

## 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 **Oct. 15, 2018**.

Mail 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

### Primary Contact:

**Sitaram Kodali, P.E.**

sitaram.kodali@vdot.virginia.gov

Location & Design

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703-691-6710

**Andrew Beacher, P.E.**

andrew.beacher@vdot.virginia.gov

Preliminary Engineering

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Fairfax, VA 22030

703-259-2239

**Brian Costello**

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703-259-2986

**Jennifer McCord**

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Fairfax, VA 22030

703-259-1779

TTY/TDD Dial 711



**VDOT** Virginia Department of Transportation



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Public Information Meeting

# Fairfax County Parkway Widening Fairfax County

All meeting times are from 6:30 p.m. to 8:30 p.m., presentation starts at 7 p.m.

**Tuesday, Sept. 25, 2018**

Willow Springs Elementary School  
5400 Willow Springs School Road  
Fairfax, VA 22030

**Thursday, Sept. 27, 2018**

Fairview Elementary School  
5815 Ox Road  
Fairfax Station, VA 22039

**Wednesday, Oct. 3, 2018**

Oak View Elementary School  
5004 Sideburn Road  
Fairfax, VA 22032

## Public Information Meeting

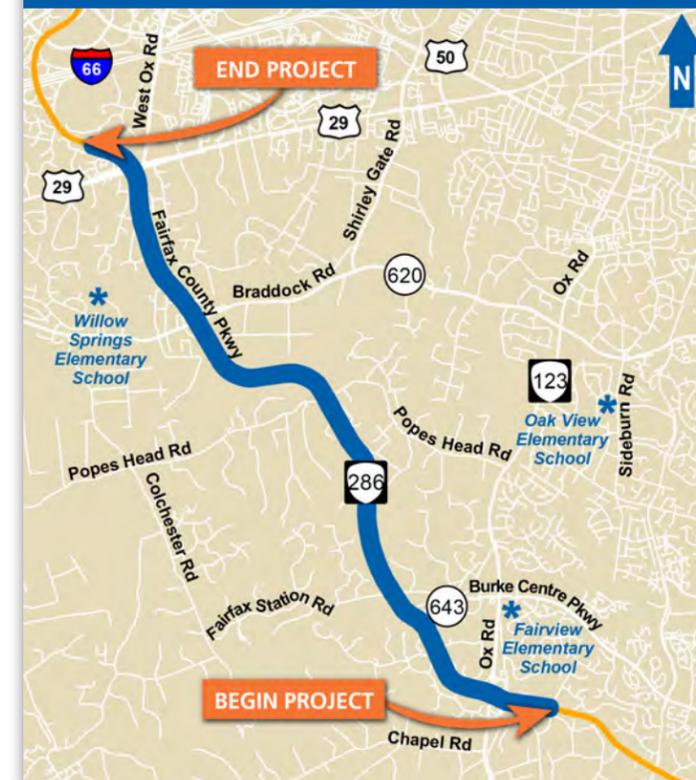
Welcome to the Virginia Department of Transportation's (VDOT) Public Information Meeting on proposed improvements to the Fairfax County Parkway (Route 286). The project will also include an interchange that will consolidate Popes Head Road and the future Shirley Gate Road extension, improvements to the existing trail in the Fairfax County 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 relieve congestion and improve safety

### Project Length:

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

### Improvements:

Widen the Fairfax County Parkway from four to six lanes from Route 29 to Route 123, build an interchange at Popes Head Road and the future Shirley Gate Road Extension, reconfigure intersections along project limits, improvements to the existing trail in the Fairfax County 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 by widening the Fairfax County Parkway (Route 286) from four to six lanes between Route 29 (Lee Highway) and Route 123 (Ox Road). The project will also include an interchange that will consolidate Popes Head Road and the future Shirley Gate Road extension, improvements to 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.

This project will be implemented as part of a phased approach based on funding availability.

**Phase 1:** Popes Head Road and Shirley Gate Road Interchange

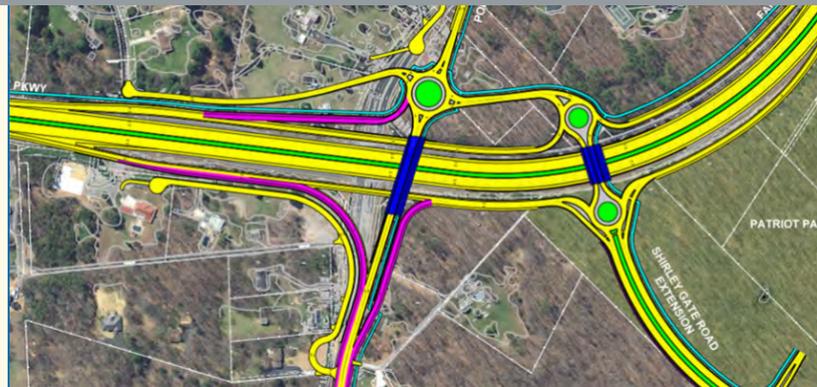
**Phase 2:** Fairfax County Parkway Widening

Tonight's meeting is being held to obtain feedback from the community about preliminary design options.

### Popes Head Road / Shirley Gate Road Extension Interchange Alternative Options

#### Option 1/1A: Triple Roundabouts

- Direct access to Shirley Gate Road Extension with connections to realigned Popes Head Road
- Option 1A has additional ramps (highlighted in pink)
- Build two bridges over Fairfax County Parkway



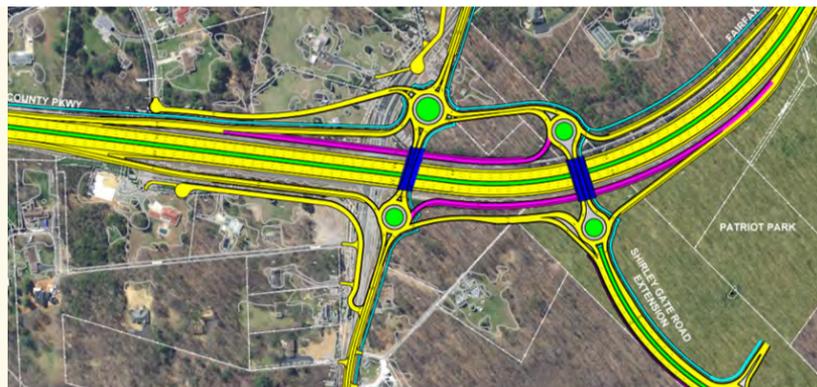
#### Option 2: Split Diamond Interchange

- Direct access to Popes Head Road and Shirley Gate Road Extension
- Similar to existing interchange at Fair Lakes Parkway and Monument Drive



#### Option 2A/2D: Quadruple Roundabouts

- Direct access to realigned Popes Head Road and Shirley Gate Road Extension
- Option 2D has additional ramps (highlighted in pink)
- Build two bridges over Fairfax County Parkway



### Estimated Project Cost

Engineering Design: **\$14 million**

Right of Way Acquisition/Utility Relocation: **\$32 million**

Construction:

**Phase 1: \$54.6 million**

**Phase 2: \$94 million**

Total Cost: **\$194.6 million**

These project costs are estimates and subject to change as the project design is further developed.

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 Mr. Sitaram Kodali at 703-691-6710 or TTY/TDD 711.

### 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 on the back of this brochure.

### Anticipated Schedule

Public Information Meetings  
**Sept. 25, Sept. 27 and Oct. 3, 2018**

Comment Period Ends  
**Oct. 15, 2018**

Public Hearing  
**Late 2018/Early 2019**

Design Approval  
**Mid 2019**

Depending on the delivery method, Phase 1 construction could begin as early as late 2019.

Phase 2 construction will be determined as additional funding becomes available.

### Environmental Review

In cooperation with the Federal Highway Administration (FHWA) and in accordance with the National Environmental Policy Act (NEPA) and 23 CFR 771, VDOT will be initiating an environmental study to evaluate potential impacts from the project to socio-economic, natural and historic resources, including potential traffic noise impacts. VDOT will coordinate the appropriate federal, state and local agencies as part of the environmental review and approval process required during project design.



Public Information Meeting

# Fairfax County Parkway Widening Fairfax County

All meeting times are from 6:30 p.m. to 8:30 p.m.  
Presentation starts at 7 p.m.

### Tuesday, Sept. 25, 2018

Willow Springs Elementary School  
5400 Willow Springs School Road  
Fairfax, VA 22030

### Thursday, Sept. 27, 2018

Fairview Elementary School  
5815 Ox Road  
Fairfax Station, VA 22039

### Wednesday, Oct. 3, 2018

Oak View Elementary School  
5004 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 (optional): \_\_\_\_\_

Address (optional): \_\_\_\_\_

Email (optional): \_\_\_\_\_

1. Which of the following best applies to you?

I live on a street that intersects with Fairfax County Parkway. If so, where? \_\_\_\_\_

I live in a neighborhood adjacent to Fairfax County Parkway. If so, where? \_\_\_\_\_

I commute on Fairfax County Parkway.

Other \_\_\_\_\_

2. Which interchange option do you prefer? Why do you prefer the option selected?

Option 1: Triple Roundabouts

Option 1A: Triple Roundabouts with Additional Ramps

Option 2: Split Diamond Interchange

Option 2A: Quadruple Roundabouts

Option 2D: Quadruple Roundabouts with Additional Ramps

Other

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

4. How did you hear about this meeting?

Newspaper  Social Media  Website  Other: \_\_\_\_\_

Please leave this comment sheet at the designated location, mail your comments (postmarked October 15, 2018) 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  
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deliver without  
a stamp

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

Fold Line

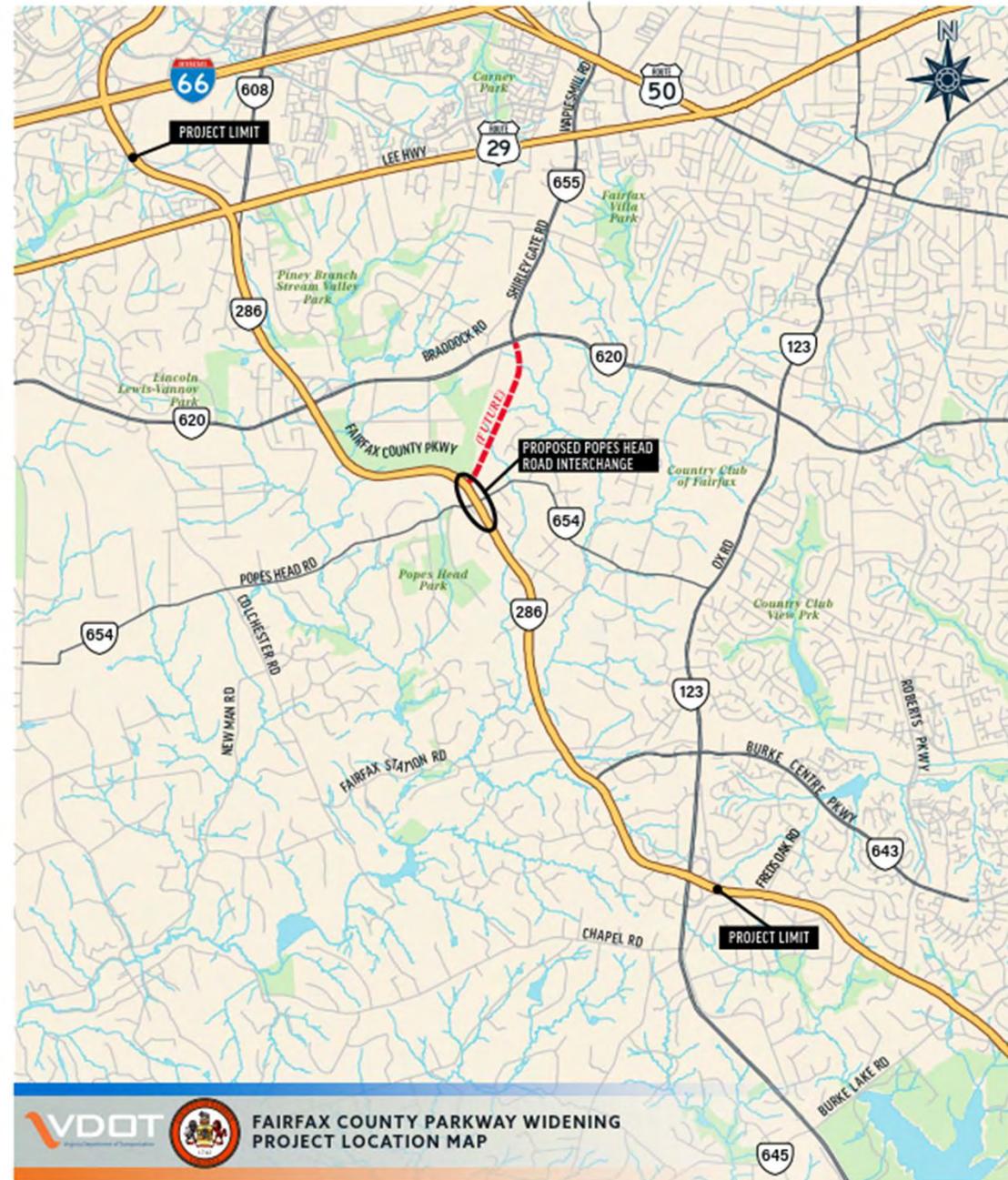


# Fairfax County Parkway (Route 286) Widening Project

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

September 25<sup>th</sup>, 27<sup>th</sup>, and October 3<sup>rd</sup>, 2018  
6:30 to 8:30 PM

