

## 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 **April 26, 2019**. Mail comments to Mr. Dan Reinhard, P.E. at the address below or email richmondhighway@vdot.virginia.gov.

Project information shared at this meeting will be available at [www.virginiadot.org/richmondhighway](http://www.virginiadot.org/richmondhighway) and at VDOT's Northern Virginia District Office.

The project team continues to meet with homeowner associations and community groups throughout the corridor. If you're interested in having the project team give a briefing to your group, let someone from the project team know tonight or email [richmondhighway@vdot.virginia.gov](mailto:richmondhighway@vdot.virginia.gov).

## Contact Information

<b>Primary Contact:</b> Dan Reinhard, P.E. <a href="mailto:dan.reinhard@vdot.virginia.gov">dan.reinhard@vdot.virginia.gov</a>	Location & Design	4975 Alliance Drive Fairfax, VA 22030	703-259-2599
Anissa Brown <a href="mailto:anissa.brown@vdot.virginia.gov">anissa.brown@vdot.virginia.gov</a>	Environmental	4975 Alliance Drive Fairfax, VA 22030	703-259-3358
Brian Costello <a href="mailto:brian.costello@vdot.virginia.gov">brian.costello@vdot.virginia.gov</a>	Right of Way & Utilities	4975 Alliance Drive Fairfax, VA 22030	703-259-2986
Jennifer McCord <a href="mailto:jennifer.mccord@vdot.virginia.gov">jennifer.mccord@vdot.virginia.gov</a>	Communications	4975 Alliance Drive Fairfax, VA 22030	703-259-1779

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Design Public Hearing

## Richmond Highway Corridor Improvements

From Jeff Todd Way to Sherwood Hall Lane

**Tuesday, March 26, 2019**

**6:30 to 8:30 p.m.**

**Presentation starts at 7 p.m.**

Mount Vernon High School  
8515 Old Mount Vernon Road  
Alexandria, VA 22309

## Public Hearing

The Virginia Department of Transportation (VDOT) welcomes you to the design public hearing for the Richmond Highway (Route 1) Corridor Improvements project from Jeff Todd Way to Sherwood Hall Lane in Fairfax County. We look forward to your active participation.

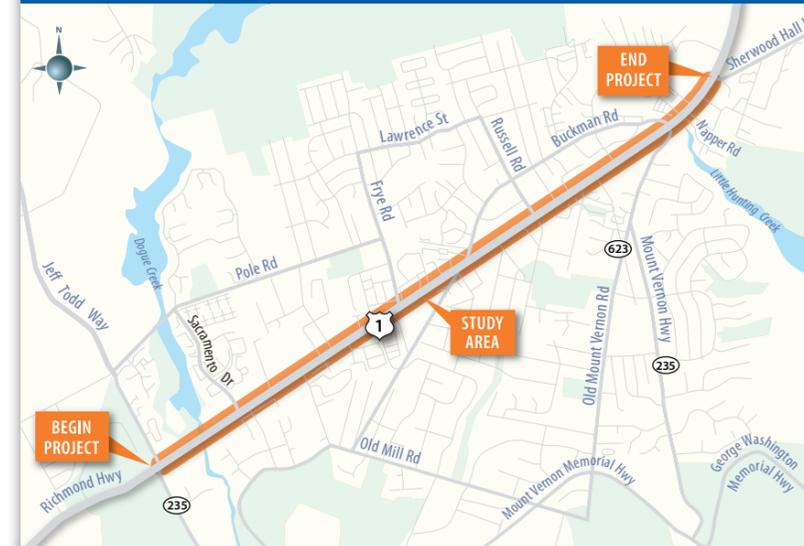
This design public hearing is being held to provide an opportunity for citizens and organizations to comment or give suggestions on the proposed project. VDOT strives to ensure that all members of the community have the opportunity to participate in public discussions on transportation projects and programs affecting them. VDOT and Fairfax County

continue to coordinate on the design of road improvements, the county's Embark initiative and the future Bus Rapid Transit system.

A comment sheet is included in this brochure and your input is encouraged. All comments received will be reviewed by VDOT and the design team. You can email comments to [richmondhighway@vdot.virginia.gov](mailto:richmondhighway@vdot.virginia.gov).

Two court reporters are present at tonight's meeting to take your comments and the project team is available to discuss your concerns.

