Secondary School**  
 5035 Sideburn Road  
 Fairfax, VA 22032

## Public Information Meeting

Welcome to the Virginia Department of Transportation's (VDOT) public information meeting on proposed plans to widen Fairfax County Parkway (Route 286) from four to six lanes between Route 29 (Lee Highway) and Route 123 (Ox Road). The proposed project design also includes an interchange at Popes Head Road and the future Shirley Gate Road extension, improvements to the existing trail in the Fairfax County Parkway right of way and construction of a new shared-use path to make the trail continuous within the project limits. We look forward to your active participation.

This public information meeting is being held to provide an opportunity for citizens and

organizations to give VDOT comments and/or suggestions on the proposed project. VDOT strives to ensure that all members of the community have the opportunity to participate in public decisions on transportation projects and programs affecting them.

VDOT representatives are present to discuss the project and answer your questions. A comment sheet is included in this brochure and your input is encouraged. All written comments received on this project will be reviewed by the design team.

## Project Overview



### Purpose:

Aims to reduce congestion and improve safety and accessibility

### Project Length:

About 5 miles from just north of Lee Highway (Route 29) to Ox Road (Route 123)

### Improvements:

Widen Fairfax County Parkway from four to six lanes between Route 29 and Route 123, build an interchange at Popes Head Road and the future Shirley Gate Road Extension, improve the existing trail in the Fairfax County Parkway right of way, and build a new shared-use path to make the trail continuous within the project limits

## Project Description

This project aims to reduce congestion and improve safety and access by widening Fairfax County Parkway (Route 286) from four to six lanes between Route 29 (Lee Highway) and Route 123 (Ox Road). The proposed project design also includes an interchange at Popes Head Road and the future Shirley Gate Road extension, improvements to the existing trail in the Fairfax County Parkway right of way and construction of a new shared-use path to make the trail continuous within the project limits.

The preferred design option for the Popes Head Road interchange incorporates triple roundabouts that will allow traffic to flow freely via two new bridges over Fairfax County Parkway.

Tonight's meeting is being held to obtain feedback from the community about the preferred design option for the Popes Head Road interchange and preliminary design options for the Fairfax County Parkway widening.

### Popes Head Road and Shirley Gate Road Extension Interchange

#### Triple Roundabouts (Preferred Design Option)

- Aims to improve safety and reduce congestion by removing the signalized intersection
- Provides direct access to the future Shirley Gate Road Extension and Patriot Park with connections to the realigned Popes Head Road
- Allows traffic to flow without traffic signals, includes two new bridges over Fairfax County Parkway



### Estimated Project Cost

Preliminary Engineering: **\$14 million**

Right of Way Acquisition/Utility Relocation: **\$19.5 million**

Construction:  
**Popes Head Interchange: \$73.3 million**  
**Widening: \$183 million**

Total Cost: **\$290 million**

These project costs are estimates and subject to change as the project design is further developed. Currently the interchange is fully funded and widening is partially funded.

The project is being financed with federal, state and local funds, including Smart Scale and Northern Virginia Transportation Authority funding.

### Civil Rights

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 Civil Rights at 703-259-1775.

### Right of Way

Preliminary right of way impacts presented on the displays are conceptual in nature and may change as the design is refined. The property owners will be informed of the exact location of the easements during the right of way acquisition process and prior to construction.

Information about right of way purchase is discussed in VDOT's brochure, "Right of Way and Utilities: Guide for Property Owners and Tenants." Copies of this brochure are available here from VDOT personnel. After this meeting, information regarding right of way may be obtained from the right of way contact listed in this brochure.

### Anticipated Schedule

Public Information Meeting  
**Nov. 6, 2019**

Comment Period Ends  
**Nov. 18, 2019**

Design Public Hearing  
**Winter 2019/20**

Begin Construction  
**Popes Head interchange construction will be determined as the project delivery method is finalized.**

**Fairfax County Parkway widening construction will be determined as additional funding becomes available.**

### Environmental Review

In compliance with the National Environmental Policy Act (NEPA) and 23 CFR Parts 771 and 772, an Environmental Assessment (EA) (which includes a Preliminary Noise Analysis) was prepared and approved by the Federal Highway Administration (FHWA) for public availability. Pursuant to the National Historic Preservation Act, Section 106 and 36 CFR 800, information concerning the potential effects of the proposed improvements on historic properties is also included in the EA. In accordance with 23 CFR 774, notice is given of the FHWA's intent to issue Section 4(f) de minimis impact findings with respect to the project's use of Patriot and Popes Head Parks.



Public Information Meeting

# Fairfax County Parkway Widening Fairfax County

**Wednesday, November 6, 2019**  
**6:30 p.m. to 8:30 p.m.**  
**Presentation starts at 7 p.m.**

James W. Robinson, Jr. Secondary School  
5035 Sideburn Road  
Fairfax, VA 22032

## COMMENT SHEET

Federal Project: STP-5A01 (775), State Project Number: 0286-029-259, P101, UPC: 107937

**All comments are subject to public disclosure.**

Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
Neighborhood: \_\_\_\_\_  
Email: \_\_\_\_\_

1. Do you have any concerns about the preferred design option?

2. Please provide us with any additional information or suggestions that you think will assist in the completion of the project.

3. How did you hear about this meeting?

Newspaper    Postcard Mailer    Email    Social Media    Website    Other: \_\_\_\_\_

Please leave this comment sheet at the designated location, mail your comments (postmarked November 18, 2019) to the addressee on the reverse side, or email to [meetingcomments@vdot.virginia.gov](mailto:meetingcomments@vdot.virginia.gov). Please include "Fairfax County Parkway Widening" in the email subject line.

Fold Line

Postal Service  
will not  
deliver without  
a stamp

Virginia Department Of Transportation  
Northern Virginia District  
Sitaram Kodali, P.E.  
4975 Alliance Drive  
Fairfax, VA 22030

Fold Line

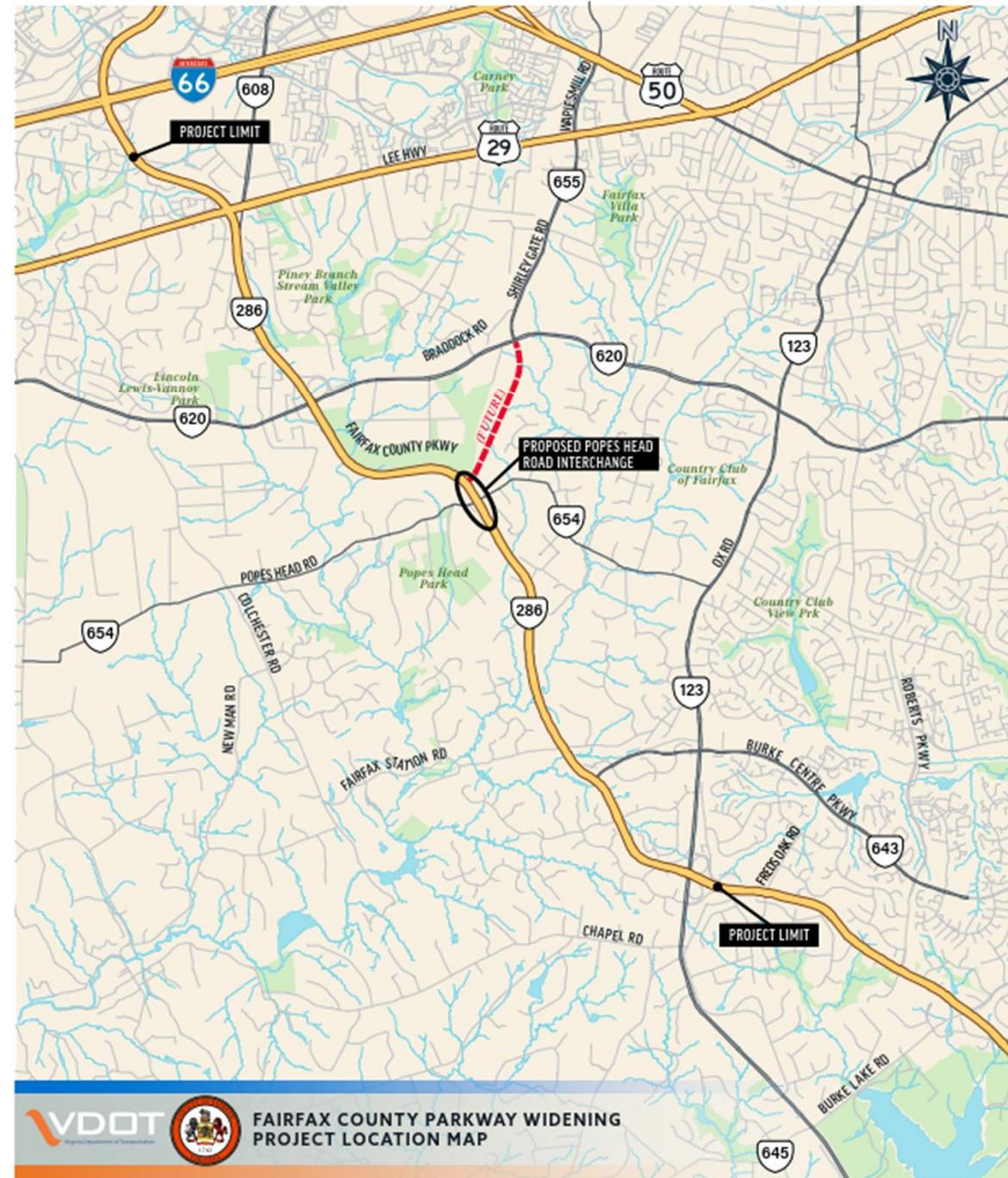


# Fairfax County Parkway (Route 286) Widening Project

Route 29 (Lee Highway) to Route 123 (Ox Road)  
State Project No. 0286-029-259, P101; UPC 107937