Public Information Meetings



# Purpose of Tonight's Meeting

- Inform you of where we are in the project process and follow-up of community meetings
- Inform you of updated concepts developed for the proposed interchange with Popes Head Road/Shirley Gate Road Extension and other improvements along the corridor
- Discuss preliminary noise analysis findings
- Answer questions and hear your concerns

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

**Andy Beacher, VDOT, Project Sponsor**

**Dana Trone and Regina Herr, WRA, Design Consultant**

**Alex Nies, MT, Noise Consultant**

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

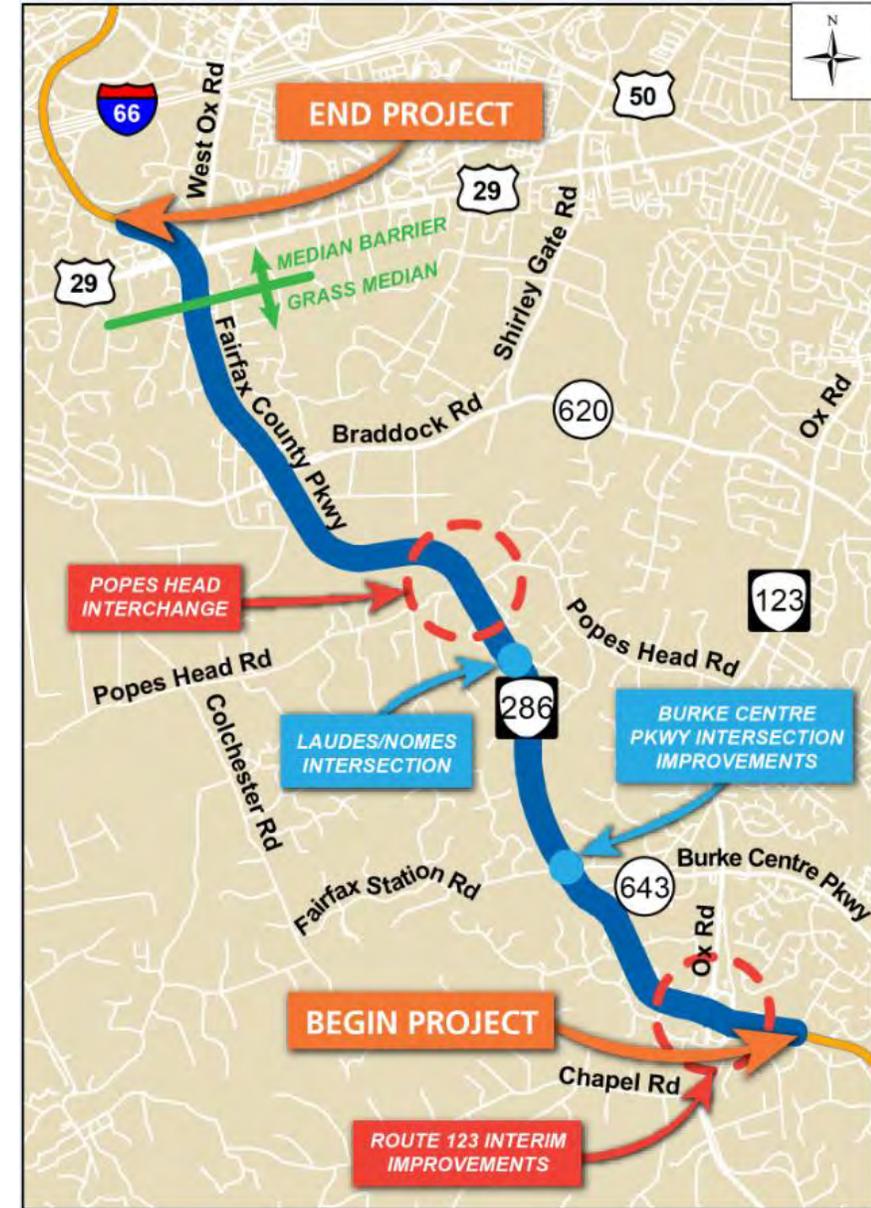
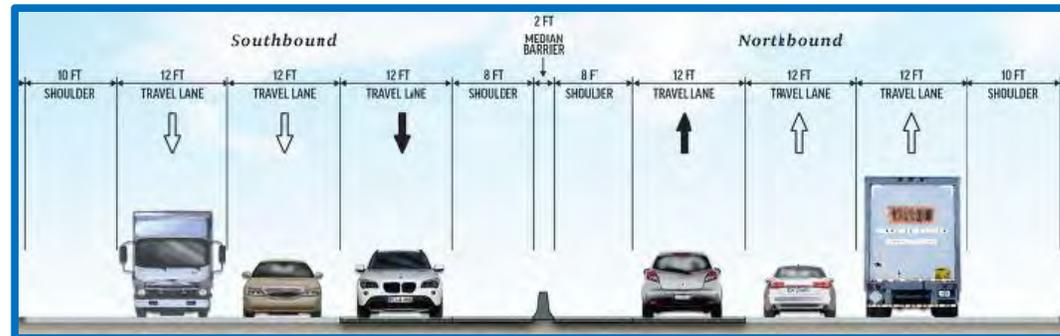
# Project Objectives

- 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 multimodal accommodations for pedestrians and bicyclists