## Project Overview



Richmond Highway Corridor Improvements project area

**Purpose:** To increase capacity, safety and mobility for all users

**Project Limits:** Richmond Highway from Jeff Todd Way to Sherwood Hall Lane

**Improvements:** Widen about three miles of the road from four to six lanes, including sidewalks and bike paths on both sides of the street

State: 0001-029-205, P101, R201, C501, B617, B618, D603  
UPC: 107187, Federal: STP-5A01 (686)

## Project Description

This project will improve about three miles of Richmond Highway between Jeff Todd Way and Sherwood Hall Lane. Proposed project improvements include:

- Widening the road from four lanes to six lanes
- Making intersection improvements
- Building separate sidewalks and bike paths on both sides of the road
- Reserving the median width necessary to accommodate Fairfax County's future planned Bus Rapid Transit for dedicated bus-only lanes
- Building three bridges and new stormwater management facilities

These improvements focus on improving safety, decreasing congestion, increasing capacity, and expanding mobility for all users, all in conformance with Fairfax County's Comprehensive Plan. The preferred design includes road widening and several major intersection improvements, including:

- Adding left, through and right turns at each signalized intersection
- Accommodating multiple signal phases to improve traffic flow
- Adding bicycle and pedestrian crossing signals to improve safety

### Sacramento Drive and Cooper Road

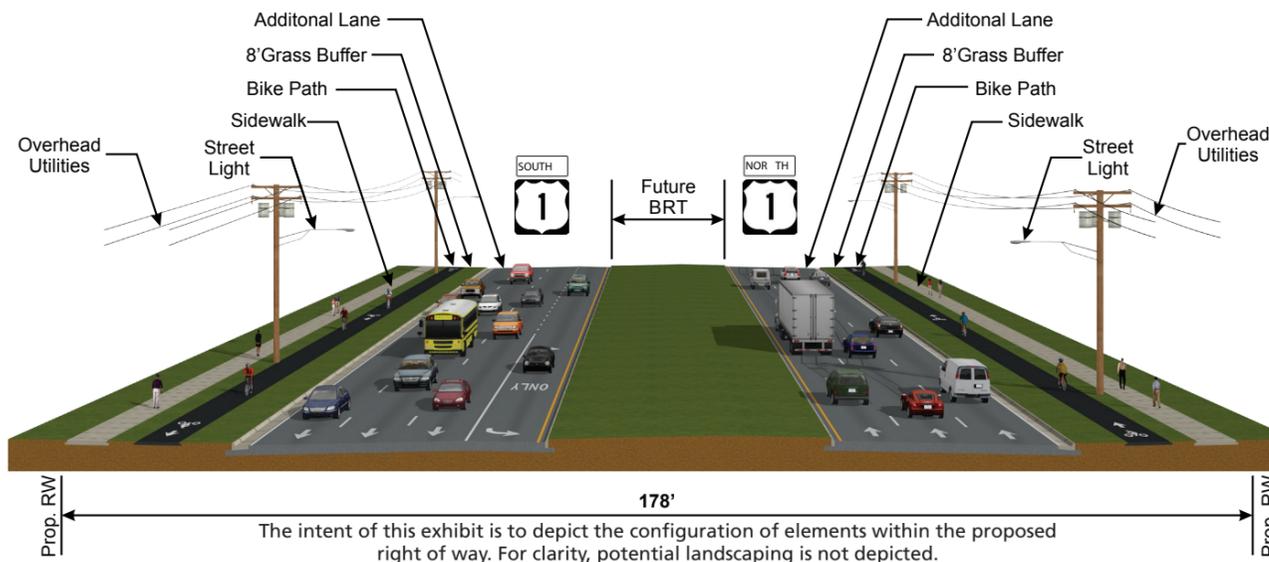
- Realigning Sacramento Drive to meet the existing Cooper Road intersection, consistent with the Fairfax County Comprehensive Plan
- Adding second left-turn lane along both Sacramento Drive and Cooper Road
- Adding pedestrian crosswalks and signals on all sides of the intersection

### Buckman Road and Mount Vernon Highway

- Realigning the Buckman Road and Mount Vernon Highway intersection to provide dual left-turn lanes and a right-turn lane along southbound Richmond Highway
- Adding a third lane along Buckman Road to create two left-turn lanes and a separate through right-turn lane
- Adding a second right-turn lane along Mount Vernon Highway
- Adding pedestrian crosswalks and signals across the east, south and west legs of the intersection

The meeting tonight will provide additional information on the preferred design. Representatives from Fairfax County are also present to discuss other planned improvements and projects along the corridor.

## Typical Section



## Estimated Project Cost

Preliminary Engineering:	<b>\$16 million</b>
Right of Way:	<b>\$160 million</b>
Construction:	<b>\$196 million</b>
Total Cost:	<b>\$372 million</b>

This project is currently funded through the right of way phase and includes Regional Surface Transportation Program, Revenue Sharing and Northern Virginia Transportation Authority funds. All project costs are estimates and subject to change as the project design is finalized.