November 6, 2019  
6:30 to 8:30 PM

Public Information Meeting



# Tonight's Meeting Agenda

- **Project Objectives and Overview**
- **Discuss Project Updates**
- **Provide Project Schedule Update**
- **Questions and Answers**

**Nicholas Roper, VDOT District Engineer for Project Development**

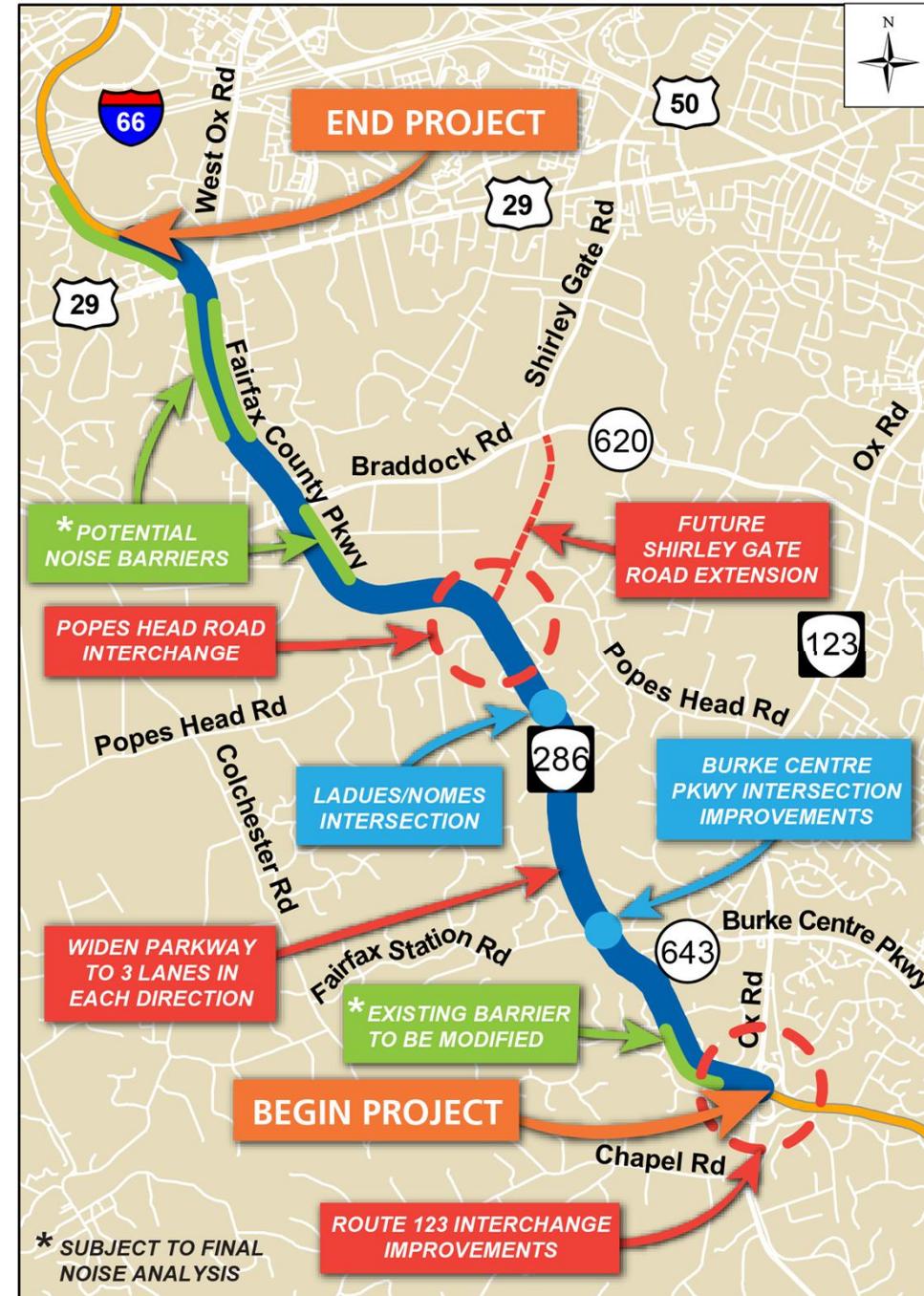
**Andrew Beacher, VDOT, Project Sponsor**

**John Maddox, WRA, Design Consultant**

**Sitaram Kodali, VDOT, Design Project Manager**

# Project Objectives and Overview

- Reduce recurring congestion along the corridor
- Provide access to future Patriot Park development and the future extension of Shirley Gate Road
- Improve safety at crash “hot-spots”
- Provide continuous shared use path for pedestrians and bicyclists



# Public Outreach

- First Public Information Meeting (Dec. 7, 2017)
- Individual meetings with Homeowners Associations/Civic Associations and targeted communities (Jan. 2018 through Oct. 2019)
- Fall 2018 Public Information Meetings (Sept. 25, Sept. 27, and Oct. 3, 2018)
- Public Information Meeting (Jan. 7, 2019)
- Tonight's Public Information Meeting (Nov. 6, 2019)



Public Information Meeting  
**Fairfax County Parkway Widening**  
Fairfax County  
Monday, January 7, 2019  
6:30 a.m. to 8:30 a.m.  
Presentation starts at 7 p.m.  
James W. Robinson, Jr. Secondary School  
5023 Stephens Road  
Fairfax, VA 22032

COMMENT SHEET  
Project: 52P-SAP1-1775, State Project Number: 5281-026-206, FDOT LFC 16787

All comments are subject to public disclosure.

Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
Neighborhood: \_\_\_\_\_  
Email: \_\_\_\_\_

1. Which option do you prefer at the intersection of Fairfax County Parkway and Burke Centre Parkway?  
 Option A: Right Turn/Left Turn Only  
 Option B: Allow all turning movements except prohibit Left Turn from Burke Centre Parkway  
 Other: \_\_\_\_\_

2. Which option do you prefer for the proposed interchange at Fairfax County Parkway and Pipes Head Road?  
 Option 1 (Preferred): Triple Roundabouts  
 Option 2A: Modified Single Roundabout with Additional Ramp  
 Other (Please describe): \_\_\_\_\_

3. If feasible and within the project budget, do you support removing the curve (small hills) on Pipes Head Road west of the Fairfax County Parkway between Riverbank Court and Quiet Brook Road?  
 Yes  
 No

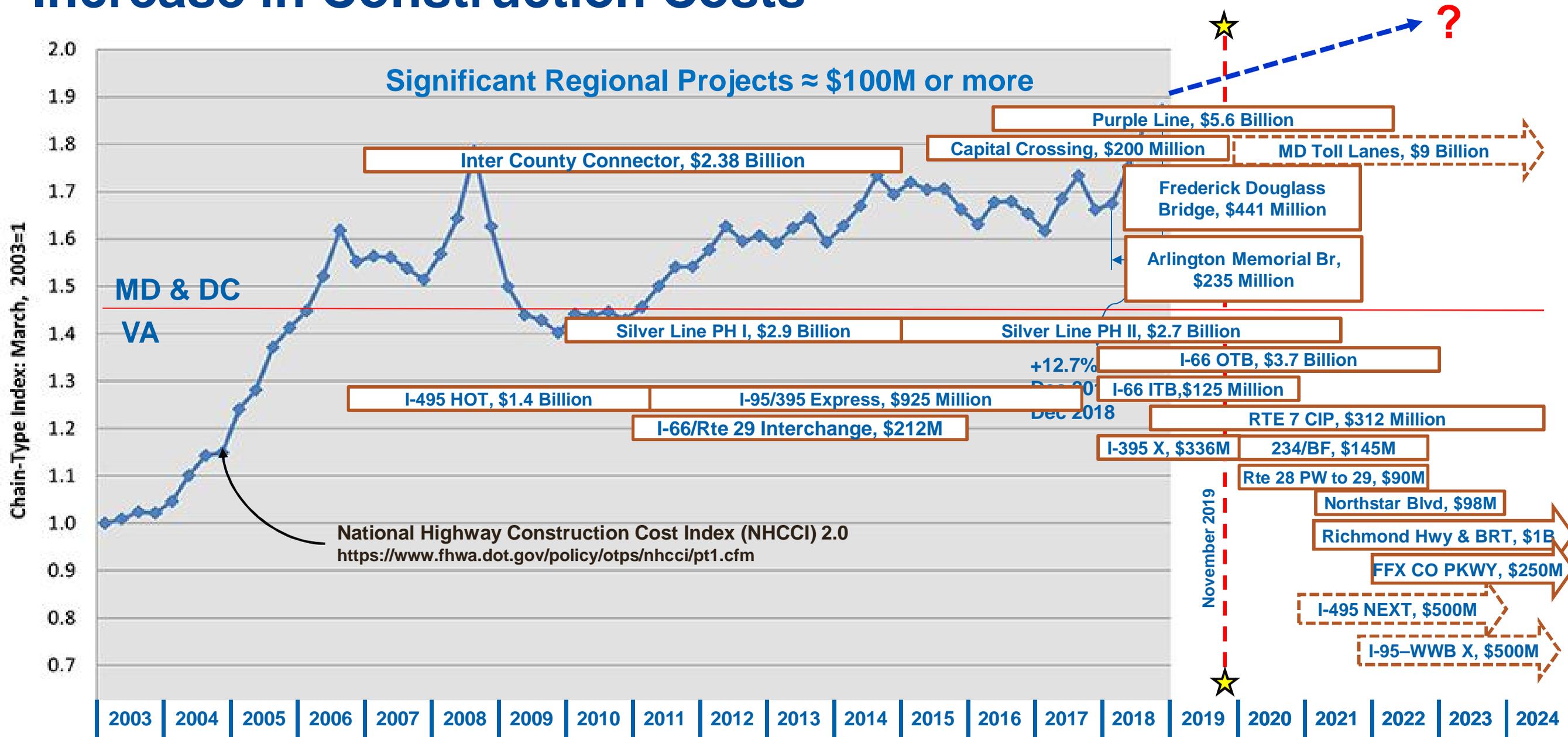
4. How did you hear about this meeting?  
 Newspaper  Mailer  Social Media  Website  Other: \_\_\_\_\_

*Thank you for all the effort that goes into holding these meetings! You are appreciated!*

Please send this comment sheet to the designated location. We will contact you if we need more information. The address on the upper left is used to identify responses. You do not have to include Fairfax County Parkway Widening in the title of your letter.