## Grass Median



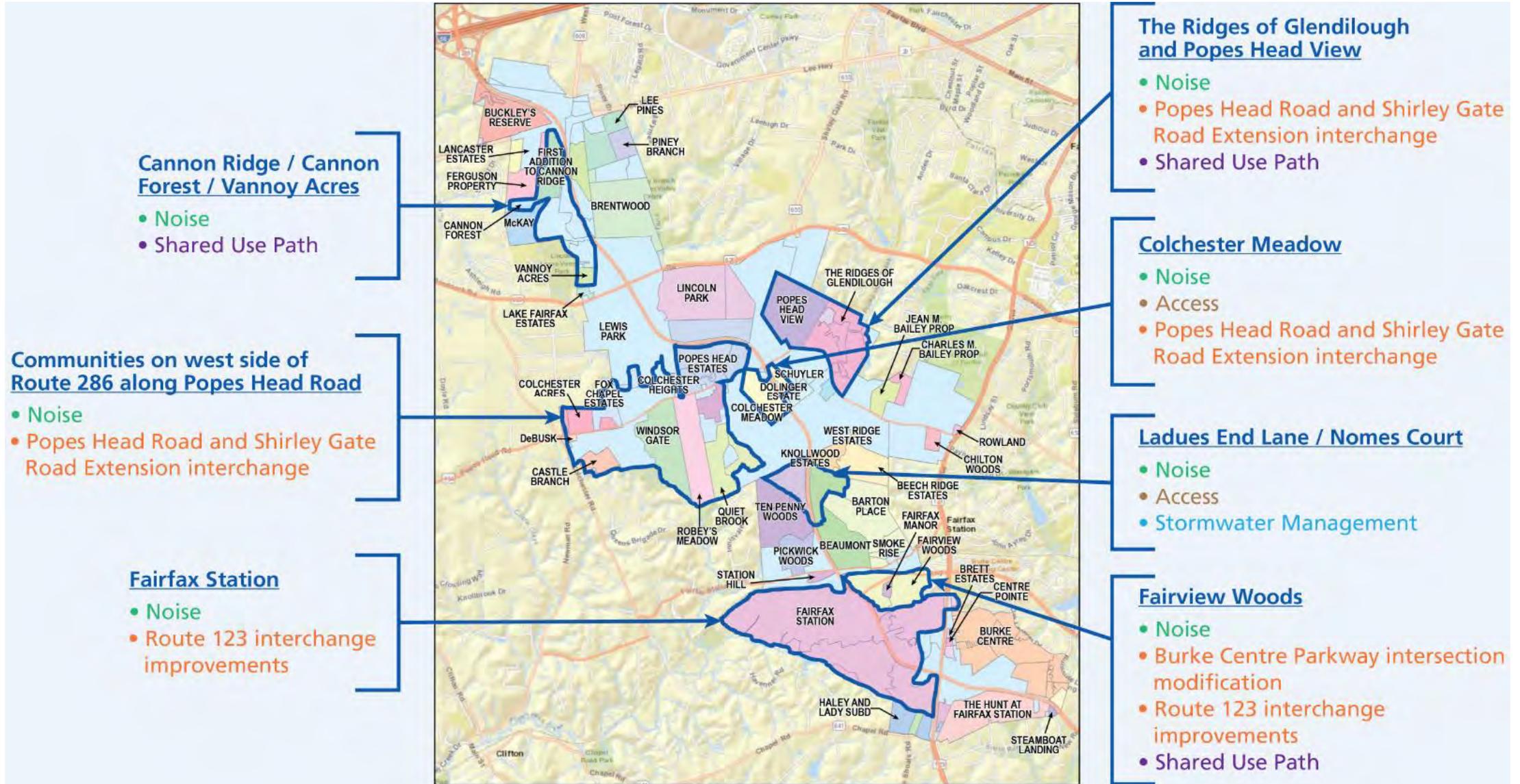
## Median Barrier



# Project Overview

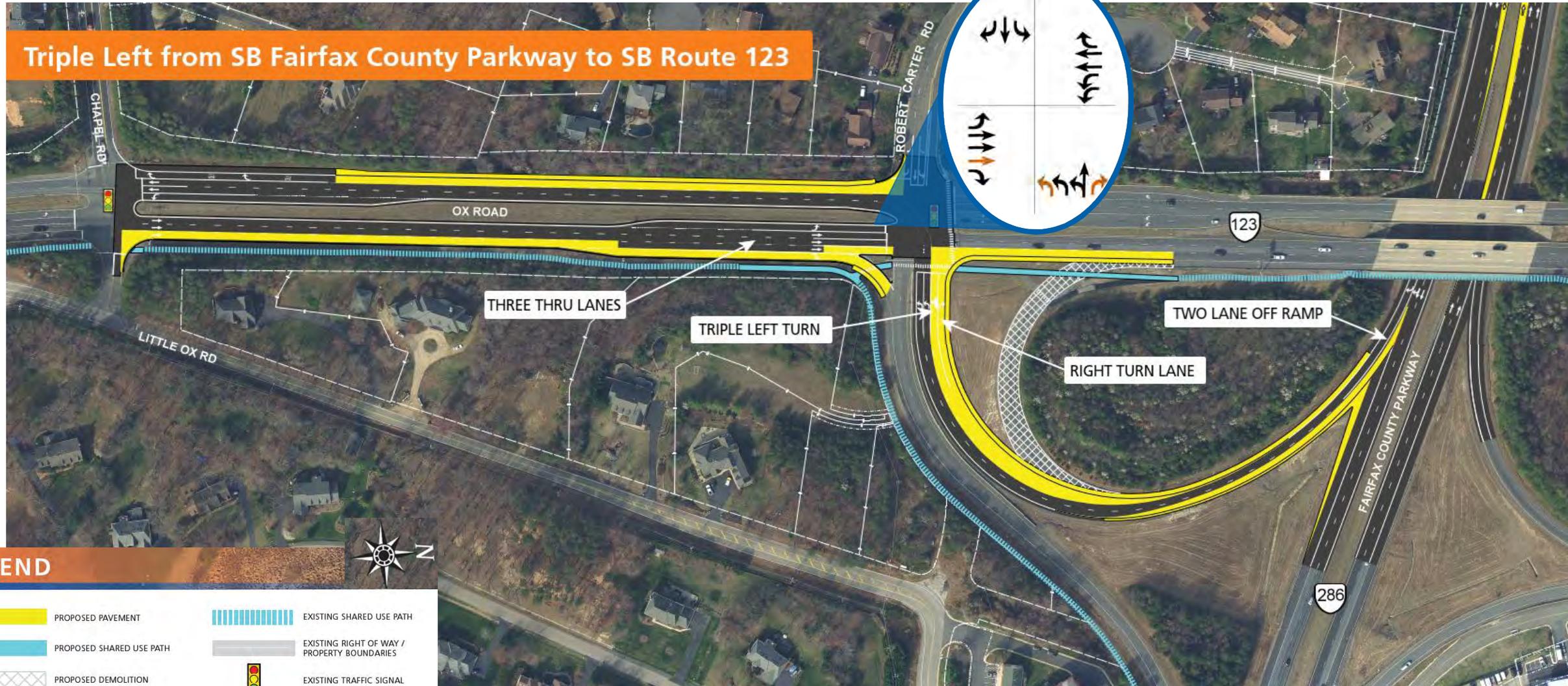
- **Widening Fairfax County Parkway (FCP) to provide third lane in each direction**
- **Improvements to intersections within project limits**
- **Interchange at Popes Head Road**
  - **Includes access to future FCPA entrance at Patriot Park and the future extension of Shirley Gate Road**
- **Upgrades to shared use path**
- **Other Design Considerations**
  - **Environmental: NEPA document, noise analysis**
  - **Right-of-way impacts**

# Public Outreach



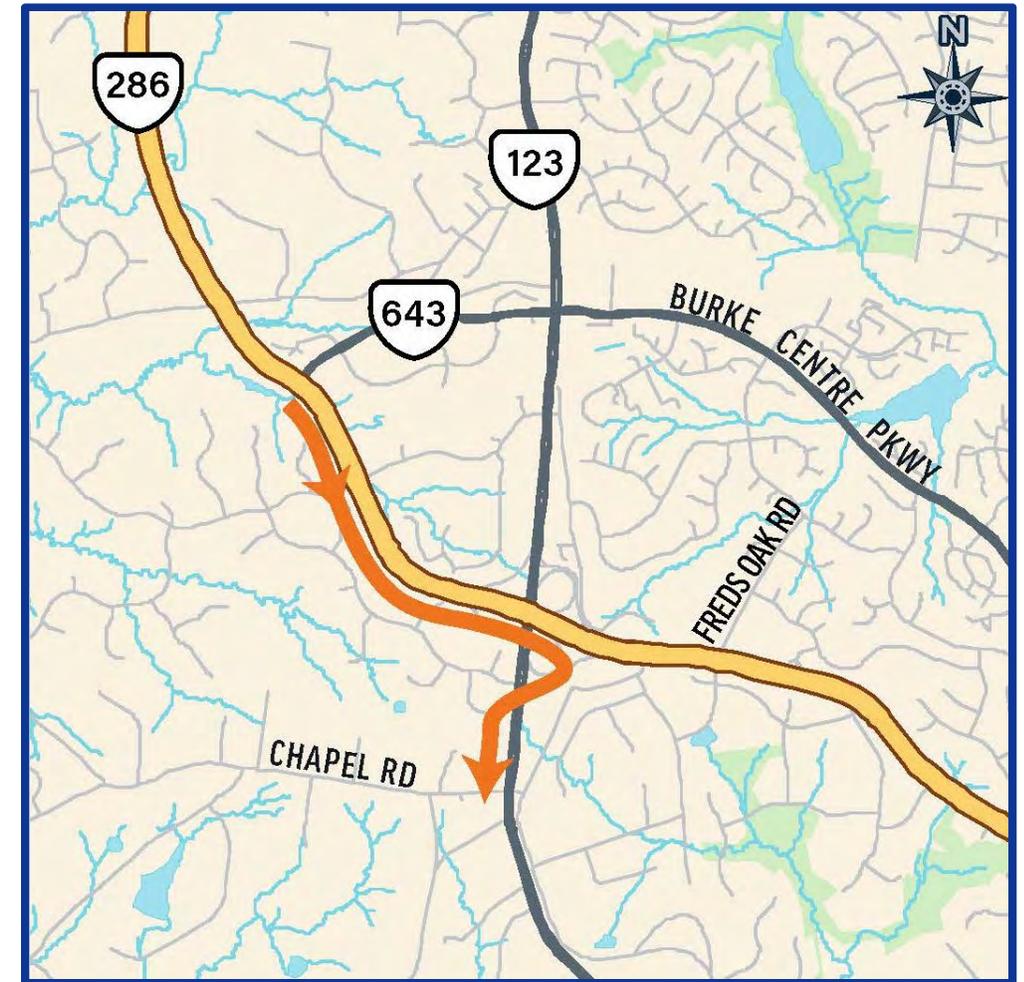
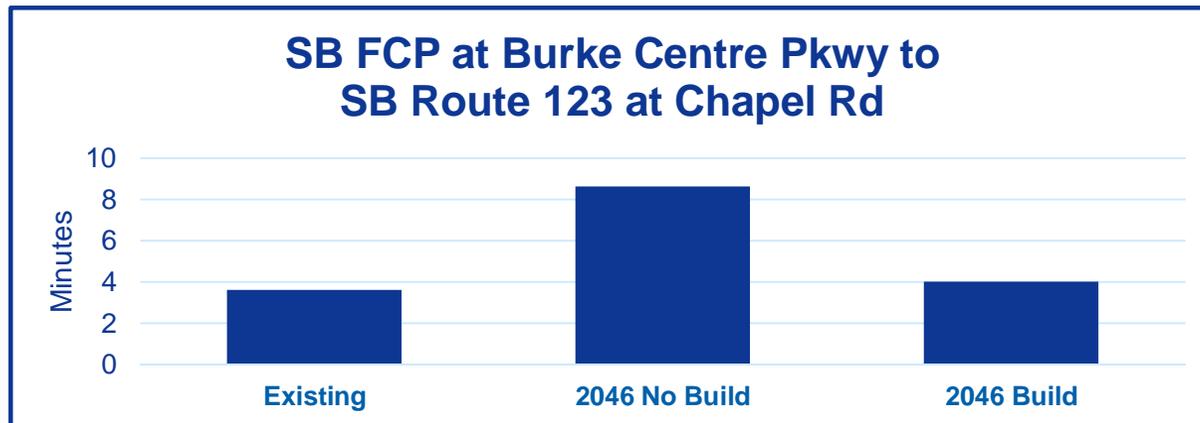
# Route 123 (Ox Road) Interchange

Triple Left from SB Fairfax County Parkway to SB Route 123



# Route 123 Interchange Traffic Operations

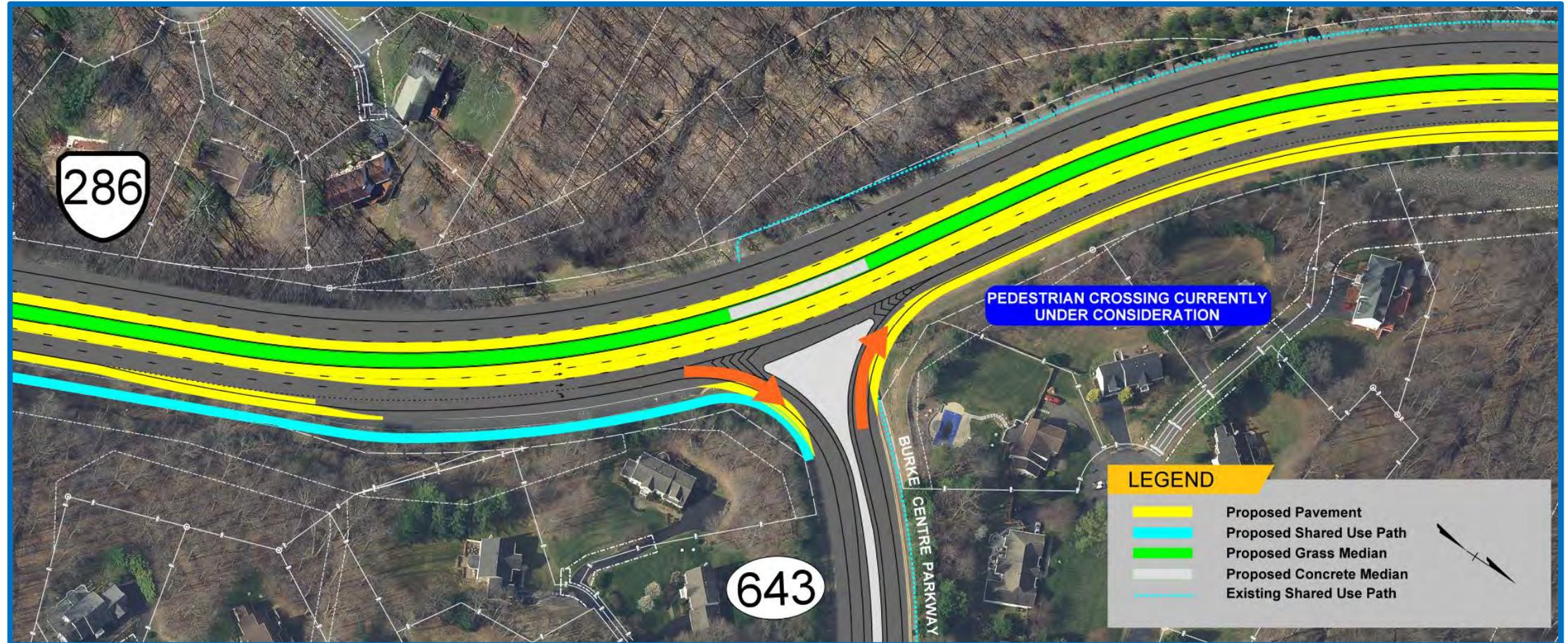
- Travel times compared along southbound Fairfax County Parkway from Burke Centre Parkway to southbound Route 123 at Chapel Road
- Key Findings
  - 2046 Build condition travel times are similar to existing conditions
  - Significant benefits with added turn/thru lanes



# Burke Centre Parkway Intersection

- **Right-In/Right-Out**

- Eliminates existing traffic signal
- Prohibits all left turn and U-turn movements at Burke Centre Parkway
- Requires grade separation of pedestrian crossing of Fairfax County Parkway



# Shared Use Path Crossing

Project Team is currently evaluating 3 options:

## Option A: Pedestrian Bridge



- Construct new pedestrian bridge spanning Fairfax County Parkway (FCP) at Burke Centre Parkway
- At grade crossing required at Fairview Woods Drive