## 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 Dan Reinhard, P.E. at 703-259-2599 or TTY/TDD 711.

## Right of Way

As design of this project is finalized, additional easements may be required beyond the proposed right of way shown on the public hearing plans. 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, "A 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

- Design Public Hearing  
**March 26, 2019**
- Approve Design  
**Spring 2019**
- Begin Right of Way Acquisition  
**Winter 2019/20**
- Begin Utility Relocation  
**Winter 2020/21**
- Begin Construction  
**Summer 2023**

## Environmental Review

The Environmental Assessment (EA) was publicly available at National Environmental Policy Act (NEPA) public hearing held on October 29, 2018 and the public comment period closed on December 6, 2018. The public involvement requirements under 23 CFR 771(h) have now been satisfied. The EA document can still be viewed at the project's design public hearing and online at [www.virginiadot.org/richmondhighway](http://www.virginiadot.org/richmondhighway). Representatives from VDOT's Environmental Section are available to discuss the environmental review process and to answer any questions.



Design Public Hearing

## Richmond Highway Corridor Improvements

From Jeff Todd Way to Sherwood Hall Lane

**Tuesday, March 26, 2019**

**6:30 to 8:30 p.m.**

**Presentation starts at 7 p.m.**

Mount Vernon High School  
8515 Old Mount Vernon Road  
Alexandria, VA 22309

### COMMENT SHEET

State: 0001-029-205, P101, R201, C501, B617, B618, D603  
UPC: 107187, Federal: STP-5A01 (686)

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

Name (optional): \_\_\_\_\_

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

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

1. Do you have concerns about the proposed design elements?

2. Would you use an underpass at the following locations, which will allow bicyclists and pedestrians to cross under Richmond Highway?

**Little Hunting Creek** (under Richmond Highway between Buckman Road and Napper Road)

Yes       No

**Dogue Creek** (under Richmond Highway between Jeff Todd Way and Sacramento Drive)

Yes       No

Comments:

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

4. How did you hear about this meeting?

Newspaper       Postcard       VDOT Social Media       Other \_\_\_\_\_

Please leave this comment sheet at the designated location, mail your comments to the addressee on the reverse side, or email them to [richmondhighway@vdot.virginia.gov](mailto:richmondhighway@vdot.virginia.gov) by **April 26, 2019**.

Fold Line

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Virginia Department Of Transportation  
Northern Virginia District  
Mr. Dan Reinhard, P.E.  
4975 Alliance Drive  
Fairfax, VA 22030

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# DESIGN PUBLIC HEARING

TUESDAY, MARCH 26, 2019  
MOUNT VERNON HIGH SCHOOL  
8515 OLD MT. VERNON ROAD, ALEXANDRIA, VA 22309

Nicholas Roper, PE, VDOT - Assistant District Administrator for Project Development

Dan Reinhard, PE, VDOT - Design Project Manager

UPC 107187 Richmond Highway Corridor Improvements

# Today's Meeting Agenda

**6:30 – 8:30 pm**

**Cafeteria open for Board/Station Review**  
*Staff will be at stations throughout this period*

**7:00 – 7:30 pm**

**Project Overview**  
**Schedule moving forward**

**7:30 – 8:00 pm**

**Questions**

**7:30 – 8:30 pm**

**Project team available for discussions**

*Court reporters are in the auditorium and the cafeteria to take your comments*

# Public Involvement and Outreach

- 4 public information meetings
- 27 property owner meetings, 11 community meetings
  
- Direct Mailings
  - 3,000 letters to property owners/tenants
  - 25,000 postcards to owners/tenants within ¼ mile
  
- Newspaper Ads
  - Mount Vernon Gazette (10 ads)
  - Washington Post (10 ads)
  - El Tiempo Latino (10 ads)
  - Korea Daily (Washington DC edition) (10 ads)
  
- VDOT Social Media, project posts on
  - Facebook
  - Twitter @ VaDOTNOVA
  
- News Releases to Media
  
- Electronic updates via project website [www.virginiadot.org/richmondhighway](http://www.virginiadot.org/richmondhighway) and project newsletters



# Public Involvement

## Today's meeting

### Public Information Meeting

An opportunity for public input, in an informal setting, on the ongoing development of project information

Influences the course of the preliminary studies

Allows data to be gathered and evaluated to allow development of feasible alternatives



### Design Public Hearing

An opportunity for public input, in a formal setting, prior to commitment to specific design features

Held for project being developed on an existing alignment

Held after plans are 40% completed and major design features are delineated on plans and identified clearly