# Increase in Construction Costs



# Popes Head & Shirley Gate Interchange

## Development & Delivery Options

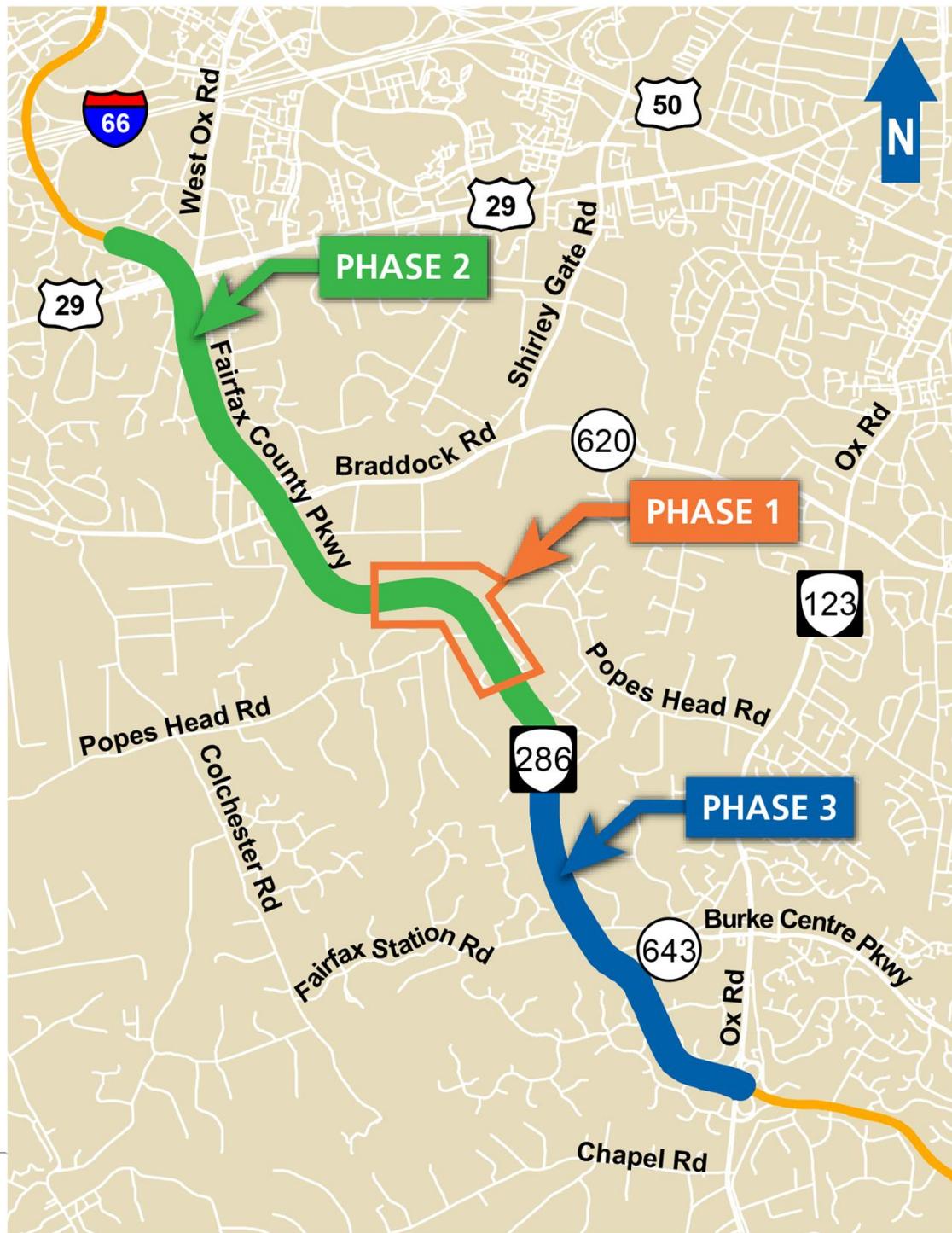


- Current market trends point to increasing construction costs
- Unprecedented number of projects > \$100 million are currently underway in the DC Metro region & the last two design-build projects were over budget
- Conventional design-bid-build will be less expensive but it will take 1.5 additional years
- Decision – use Design-Bid-Build



# Project Phasing

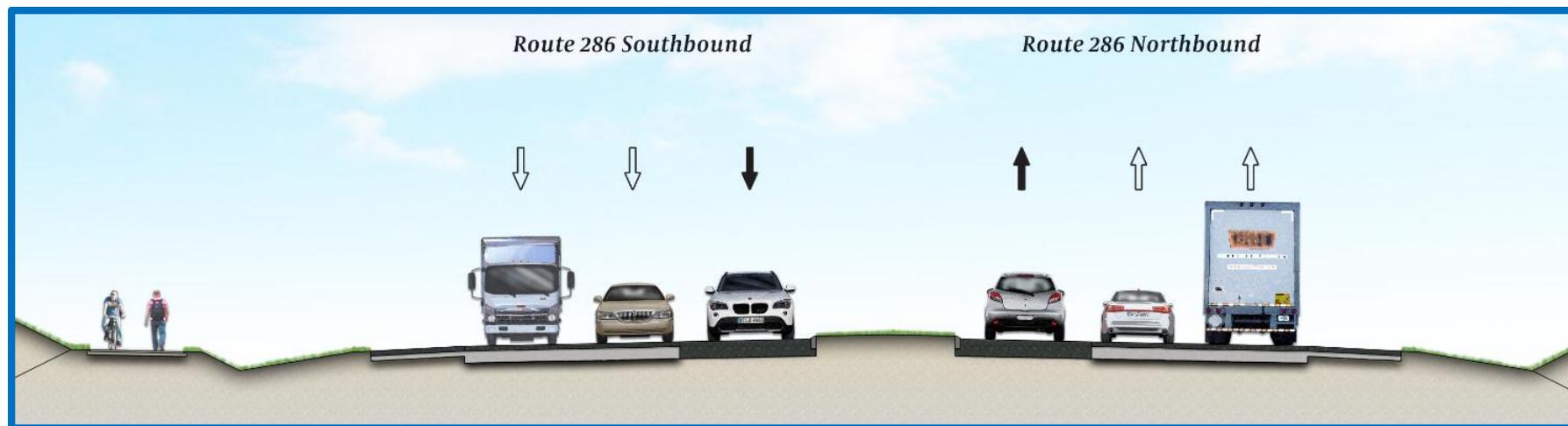
- Phase 1**  
Popes Head Road and Shirley Gate Road Interchange
- Phase 2**  
Fairfax County Parkway Widening Northern Segment (Approx. 4 miles)
- Phase 3**  
Fairfax County Parkway Widening Southern Segment (Approx. 2 miles)



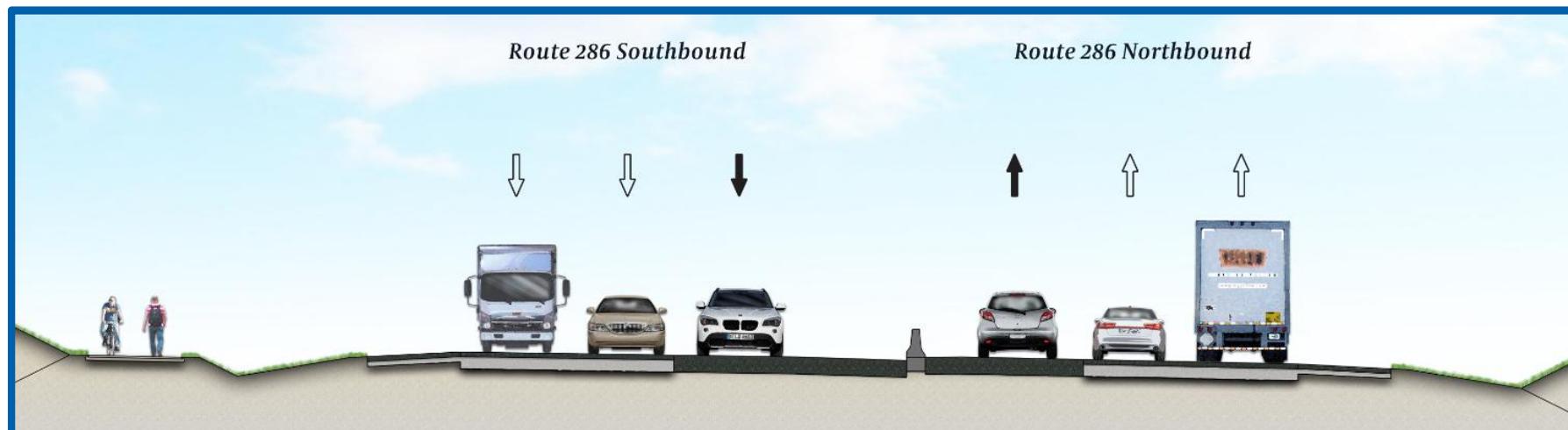
# Project Updates

- **Median Treatment**
- **Burke Centre Parkway Intersection Modifications**
- **Popes Head Road Interchange Options**
  - **Including Ladues End Lane Extension**
- **Project Schedule**
- **Project Estimate and Funding**