## Option B: Railroad Underpass



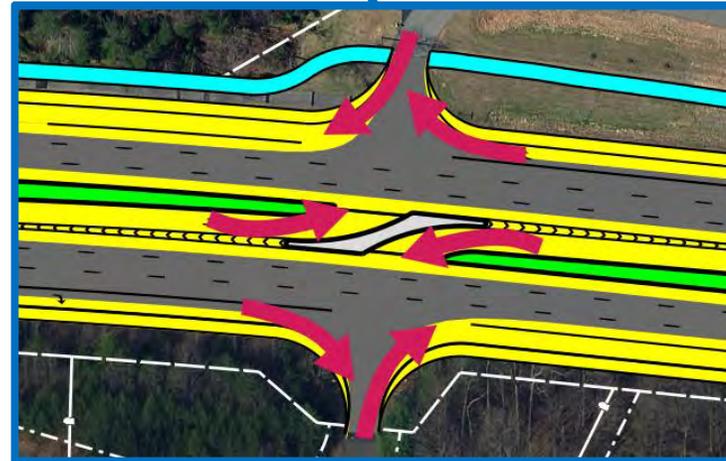
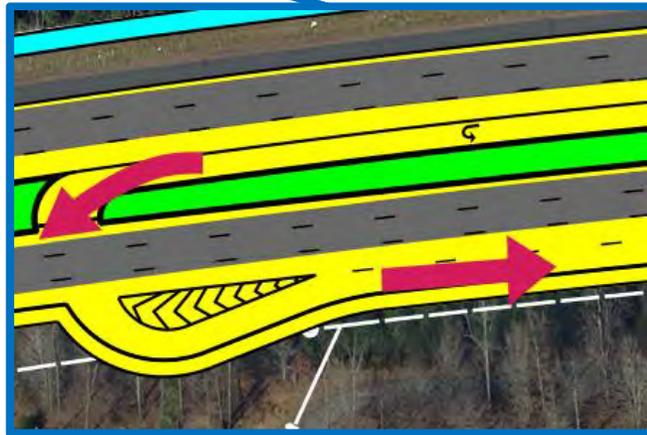
- Shared use path adjacent to Norfolk Southern Railroad (NSRR) track crossing underneath FCP
- New shared use path along east side of FCP and crosses Burke Centre Parkway at grade
- Requires approval and easements from NSRR

## Option C: Fairfax Station Underpass



- Shared use path adjacent to Fairfax Station Road crossing underneath FCP
- New shared use path along east side of FCP and crosses Burke Centre Parkway at grade
- Requires widening of Fairfax Station/NSRR bridge

# Ladues End Lane and Nomes Court Intersection

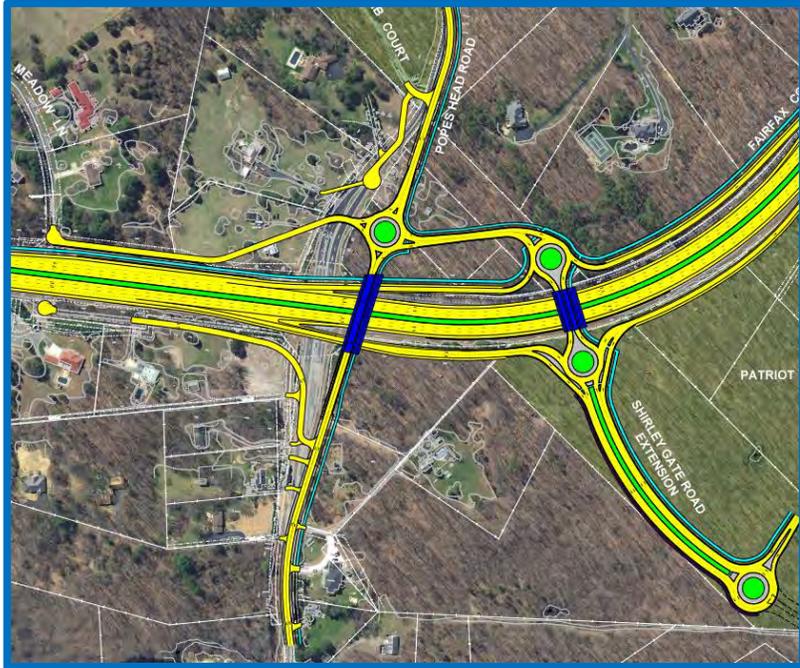


LEGEND	
	Proposed Pavement
	Proposed Shared Use Path
	Proposed Grass Median
	Proposed Concrete Median

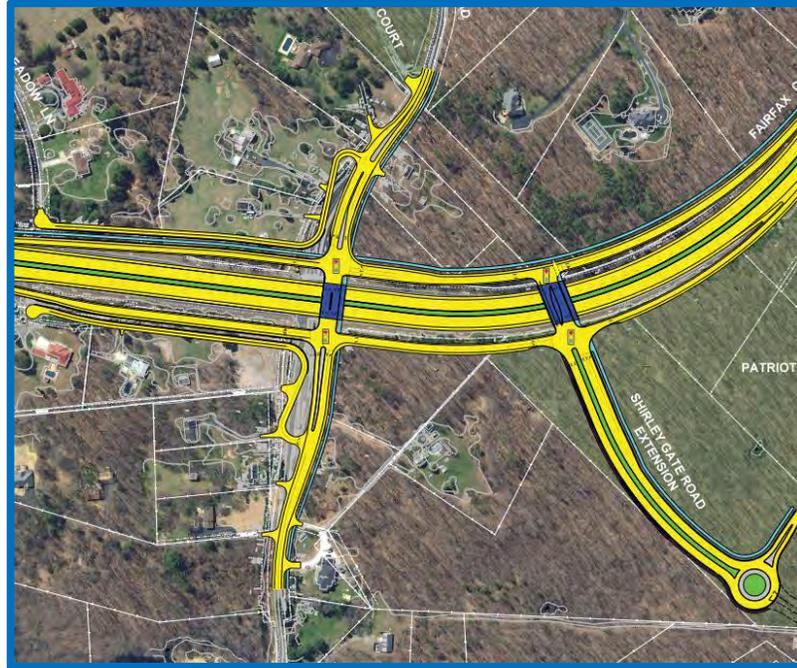
## Left-In with Restricted Crossing U-Turn (RCUT)

- **Removes left turning movement exiting from Ladues End Lane and Nomes Court**
  - Current Ladues End Lane left out movement must turn right and use RCUT or Route 123 interchange to travel north
  - Current Nomes Court left out movement must turn right and use the Popes Head Road interchange to travel south

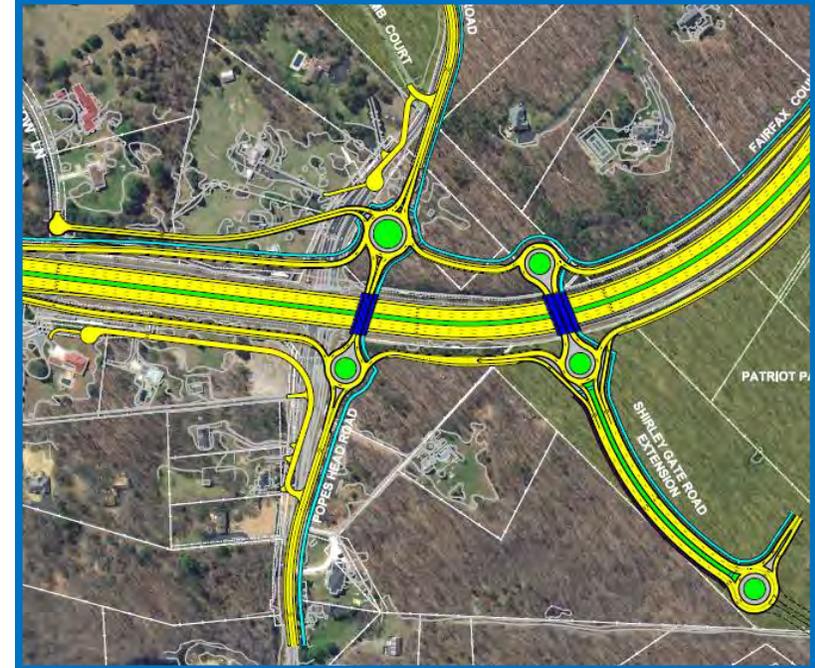
# Popes Head Road and Shirley Gate Road Extension Preliminary Interchange Options (April 2018)