# Project Coordination



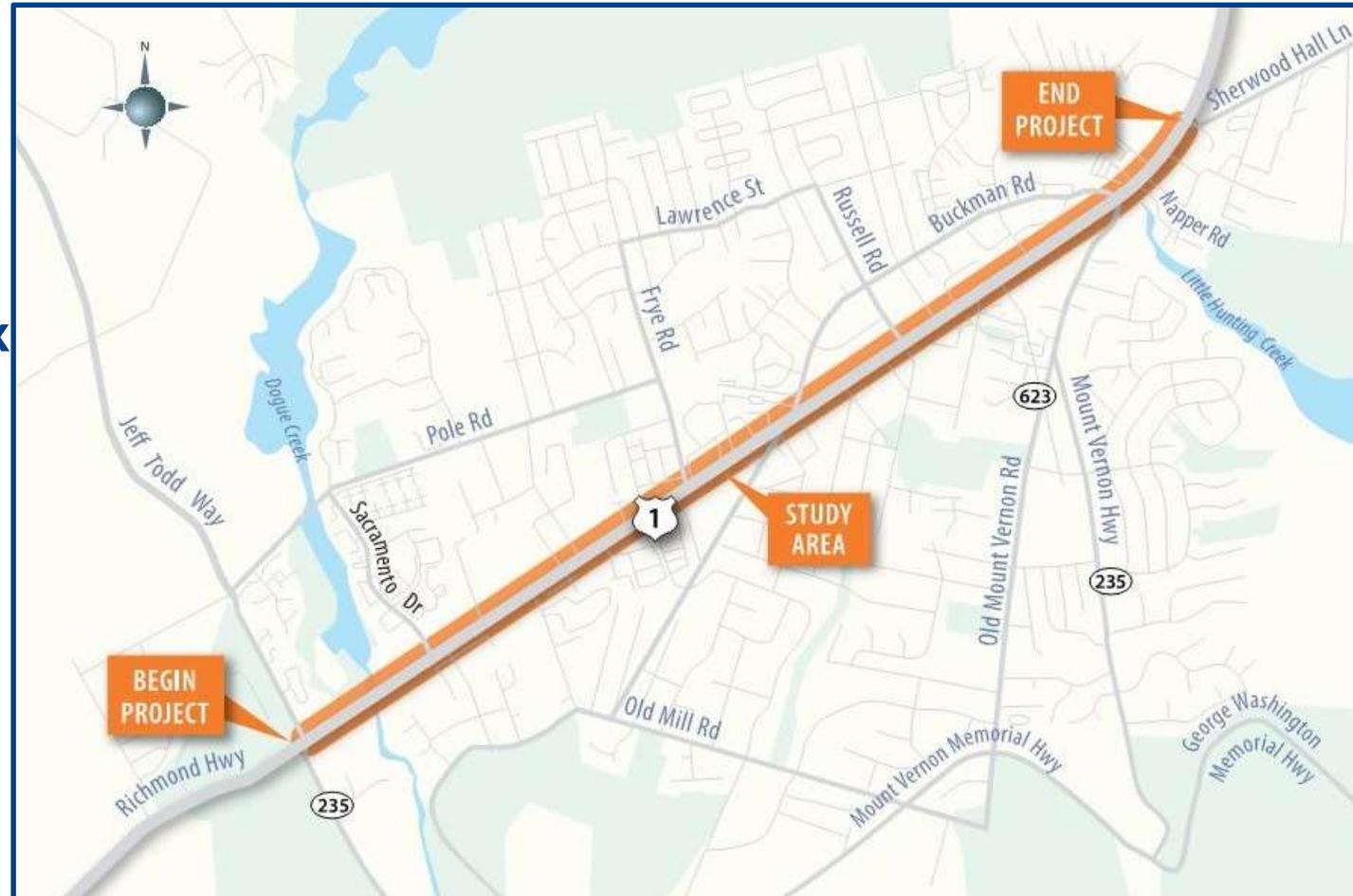
Embark Richmond Highway is an initiative focused on creating a multimodal future for Richmond Highway Corridor where residents, workers, and visitors can walk, bike, or drive to the places they want to go. The components of the Embark Richmond Highway project include:



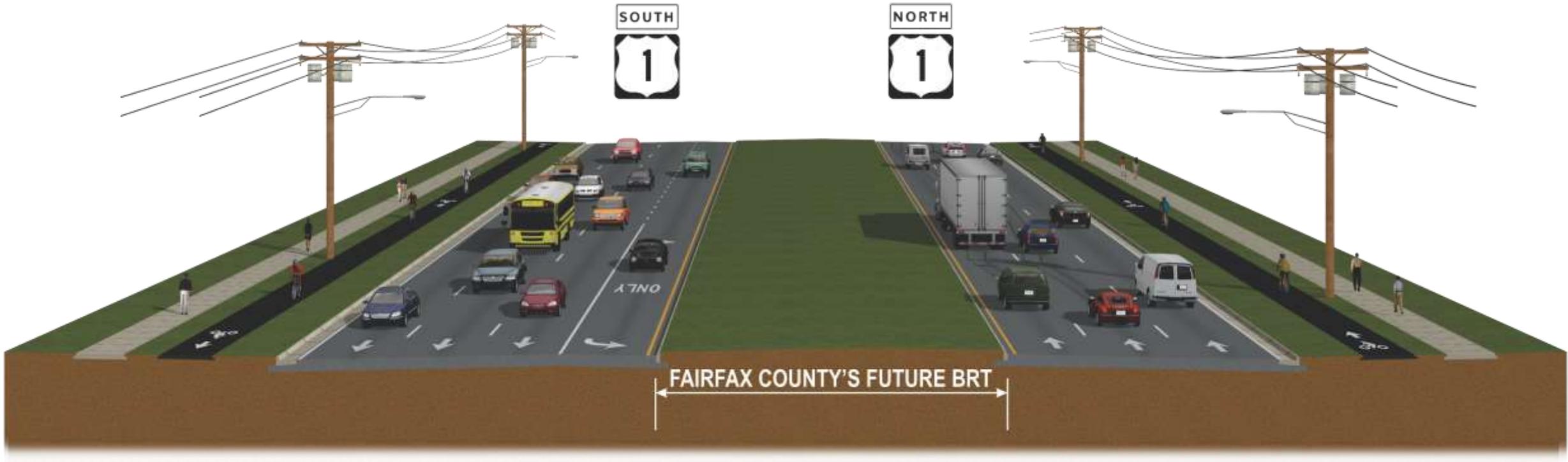
- ⇒ Fairfax County-led components of EMBARK are providing the vision for the design of the widening of Richmond Highway from Jeff Todd Way to Sherwood Hall Lane.
- ⇒ Fairfax County Board of Supervisors approved the Embark Comprehensive Plan Amendment on March 20, 2018
- ⇒ Coordination between state and local agencies occurs regularly at project progress meetings and during informal discussions and mini-workshops.
- ⇒ VDOT maintains Richmond Highway and makes final decisions considering the positions of its partners and the public
- ⇒ Fairfax County Board of Supervisors will be asked to provide endorsement of this project following the Design Public Hearing.

# Project Overview

- **Widening of Richmond Highway (US Route 1) from four lanes to six lanes**
  - Jeff Todd Way to Sherwood Hall Lane
  - Approximately 3 miles
- **Safety improvements**
- **Congestion relief**
- **Intersection improvements**
- **Median reservation for future Fairfax County Bus Rapid Transit (BRT)**
- **Sidewalks and separate bicycle paths on both sides of road**
- **Three bridge replacements**
- **Potential noise walls**
- **Utility relocations**
- **Stormwater management**