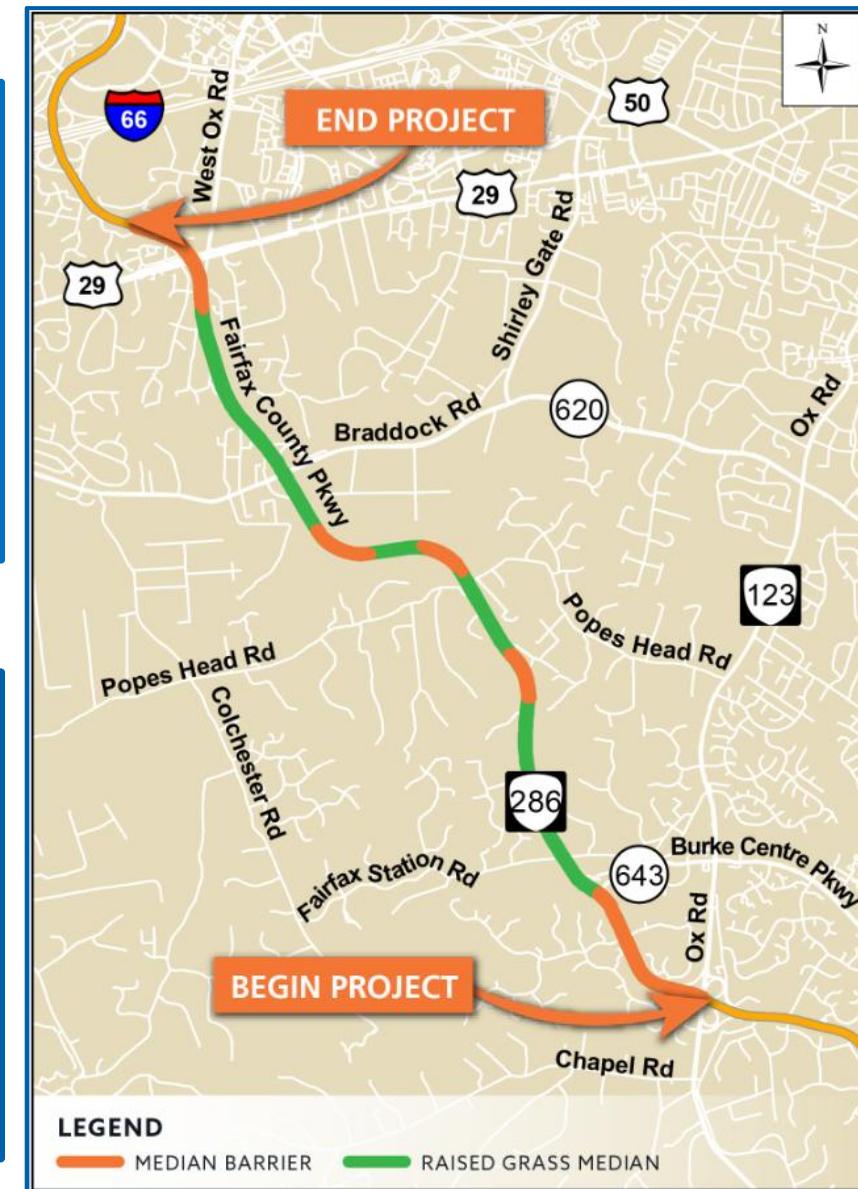
# Median Treatment



**Grass Median**



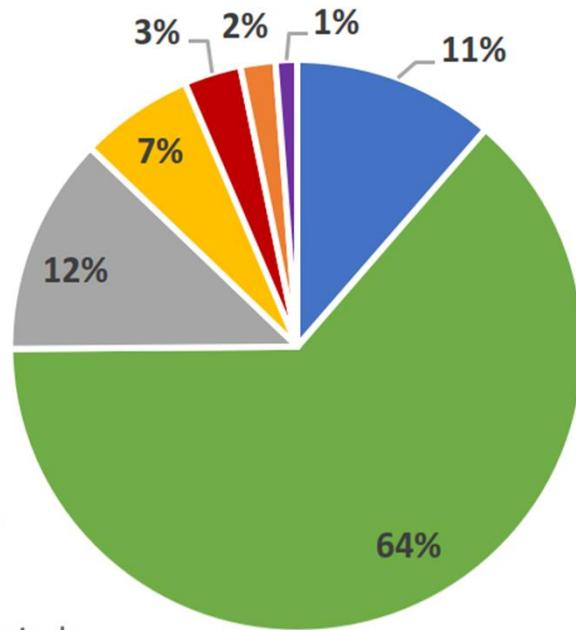
**Median Barrier**



# Burke Centre Parkway Intersection

## Options presented at January 2019 public information meeting

- Overwhelming majority supported retaining ability to turn left from Fairfax County Parkway onto Burke Centre Parkway



**Over 350 responses received**

- Option A
- Option B
- Flyover/Interchange
- No Change
- Eliminate LT Peak Periods
- Option B 2nd choice, or interim solution
- Re-assess later