Option 1  
Triple Roundabouts



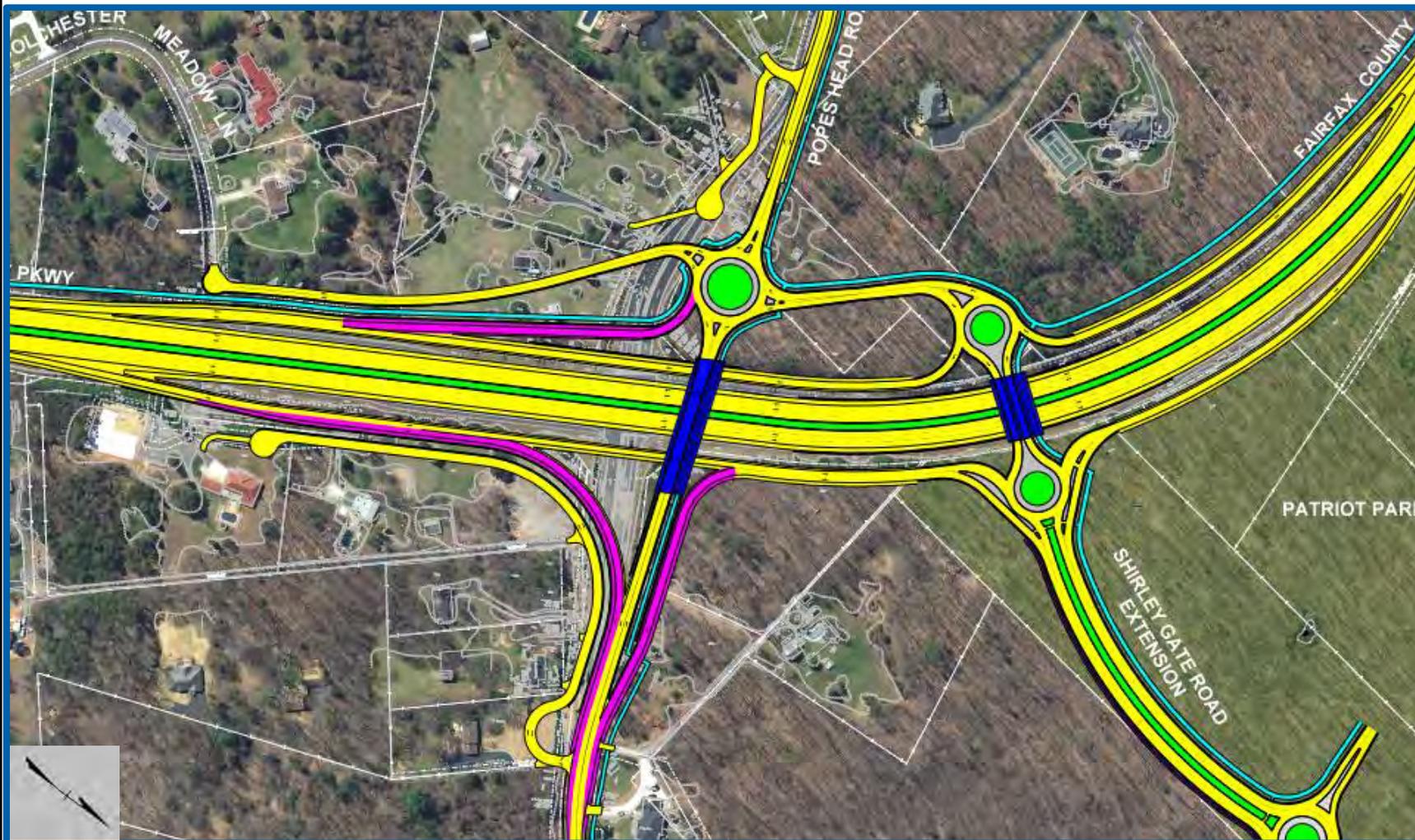
Option 2  
Split Diamond



Option 2A  
Quadruple Roundabouts

# Popes Head Road and Shirley Gate Extension Interchange

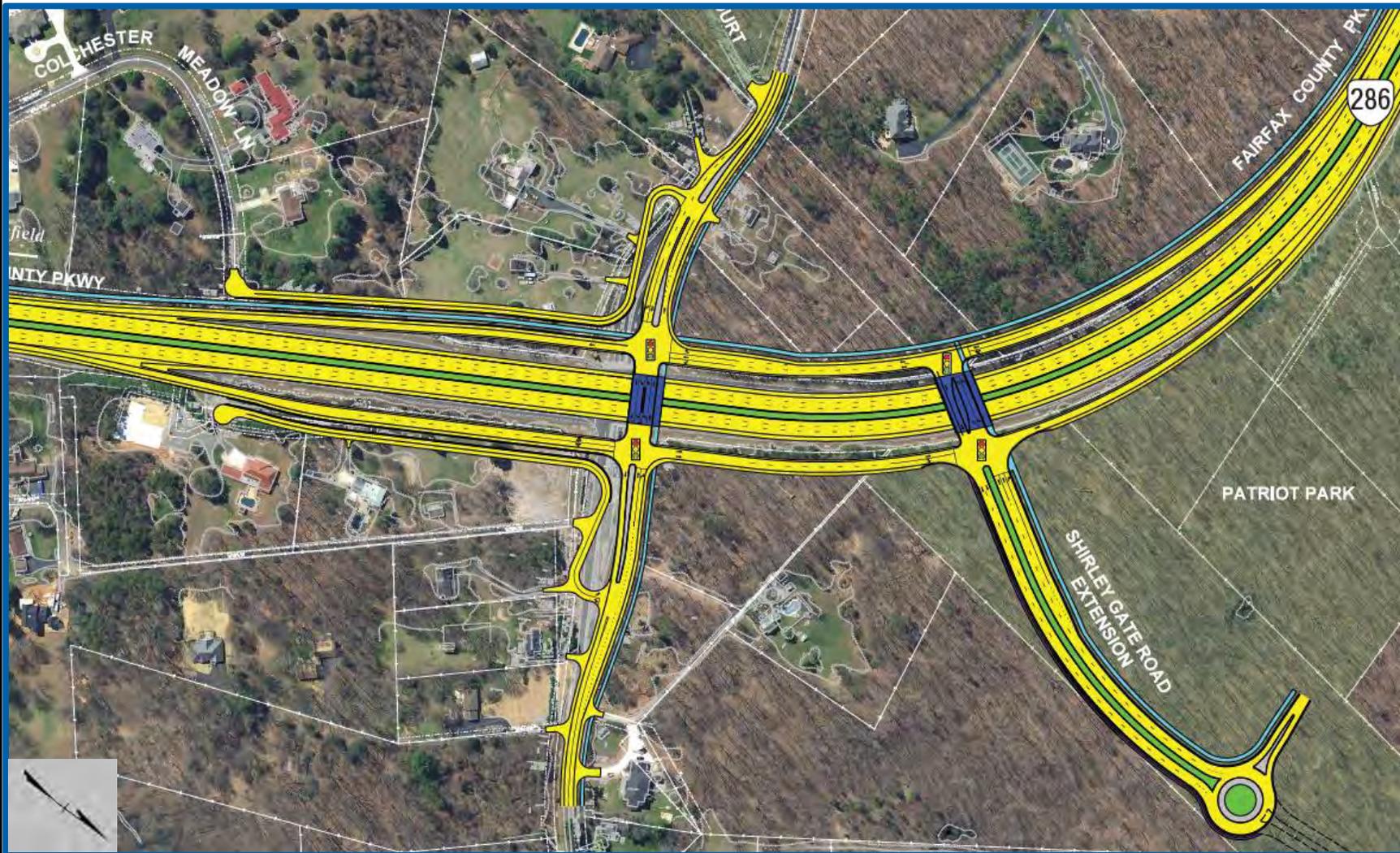
## Option 1A: Triple Roundabouts with Additional Ramps



- Direct access from FCP to Popes Head Road and Shirley Gate Road Extension
- Popes Head Road and Shirley Gate Extension bridges spanning existing Fairfax County Parkway
- Estimated Construction Cost = \$61M

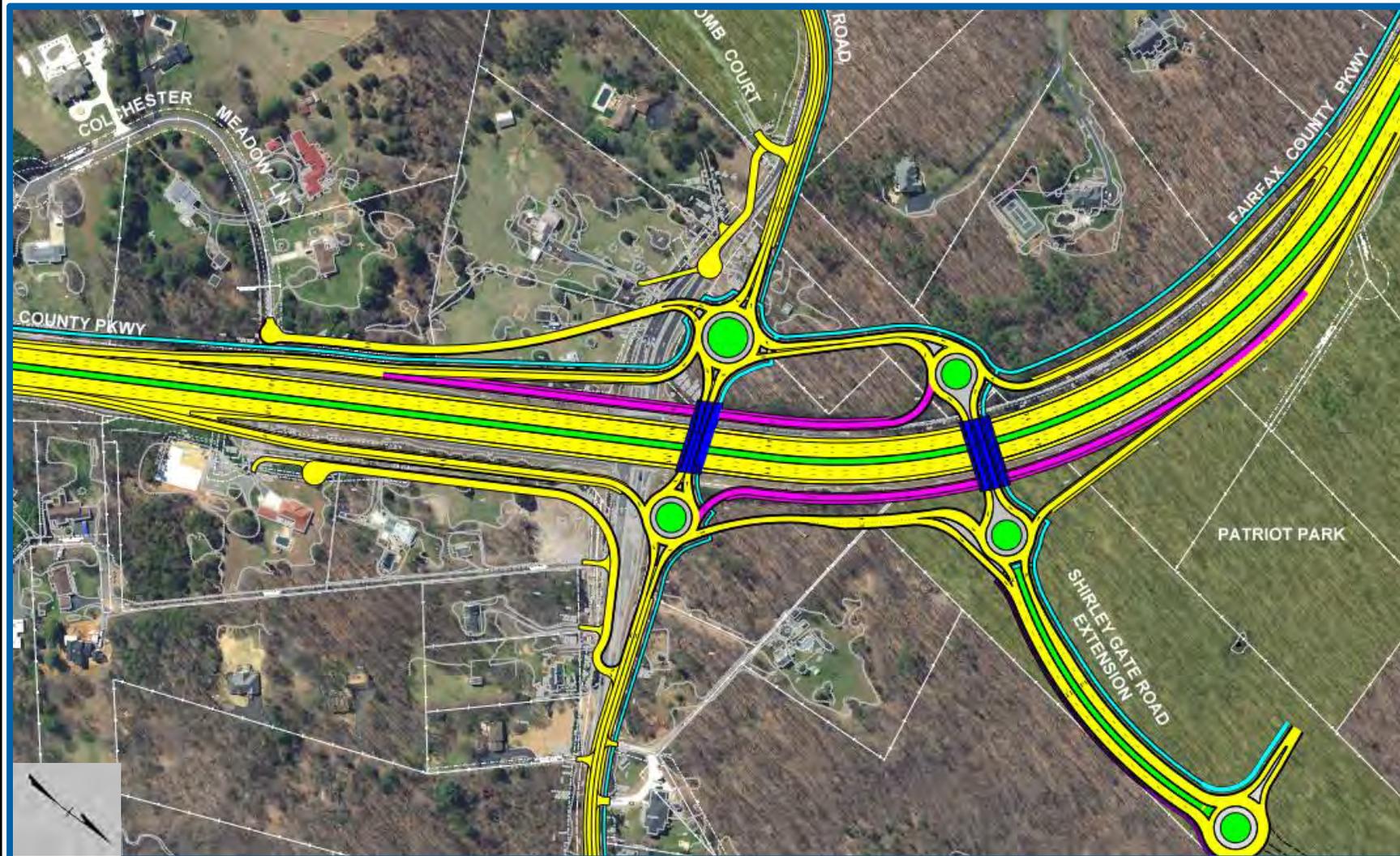
# Popes Head Road and Shirley Gate Extension Interchange

## Option 2: Split Diamond



- Direct access from FCP to Popes Head Road and Shirley Gate Road Extension
- Fairfax County Parkway to be below existing grade; access ramps and crossovers to match existing grade
- Estimated Construction Cost = \$69M

# Popes Head Road and Shirley Gate Extension Interchange Option 2D: Quadruple Roundabouts with Additional Ramps



- Direct access from FCP to Popes Head Road and Shirley Gate Road Extension
- Popes Head Road and Shirley Gate Extension bridges spanning existing Fairfax County Parkway
- Estimated Construction Cost = \$67M

# Popes Head Road and Shirley Gate Extension Interchange Options Comparison

Criteria	Option 1A: Triple Roundabouts	Option 2: Split Diamond	Option 2D: Quadruple Roundabouts
Provides Direct Access between Fairfax County Parkway and Popes Head Road/Shirley Gate Extension	●	●	●
Intersection Level of Service (LOS) and delays	●	●	●
Constructability/Maintenance of Traffic	○	○	○
Safety Improvements	●	○	●
Bike and Pedestrian Accommodations	○	●	○
Environmental/Patriot Park Impacts	○	○	○
Increase in traffic noise levels	○	○	○
Right of Way Impacts	○	○	○
Estimated Construction Cost	\$61M*	\$69M*	\$67M*

Legend				
●	○	○	○	●
Excellent	Favorable	Fair	Unfavorable	Poor

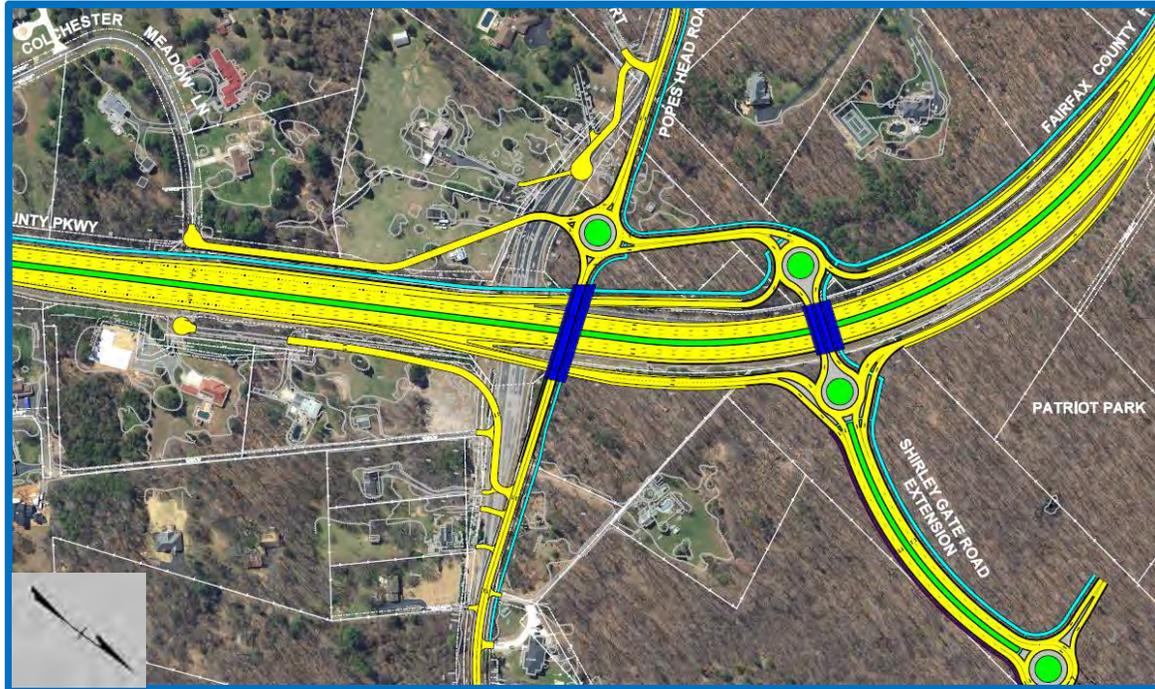
\*\$54.6M in funding available for construction (includes \$4M for design)