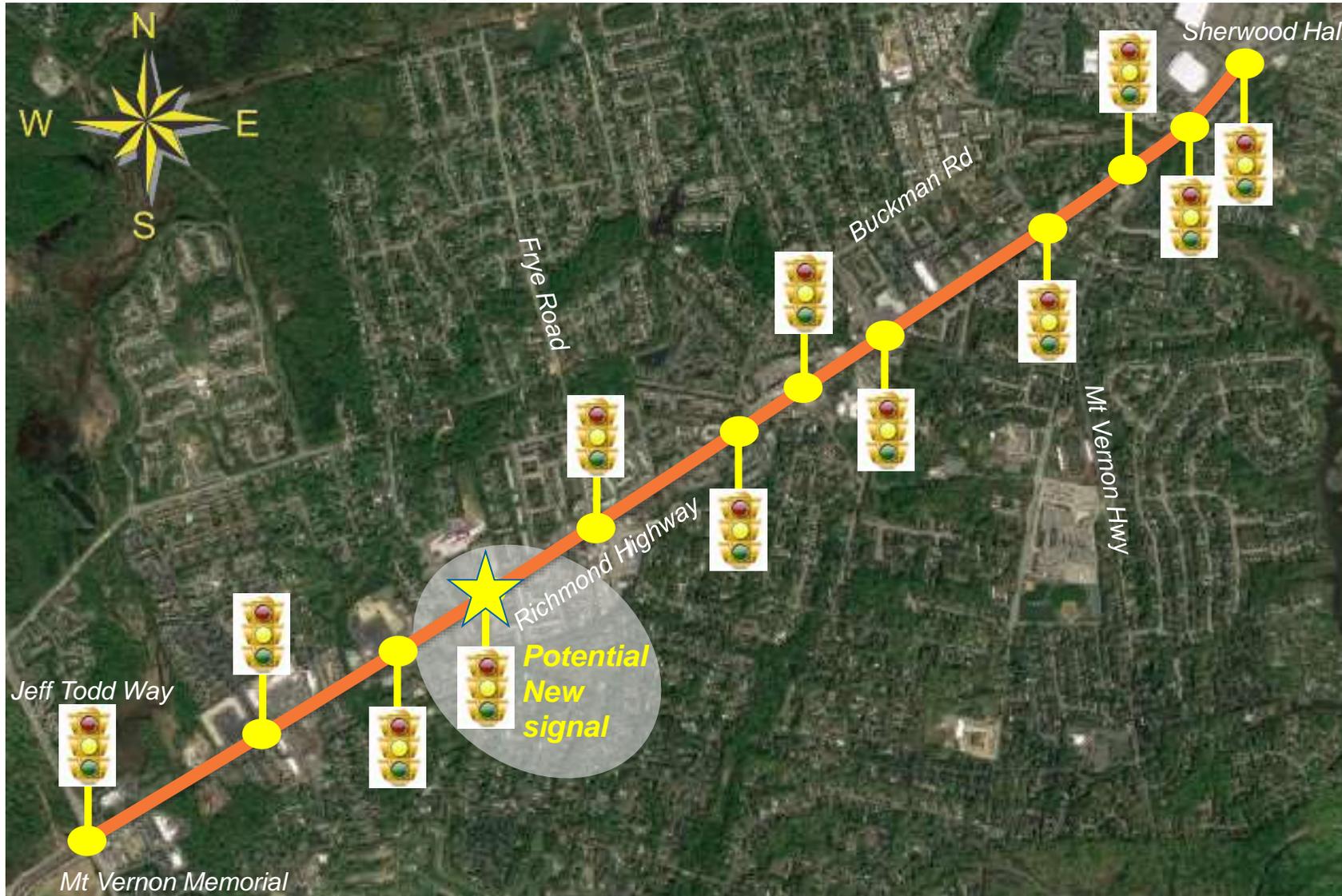


# Typical Section



The intent of this exhibit is to depict the configuration of elements within the proposed right-of-way width of 178 ft. For clarity, potential landscaping is not depicted.