**Option A: Right-In/Right-Out Only**

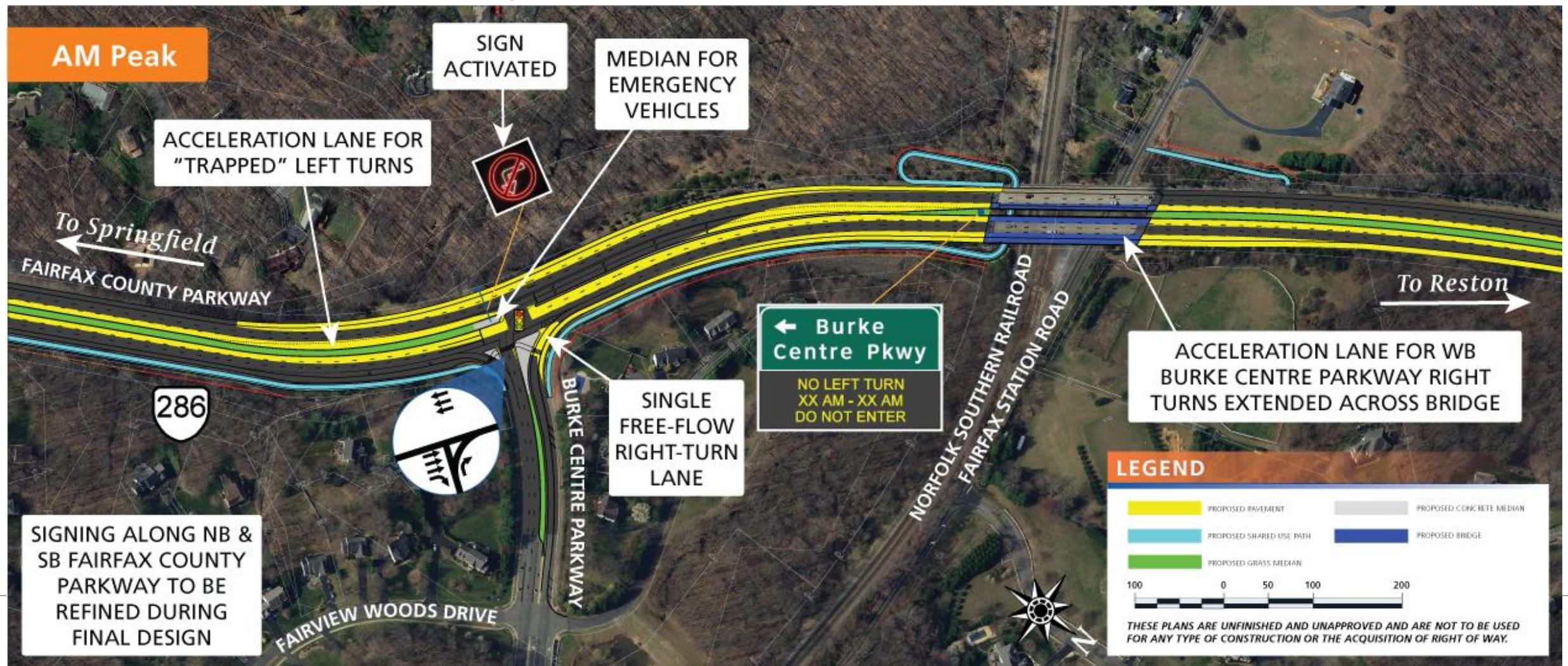


**Option B: Allow All Turning Movements Except Prohibit Left Turns from Burke Centre Parkway**

# Burke Centre Parkway Intersection – Preferred Alternative

## Option C: Time of Day Left-Turn Restriction

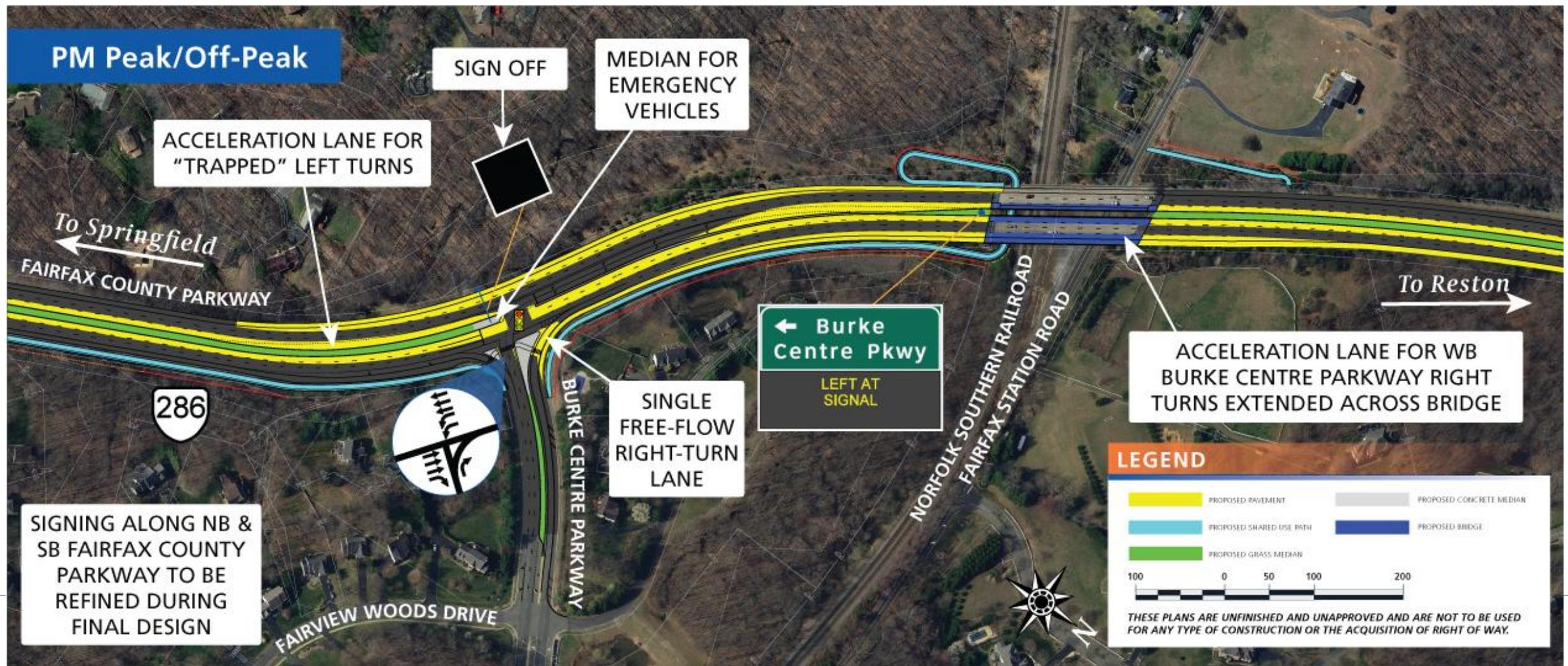
- AM Peak: Right-In/Right-Out Only
- PM Peak/Off Peak: Allow All Turning Movements Except Prohibit Left Turns from Burke Centre Parkway



# Burke Centre Parkway Intersection – Preferred Alternative

## Option C: Time of Day Left-Turn Restriction

- AM Peak: Right-In/Right-Out Only
- PM Peak/Off Peak: Allow All Turning Movements Except Prohibit Left Turns from Burke Centre Parkway



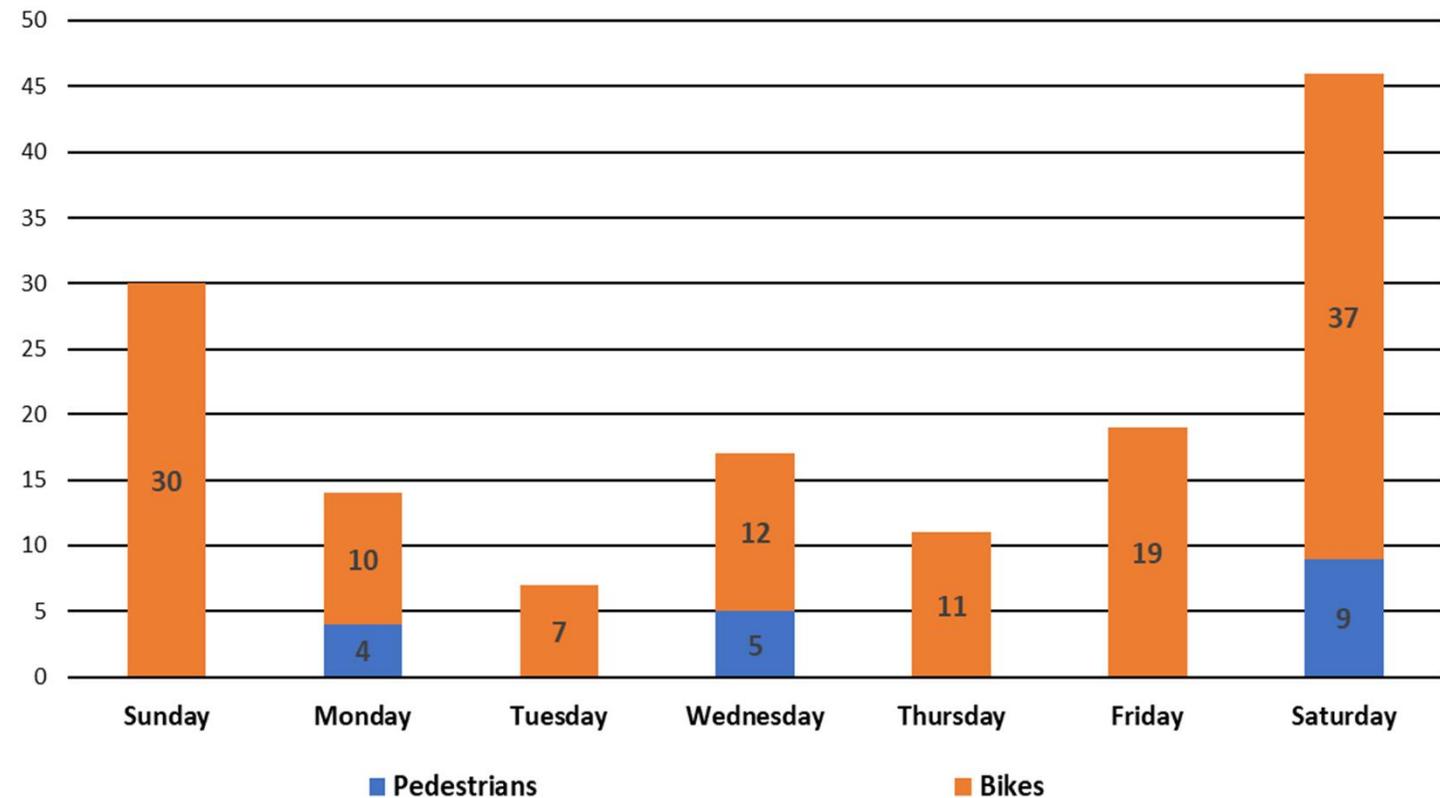
# Fairfax County Parkway Trail – North of Burke Centre Pkwy

## Two-Way Pedestrian and Bike Counts

- Data collected for one week during summer of 2019
- 144 total pedestrians / bicyclists observed
  - 18 (12%) pedestrians / 126 (88%) bicyclists
  - 60 (42%) northbound / 84 (58%) southbound