\*\*Design revisions will be investigated for each option

# Interchange Option 1 and Option 1A Comparison

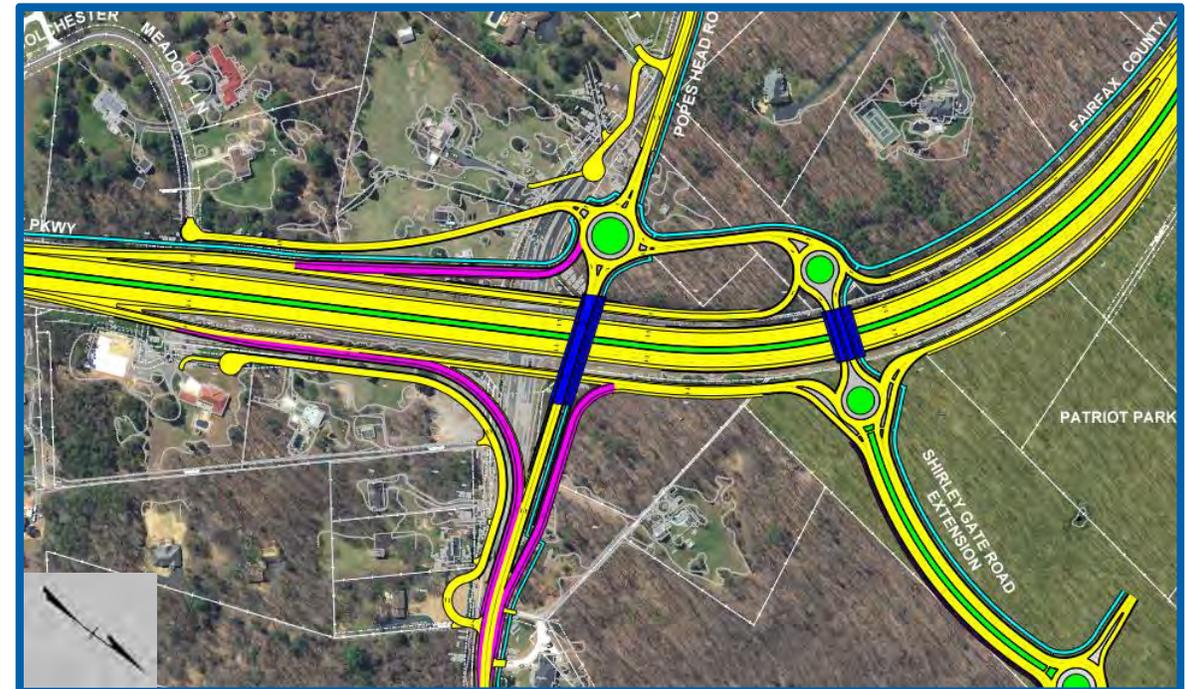
## Option 1

Estimated Construction Cost: \$53 Million



## Option 1A

Estimated Construction Cost: \$61 Million



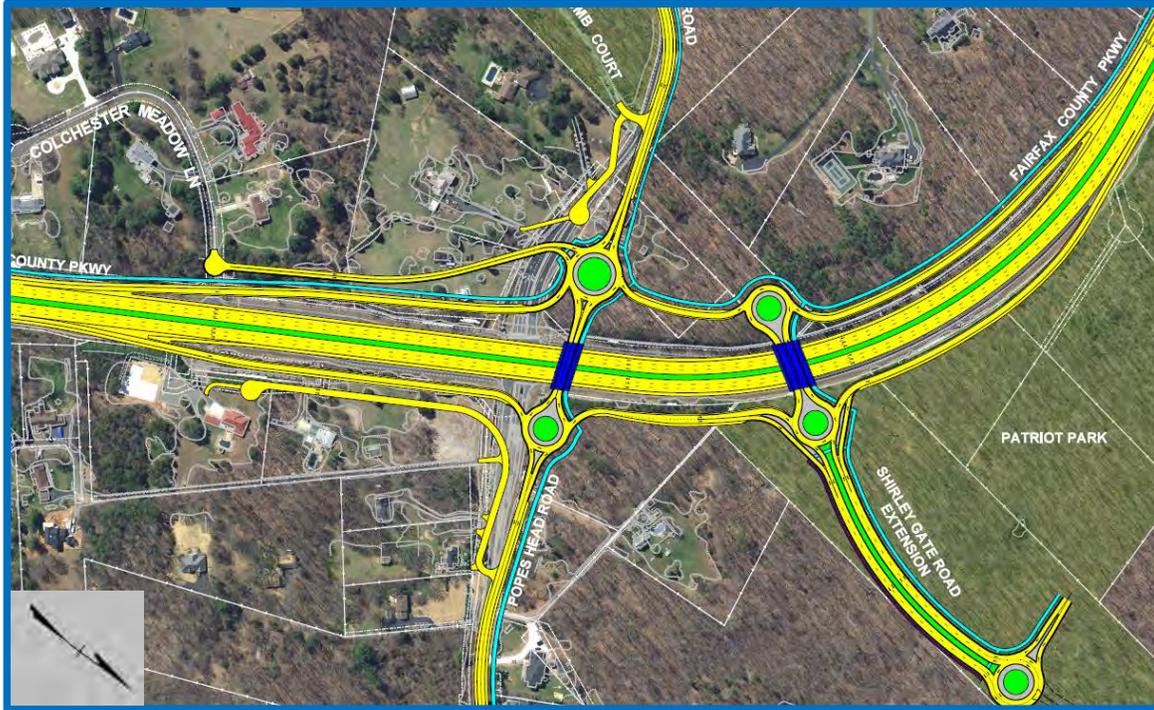
Based on public input, features added in Option 1A:

- Ramp northbound Fairfax County Parkway to eastbound Popes Head Road
- Ramp westbound Popes Head Road to northbound Fairfax County Parkway
- Ramp eastbound Popes Head Road to southbound Fairfax County Parkway

# Interchange Option 2A and Option 2D Comparison

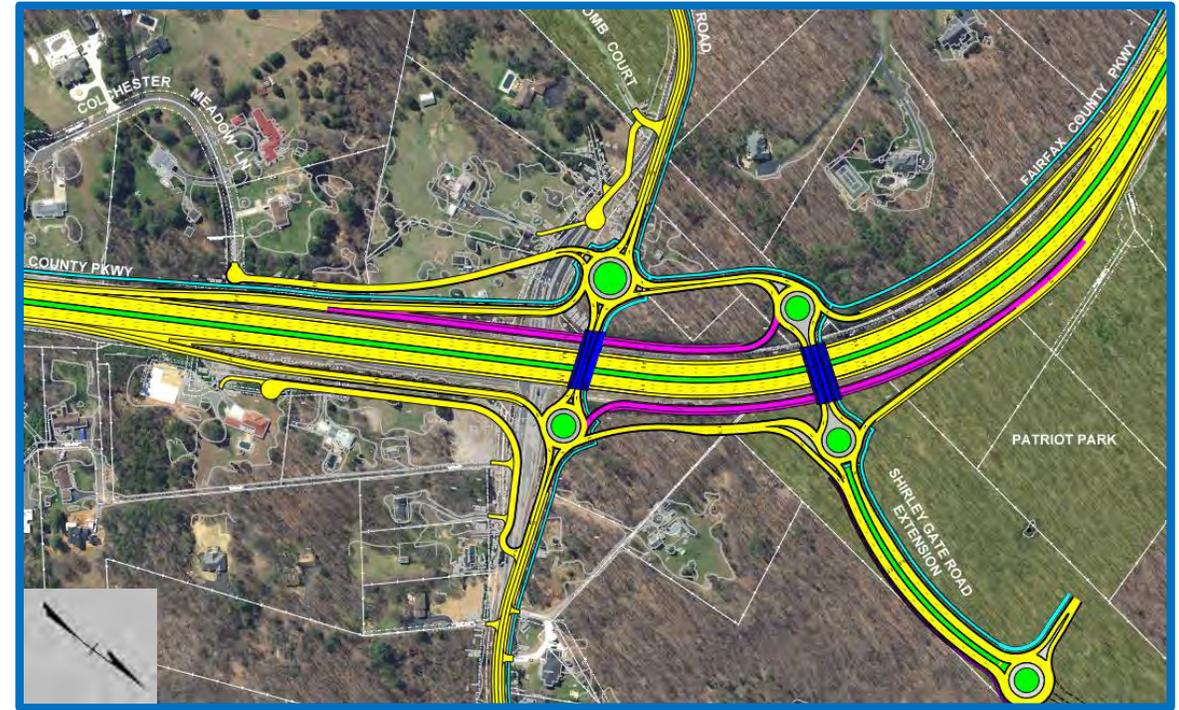
## Option 2A

Estimated Construction Cost: \$58 Million



## Option 2D

Estimated Construction Cost: \$67 Million



### Additional features included in Option 2D:

- Direct ramp from Popes Head Road to northbound Fairfax County Parkway
- Direct ramp from westbound Shirley Gate Extension to southbound Fairfax County Parkway

# Popes Head Road Interchange Traffic Operations

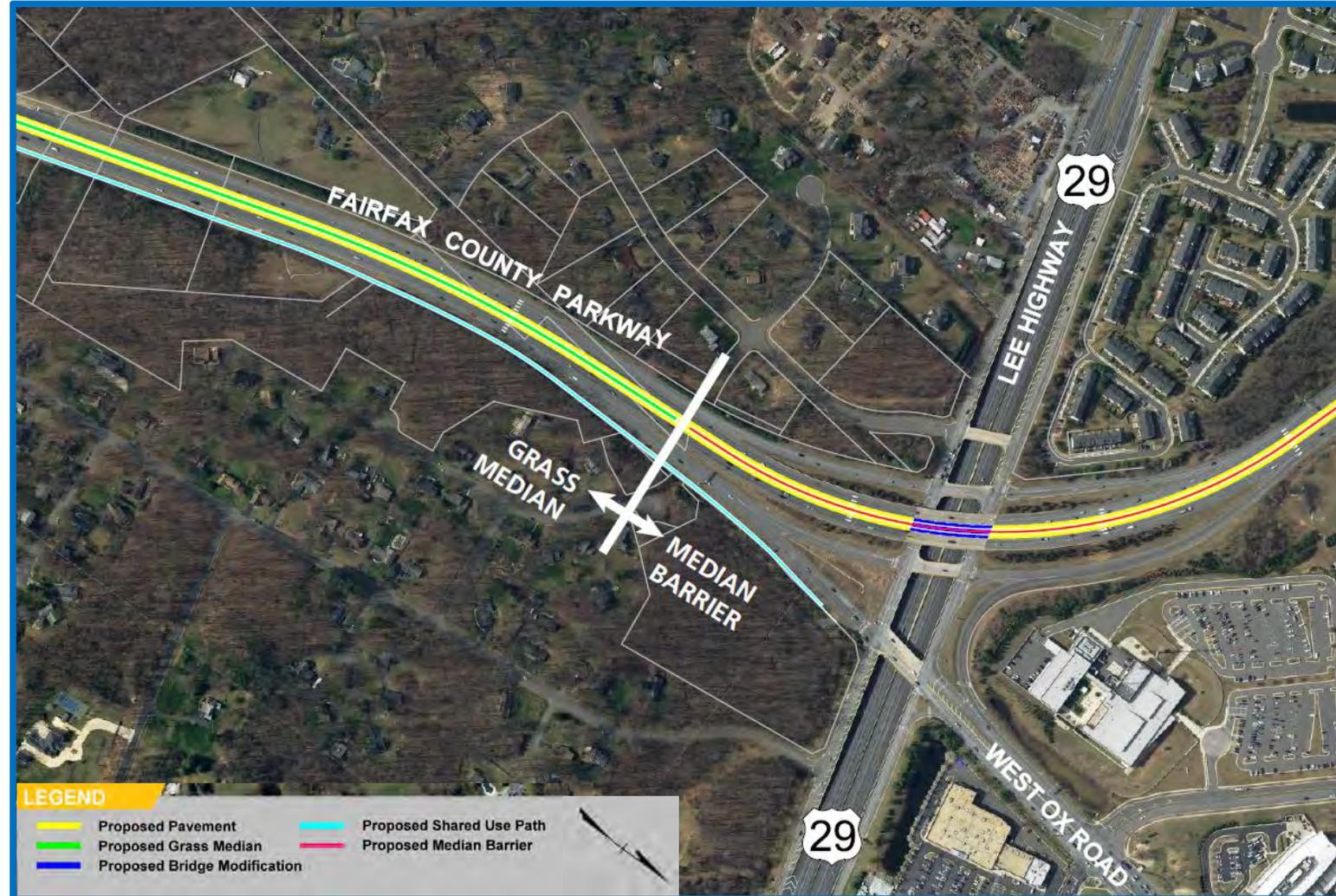
## Key Findings

- All five options have acceptable operating conditions
- *Existing:* Popes Head Road motorists have delays of up to 10 minutes to enter FCP (AM peak)
- *2046 Design Year:* 2-3 minutes maximum to travel through the interchange
- No single option is preferred based on traffic operations