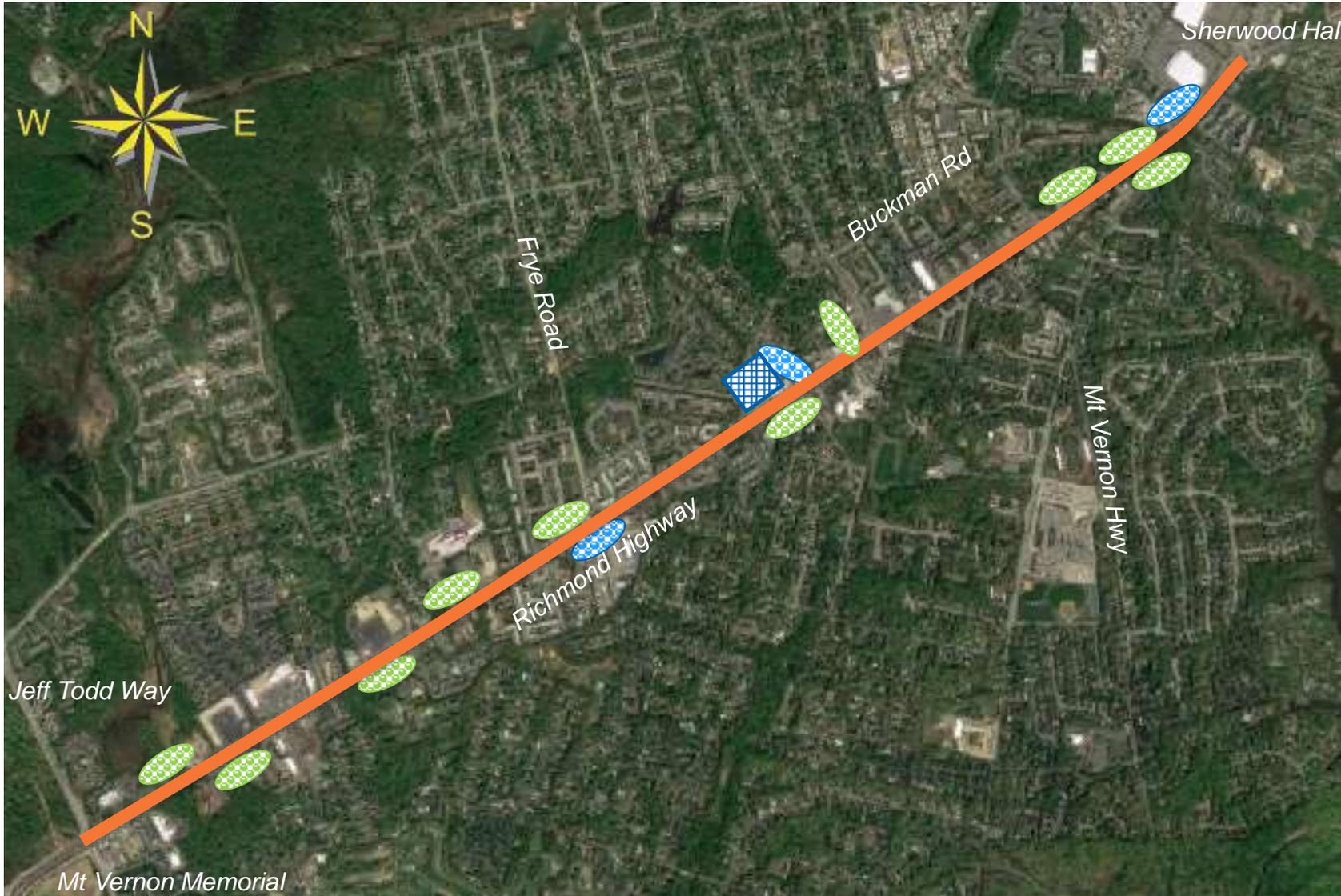
# Traffic Signals



## 12 Traffic Signals

- All existing intersections upgraded to new signal equipment
- Left turns and U-turns only at signalized intersections
- Pedestrian and cycle track signals provided
- Potential new signal at US Postal Service / Wyngate Manor Court

# Stormwater Management



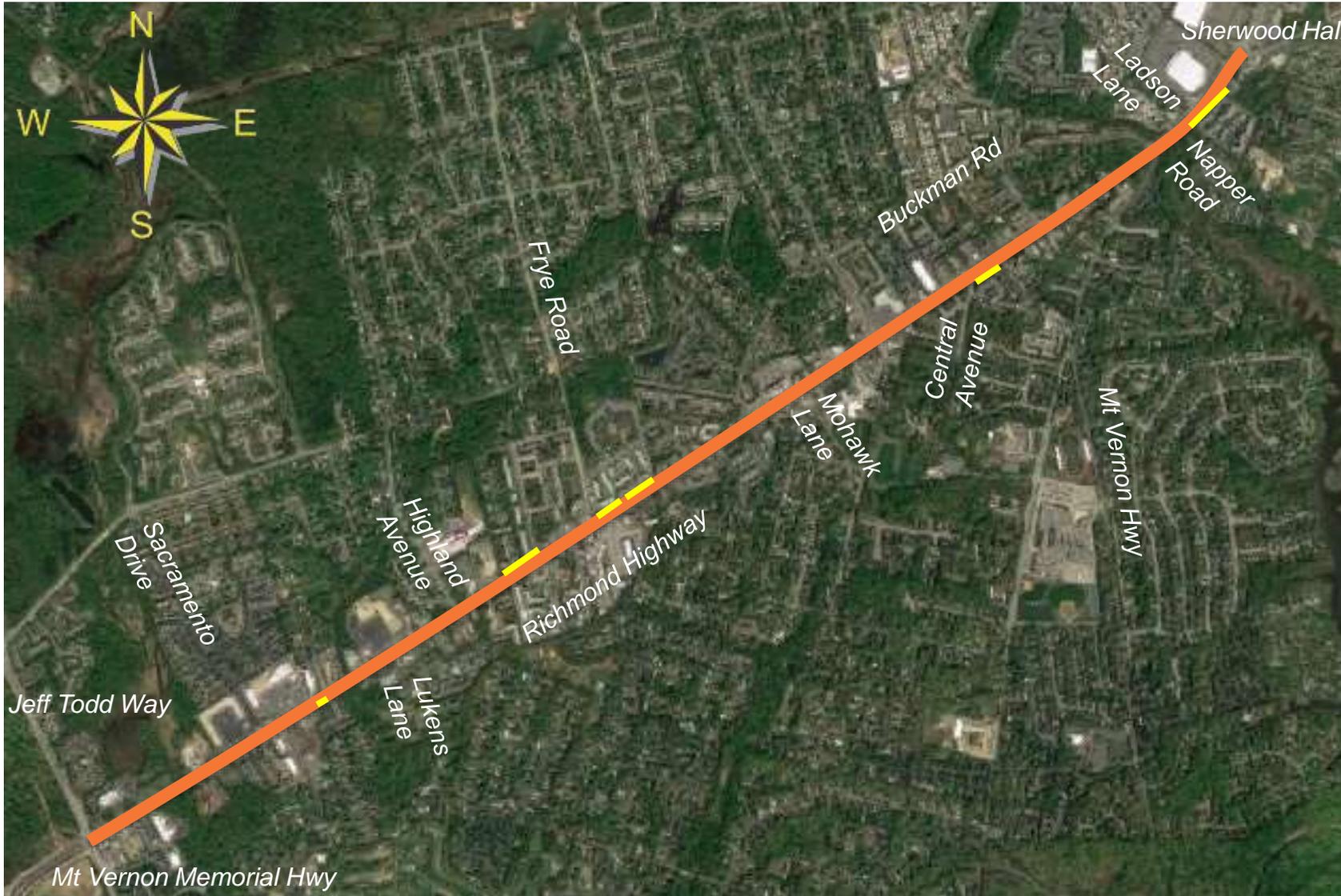
## Candidate Stormwater Management Facilities