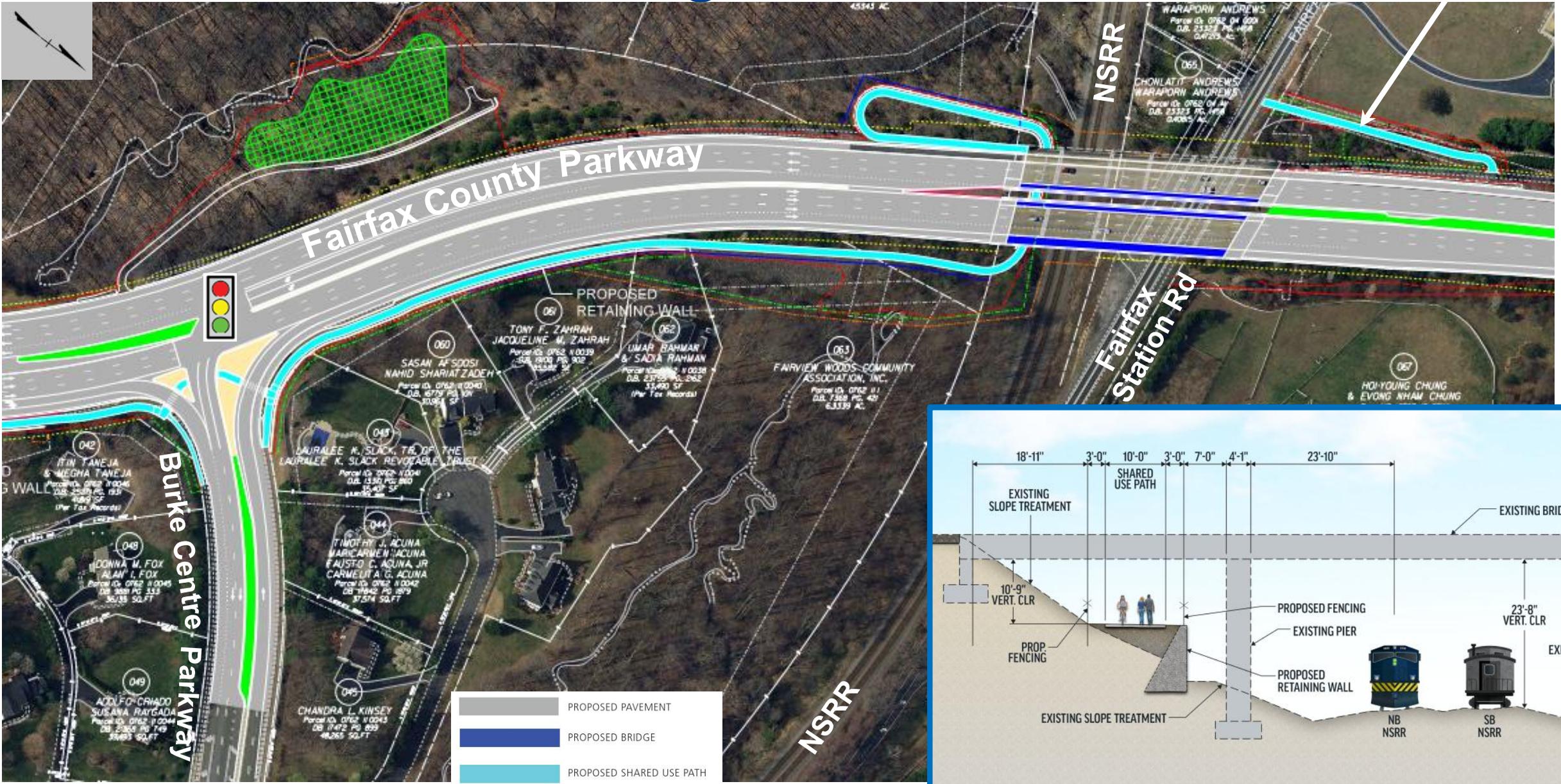


Pedestrian and Bicycle Counts



# Shared Use Path Crossing

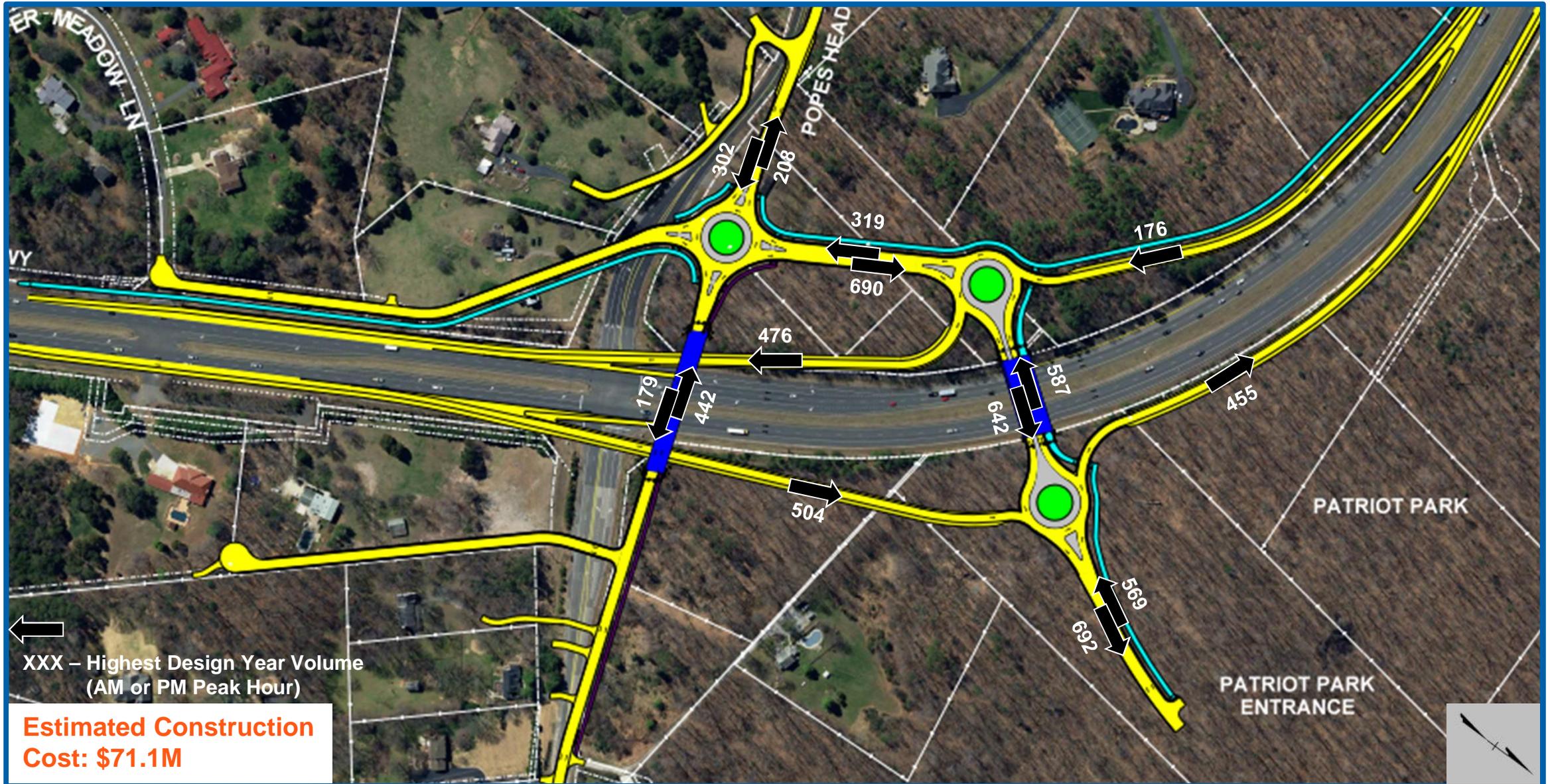
Shared Use Path Connection to Fairfax Station Rd



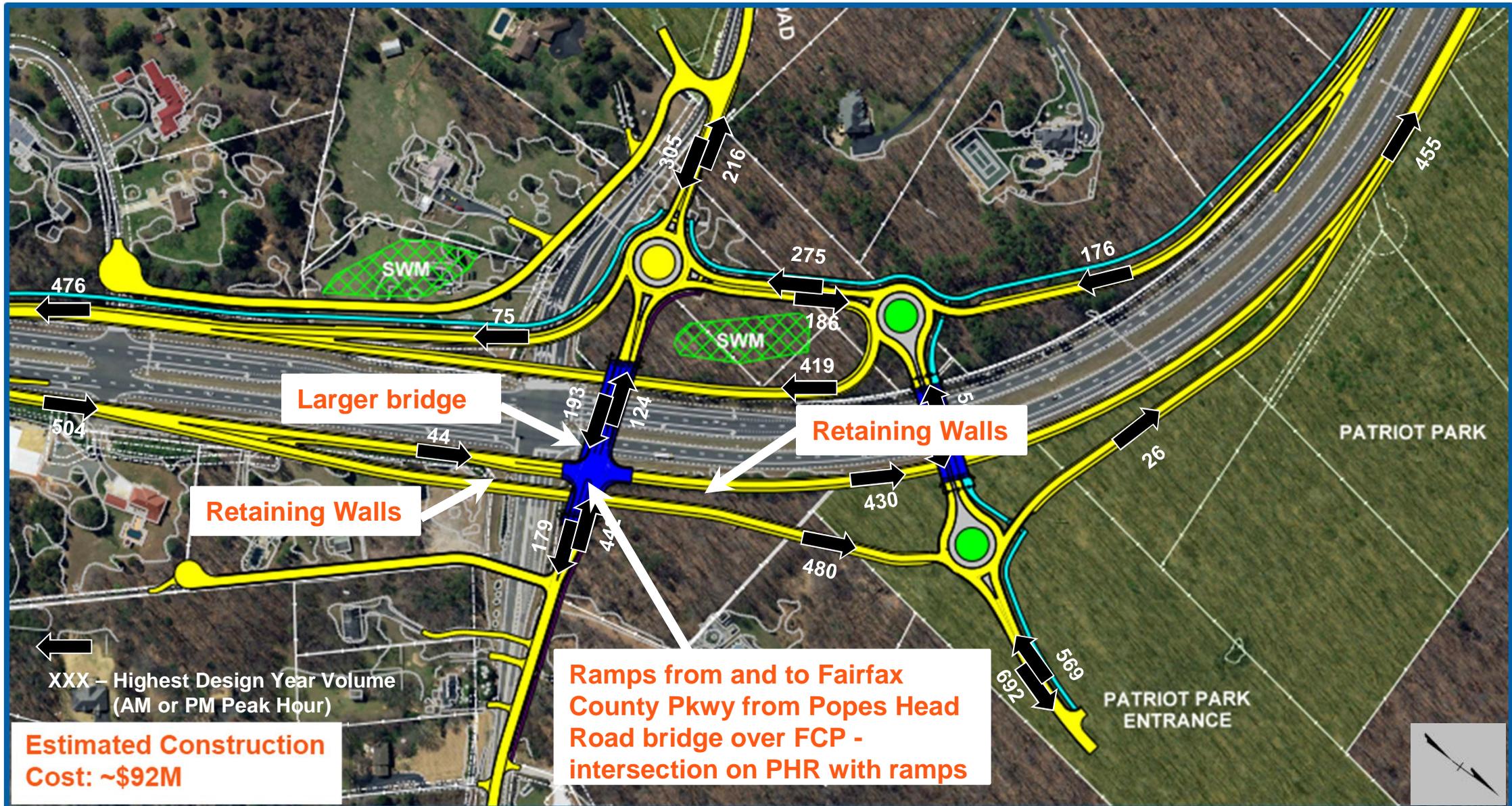
# Popes Head Road Interchange

- **Option 1 (Triple Roundabouts) shown as preferred option at January 7, 2019 Public Information Meeting**
- **June 2019 Project Team directed to investigate additional interchange options**
  - **Evaluated two options that provided direct access to Popes Head Road in addition to Shirley Gate Road extension**
  - **Evaluated phasing of interchange construction**