# Improvements to Northern Section

- Widening ties into existing 6-lane roadway section north of Route 29 Interchange
- Grass median south of Route 29 interchange; concrete median barrier from south of Route 29 interchange north
- Shared Use Path upgrades on east side of Fairfax County Parkway



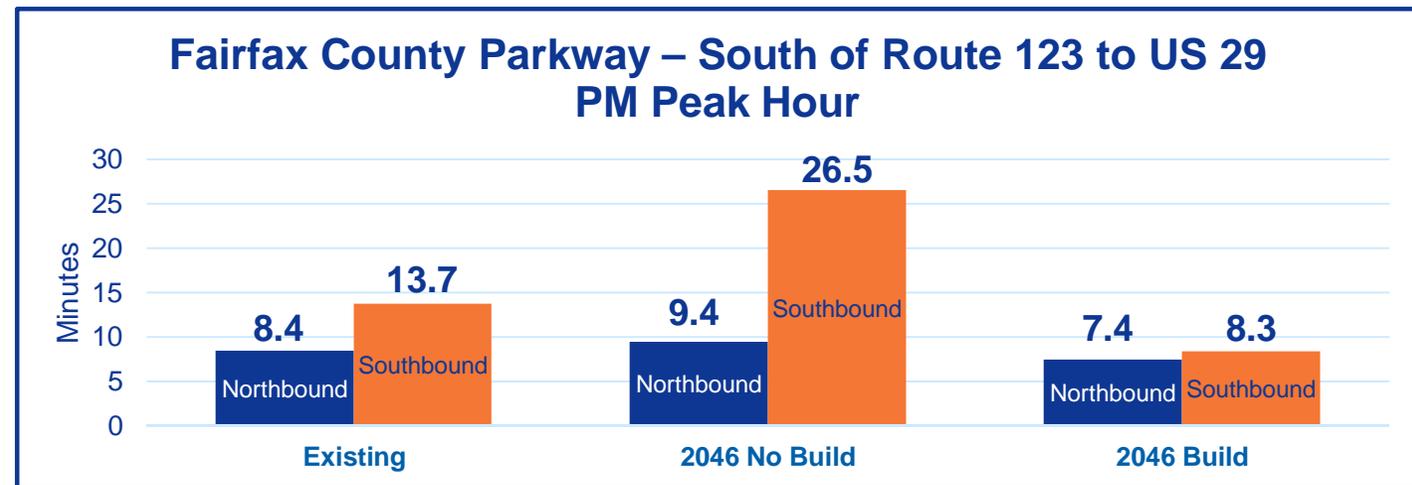
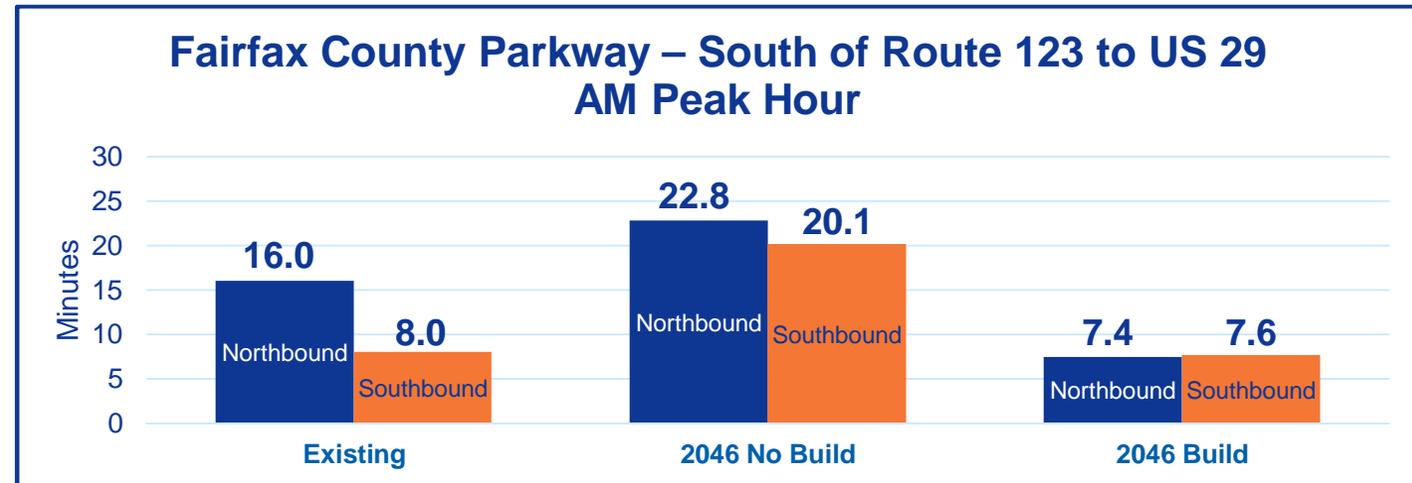
# Fairfax County Parkway Travel Times

## 2046 No Build Conditions

- No improvements along Fairfax County Parkway
- Southbound travel times are 12 - 13 minutes greater than existing conditions

## 2046 Build Conditions

- Includes:
  - Fairfax County Parkway widening
  - Popes Head Road interchange
  - Burke Centre Parkway signal removal
- Northbound AM Peak
  - 15 minute travel time savings
- Southbound PM Peak
  - 18 minute travel time savings
- 45 – 50 mph travel speeds

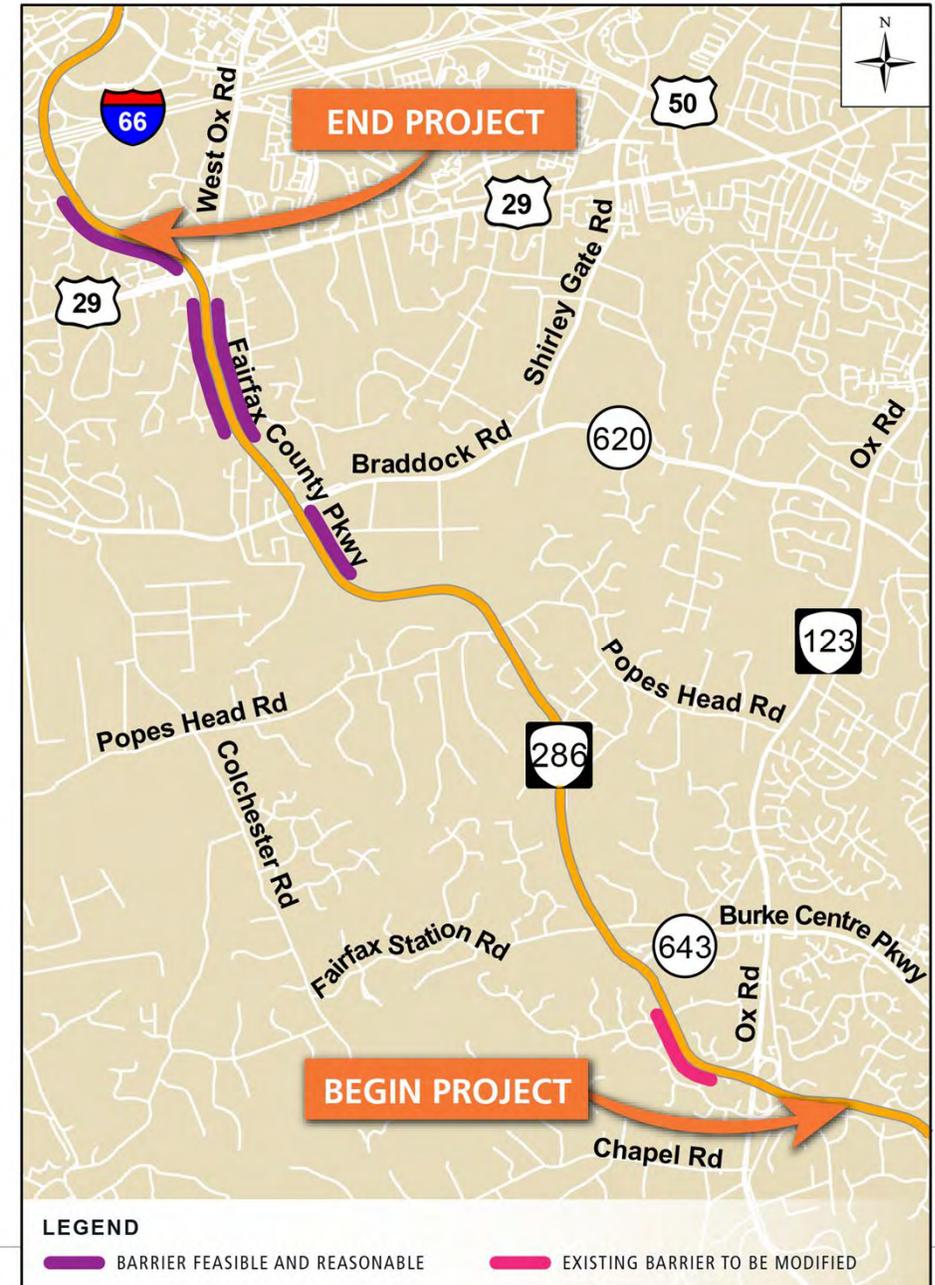


# Draft Preliminary Noise Analysis

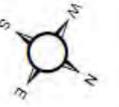
## Summary Slide

- Total of 4 new noise barriers considered feasible and reasonable
- One existing barrier replacement on the west side of Fairfax County Parkway between Route 123 and Clara Barton Drive considered feasible and reasonable

## Noise Analysis Process

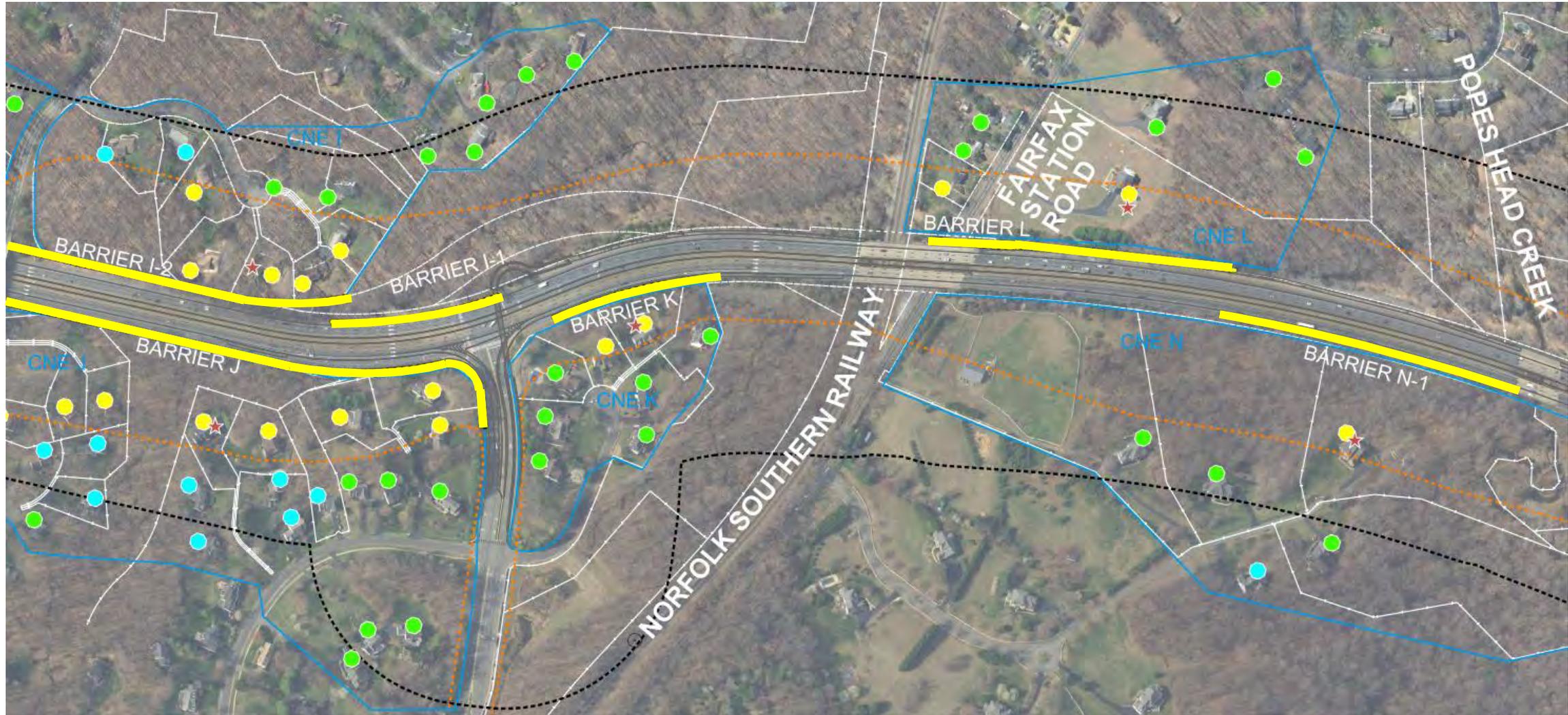


# Draft Preliminary Noise Analysis



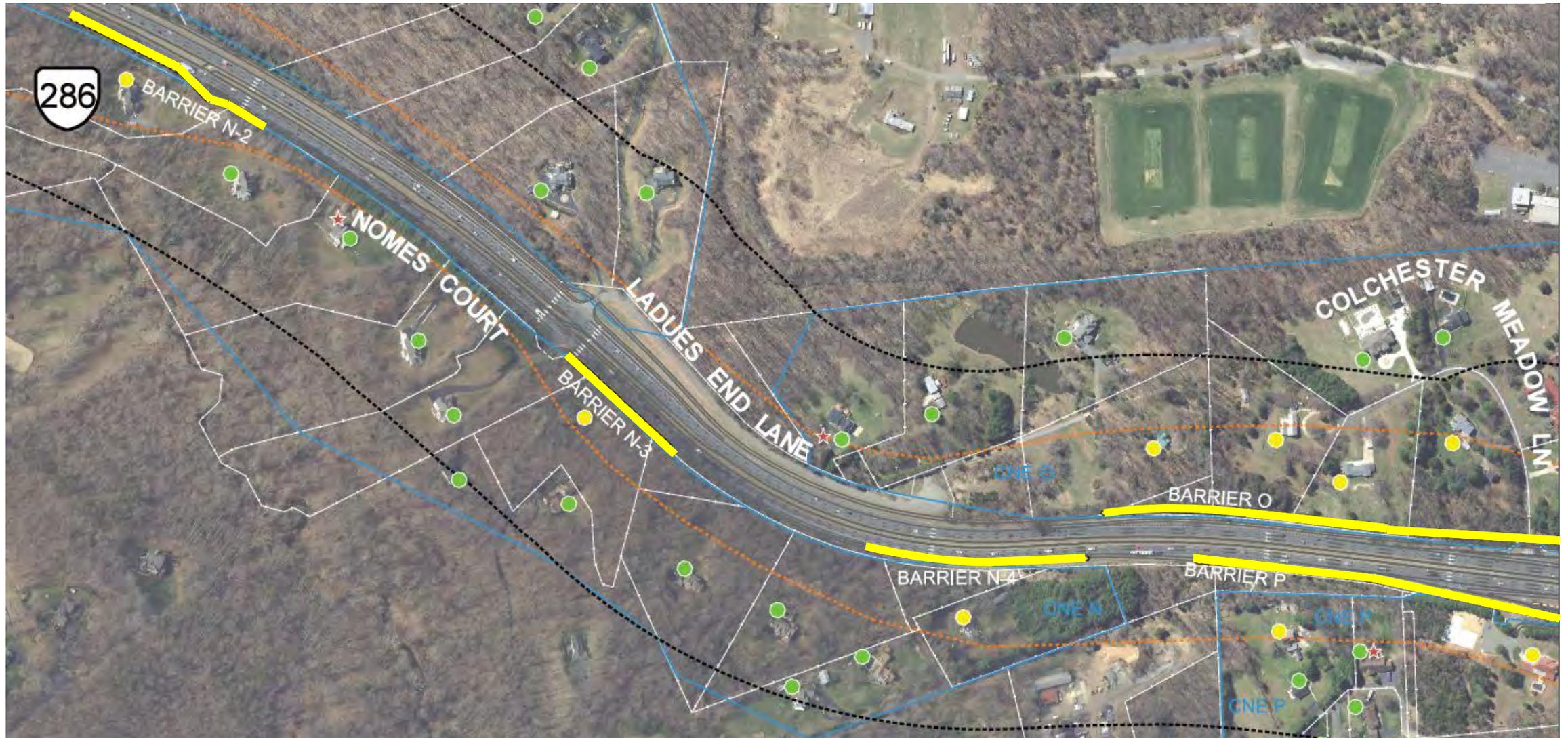
**Fairfax County Parkway at Route 123 Interchange**

# Draft Preliminary Noise Analysis



**Fairfax County Parkway at Burke Centre Parkway**

# Draft Preliminary Noise Analysis



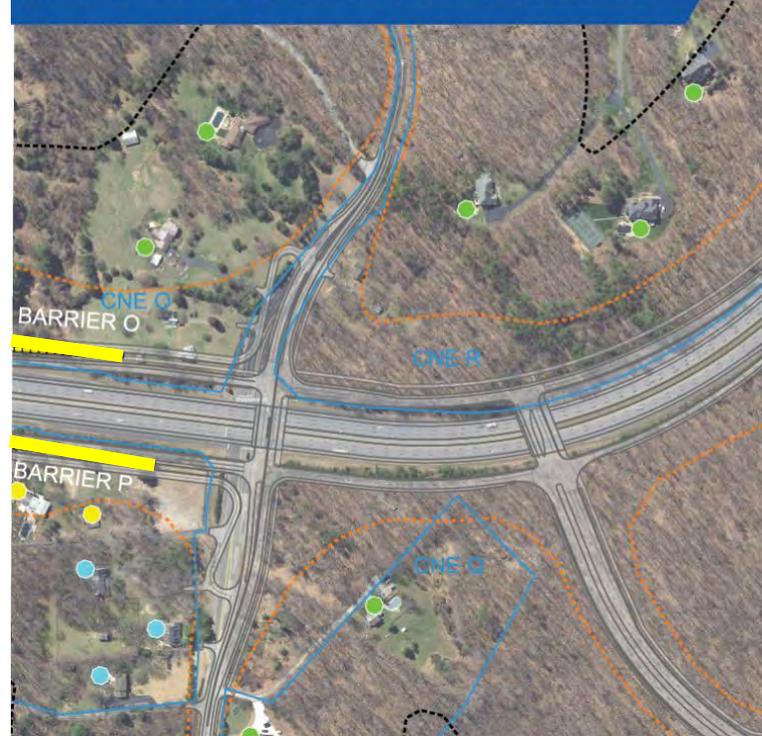
**Fairfax County Parkway at Ladues End Lane and Nomes Court**

# Draft Preliminary Noise Analysis

INTERCHANGE OPTION 1A: TRIPLE ROUNDABOUTS WITH ADDITIONAL RAMPS



INTERCHANGE OPTION 2: SPLIT DIAMOND

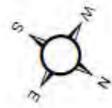


INTERCHANGE OPTION 2D: QUADRUPLE ROUNDABOUTS WITH ADDITIONAL RAMPS



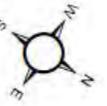
Fairfax County Parkway at Popes Head Road and Shirley Gate Extension Interchange

# Draft Preliminary Noise Analysis



## Fairfax County Parkway at Braddock Road Interchange

# Draft Preliminary Noise Analysis



Fairfax County Parkway at Route 29 Interchange

# Project Schedule:

Milestones	Dates
Public Information Meeting	December 7, 2017
Begin Noise Study	January 2018
Public Outreach Meetings	January – April 2018
Draft Preliminary Noise Study Completion	Mid 2018
Public Information Meetings	September – October 2018
Public Hearing	Late 2018/Early 2019
Design Approval	Mid 2019
Phase 1 Construction – Popes Head Road/Shirley Gate Road Interchange	
○ Award Design Build Contract/Begin Construction	Late 2019
○ Completion of Construction	Late 2022
Phase 2 Construction – Fairfax County Parkway Widening	To be determined as additional funding becomes available

# Estimated Project Cost and Funding

## Project Estimate and Budget

<u>Project</u>	<u>Preliminary Engineering</u>	<u>Right of Way/ Utility Relocation</u>	<u>Construction</u>	<u>Subtotal</u>	<u>Total</u>
Popes Head Interchange and FCP Widening		Phase 1: \$9.7M	Phase 1: \$54.6M	\$64.3M Smart Scale Budget	<b>\$194.6M</b>
	Phase 2: \$14M	Phase 2: \$22.3M	Phase 2: \$94M	\$116.3M	

**These project costs are estimates and subject to change as the project design is further developed**

## Current Funding Awarded

<u>Project</u>	<u>Amount</u>	<u>Source</u>	<u>Date Awarded</u>	<u>Phase</u>
Phase 1: Popes Head Interchange	\$4M	Fairfax County	FY2016	Construction
Phase 1: Popes Head Interchange	\$50.6M	Smart Scale	FY2018	Construction
Phase 2: FCP Widening	\$25.5M	NVTA & RSTP	7/14/2016	Right of Way & Design
Popes Head Interchange and FCP Widening	\$67M	NVTA	6/14/2018	Construction
Total:	<b>\$147.1M</b>			

**Northern Virginia Transportation Authority (NVTA) is the regional transportation planning and funding body**

# Summary

## Recommended Design Features

- **Route 123 improvements**
- **Widening with grass median from Route 123 to Route 29**
- **Burke Centre Parkway intersection**
- **Ladues End Lane and Nomes Court intersection**
- **Widening with concrete median barrier through Route 29 interchange**
- **Shared use path location**

## Further Design Required

- **Final configuration of interchange**
- **Shared use path crossing**
- **Final noise analysis**

# Questions?

- **Contact Information**

<b>Sitaram Kodali, P.E.</b>	<b>Andy 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**

# Comments and Questions?



**VDOT**  
www.VirginiaDOT.org

Public Information Meeting  
**Fairfax County Parkway Widening**  
Fairfax County

All meeting times are from 6:30 p.m. to 8:30 p.m. with a presentation at 7 p.m.

**Tuesday, Sept. 25, 2018**  
Willow Springs Elementary School  
5400 Willow Springs School Road  
Fairfax, VA 22030

**Thursday, Sept. 27, 2018**  
Fairview Elementary School  
5815 Oak Road  
Fairfax Station, VA 22039

**Wednesday, Oct. 3, 2018**  
Oak View Elementary School  
5004 Sidaburn Road  
Fairfax, VA 22032

**COMMENT SHEET**

Federal Project: STP-5401 (775)  
State Project Number: 026-029-259, P101  
UPC: 107937

All comments are subject to public disclosure.

Name (optional): \_\_\_\_\_  
Address (optional): \_\_\_\_\_  
Email (optional): \_\_\_\_\_

1. Which of the following best applies to you?  
 I live on a street that intersects with Fairfax County Parkway.  
 I live in a neighborhood adjacent to Fairfax County Parkway.  
 I commute on Fairfax County Parkway.  
 Other \_\_\_\_\_

2. Which interchange option do you prefer?  
 Diamond Interchange with Triple Roundabouts  
 Split Diamond Interchange  
 Diamond Interchange with Quadruple Roundabouts  
 Other \_\_\_\_\_

Why do you prefer the option selected above?  
\_\_\_\_\_

3. Please provide us with any additional information or suggestions, which you feel would assist in the completion of the project.  
\_\_\_\_\_

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

Please leave this comment sheet at the designated location, mail your comments within 10 days (postmarked October 15, 2018) to the addresses on the reverse side, or email to [meetingcomments@vdot.virginia.gov](mailto:meetingcomments@vdot.virginia.gov)