# Popes Head Road & Shirley Gate Road Interchange Option 1 – Preferred Jan. 2019



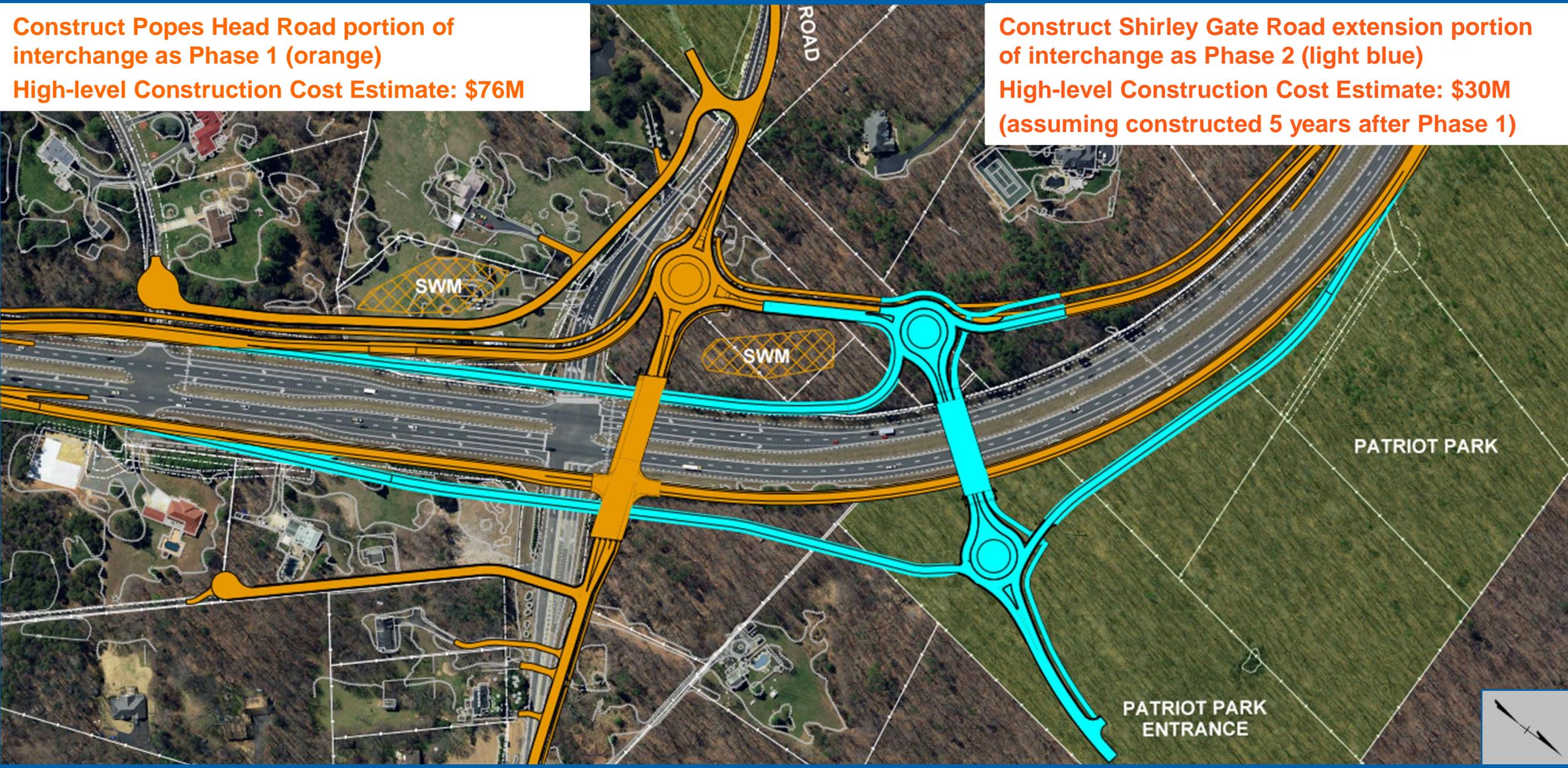
# Popes Head Road & Shirley Gate Road Interchange Option 1C



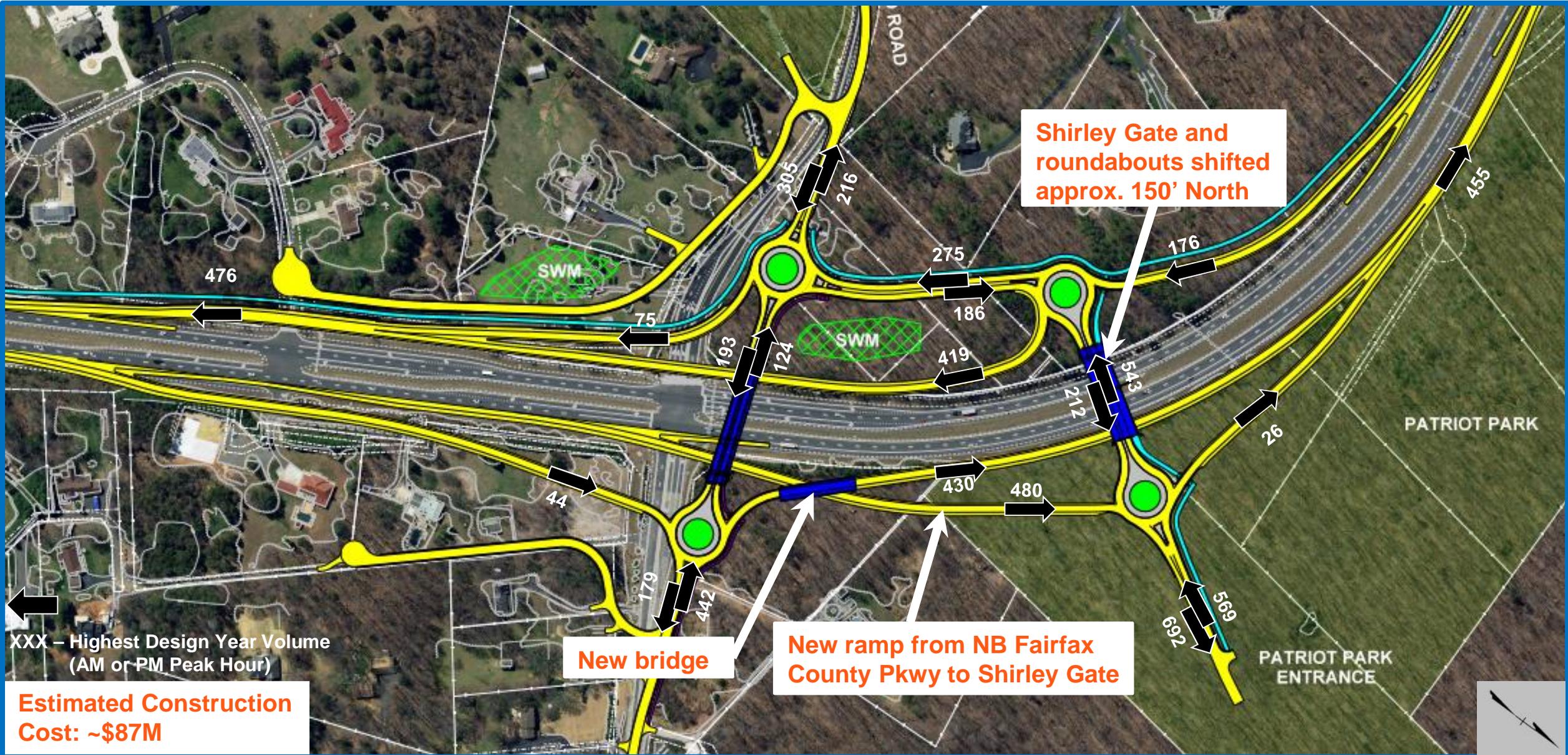
# Ability to phase construction for Option 1C

Construct Popes Head Road portion of interchange as Phase 1 (orange)  
High-level Construction Cost Estimate: \$76M

Construct Shirley Gate Road extension portion of interchange as Phase 2 (light blue)  
High-level Construction Cost Estimate: \$30M  
(assuming constructed 5 years after Phase 1)



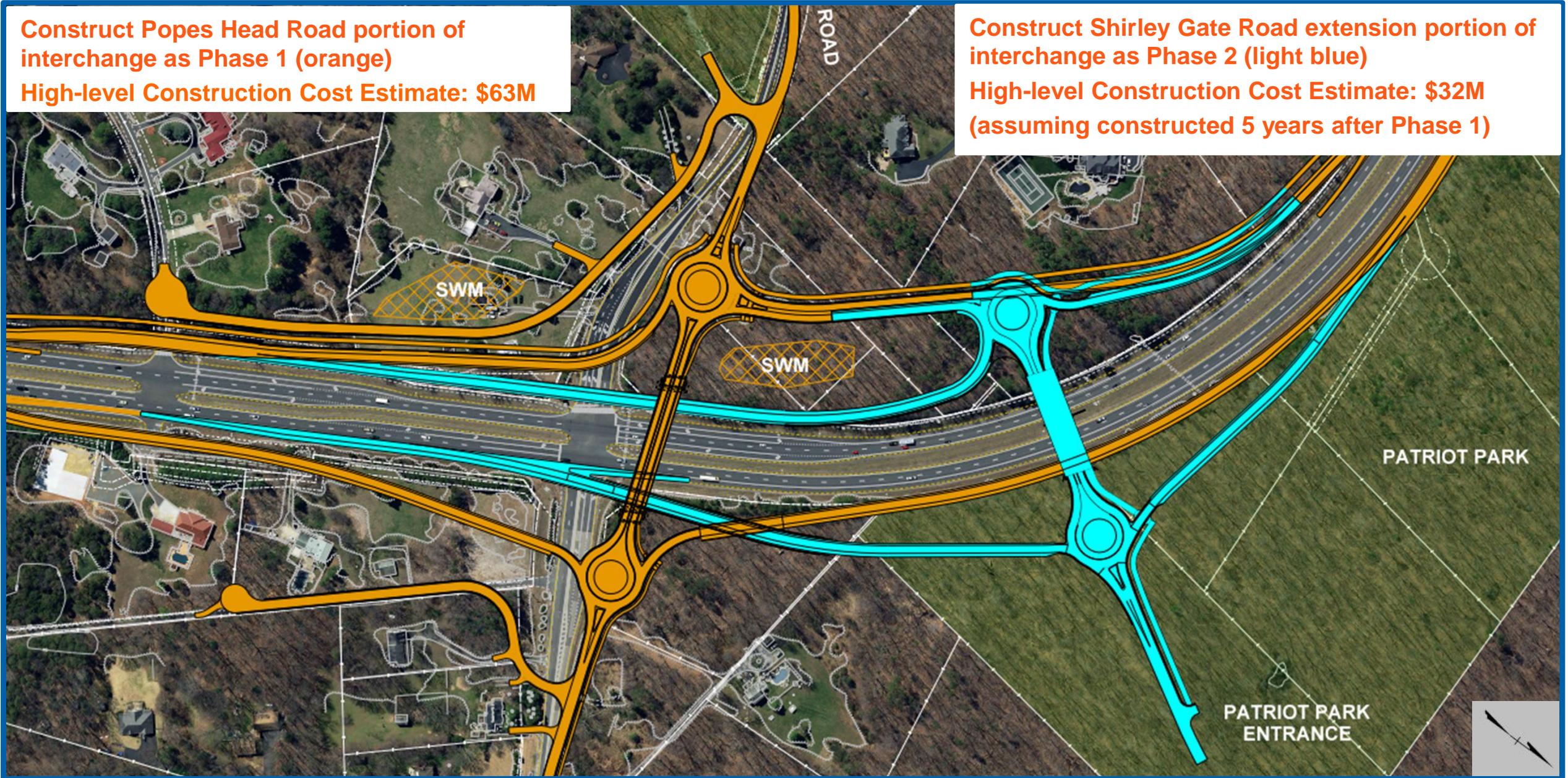
# Popes Head Road & Shirley Gate Road Interchange Option 2E



# Ability to phase construction for Option 2E

Construct Popes Head Road portion of interchange as Phase 1 (orange)  
High-level Construction Cost Estimate: \$63M

Construct Shirley Gate Road extension portion of interchange as Phase 2 (light blue)  
High-level Construction Cost Estimate: \$32M  
(assuming constructed 5 years after Phase 1)



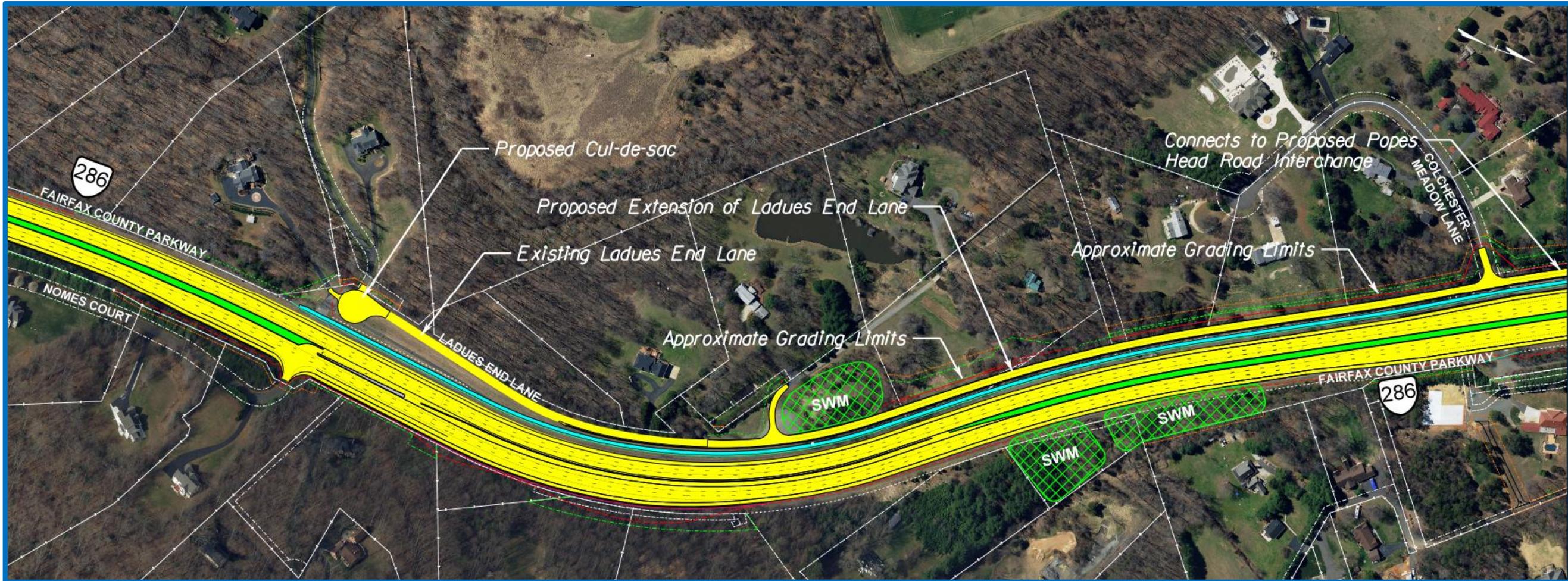
# Staff Recommendation - Option 1

## Why Staff Recommends Option 1

- **Most efficient traffic operations – maximizes ramp utilization**
- **Design minimizes conflict points resulting in safer traffic operations**
- **Least right-of-way impacts to private properties**
- **Least right-of-way and environmental impacts to Patriot Park**
- **Least bridge and pavement area to maintain**
- **Least expensive option / best value of public funds invested**
- **Support by most property owners directly impacted by the footprint of the interchange**
- **Support for Option 1 from residents directly along Popes Head Road east of Fairfax County Parkway**



# Ladues End Lane Extension



- **Improved Safety**
- **Improved Traffic Operations**
  - **Elimination of Direct Access**
- **Cost Effective due to elimination of the Restricted Crossing U-Turn (RCUT)**
- **Increased Property Impacts**
- **Mitigation Strategies**
  - **Revised Stormwater Management**

# Project Schedule



Widening Northern Segment		
Right of Way	\$4.4 M	Late 2021
Construction	\$44.3 M \$45.7 M	Target: 2023-25

Shirley Gate Road Extension (Fairfax County DOT)		
Design	\$4 M	Underway

Interchange at Popes Head Road		
Right of Way	\$9.7 M	Late 2020
Construction	\$73.3 M	Late 2022-24

Widening Southern Segment		
Right of Way	\$5.4 M	Target: 2023-24
Construction	\$93.0 M	Target: 2025-26

Design of the Interchange and Widening is fully funded.

Legend	
Estimate	Schedule
xx = Amount Funded	Target = feasible if fully funded
xx = Additional Funding Needed	

# Next Steps

- **Public Comment Period**
- **Public Hearing: Winter 2019/2020**
- **Design Approval: Mid 2020**
- **Proceed to Right of Way and Construction phases**

# Questions?

- **Contact Information**

<b>Sitaram Kodali, P.E.</b>	<b>Andrew Beacher, P.E.</b>
Project Manager, VDOT Location and Design	Project Sponsor, VDOT Preliminary Engineering
4975 Alliance Drive, Fairfax, VA 22030	4975 Alliance Drive, Fairfax, VA 22030
Sitaram.Kodali@vdot.virginia.gov	Andrew.Beacher@vdot.virginia.gov
703-691-6710	703-259-2239

- **Email Comments to:**
  - **meetingcomments@vdot.virginia.gov**
  - **Please include “Fairfax County Parkway Widening” in the subject line**
- **Project information for this meeting is available online at:**
  - **www.virginiadot.org/projects**
  - **VDOT’s Northern Virginia Office**