- 13 Bioretentions
- 3 Wet Ponds
- 1 Underground storage

### LEGEND:

-  Bioretention
-  Wet Pond
-  Underground

# Noise Walls



## Preliminary feasible noise walls are identified

- NB Rte. 1 – 1,009'
- SB Rte. 1 – 1,004'
- 6.5% of total project length
- Impacted and benefited owners and tenants will vote in final design on whether to construct each noise wall or not

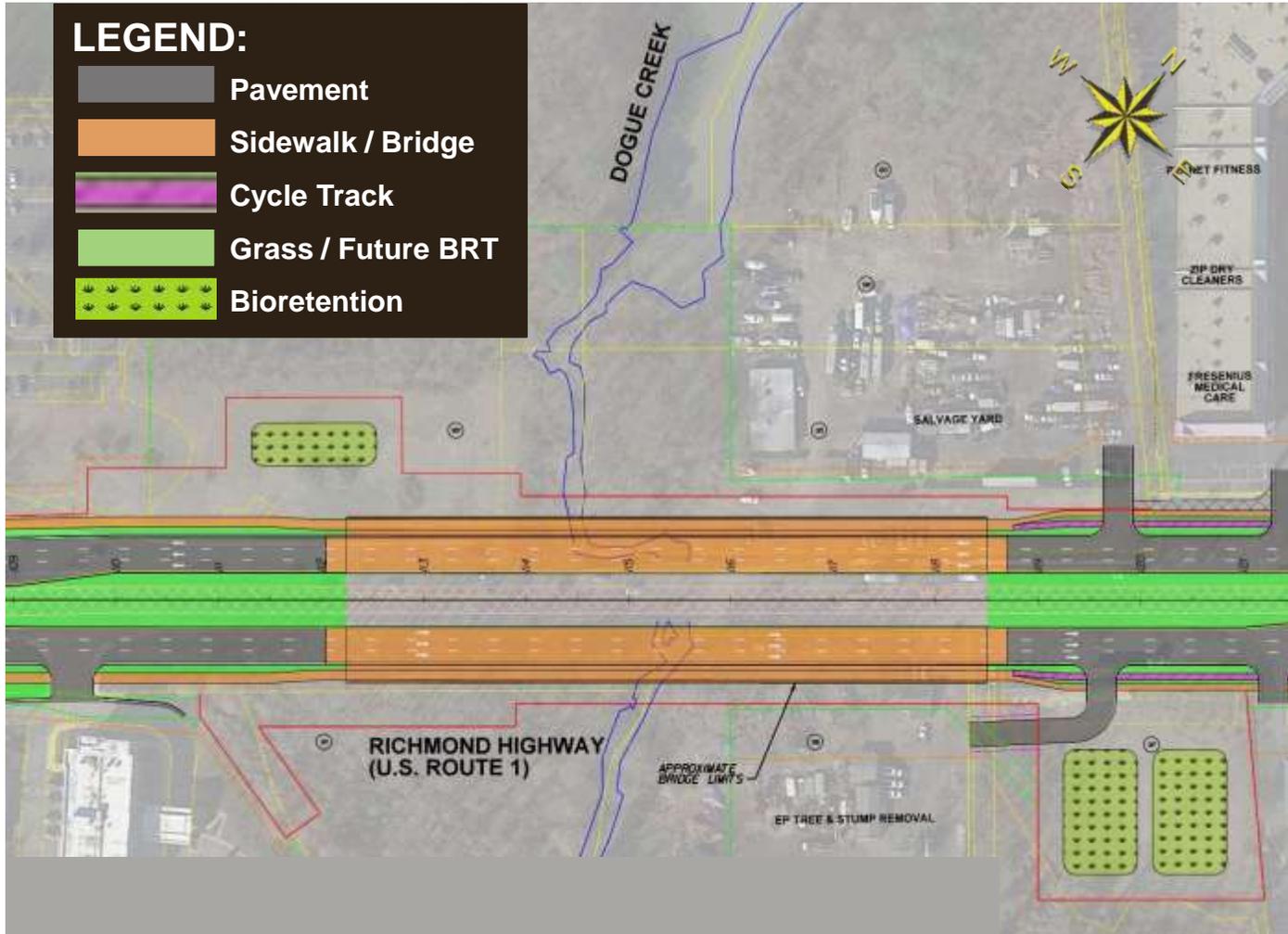
**LEGEND:**  
— Potential Noise Wall



# Featured Project Areas



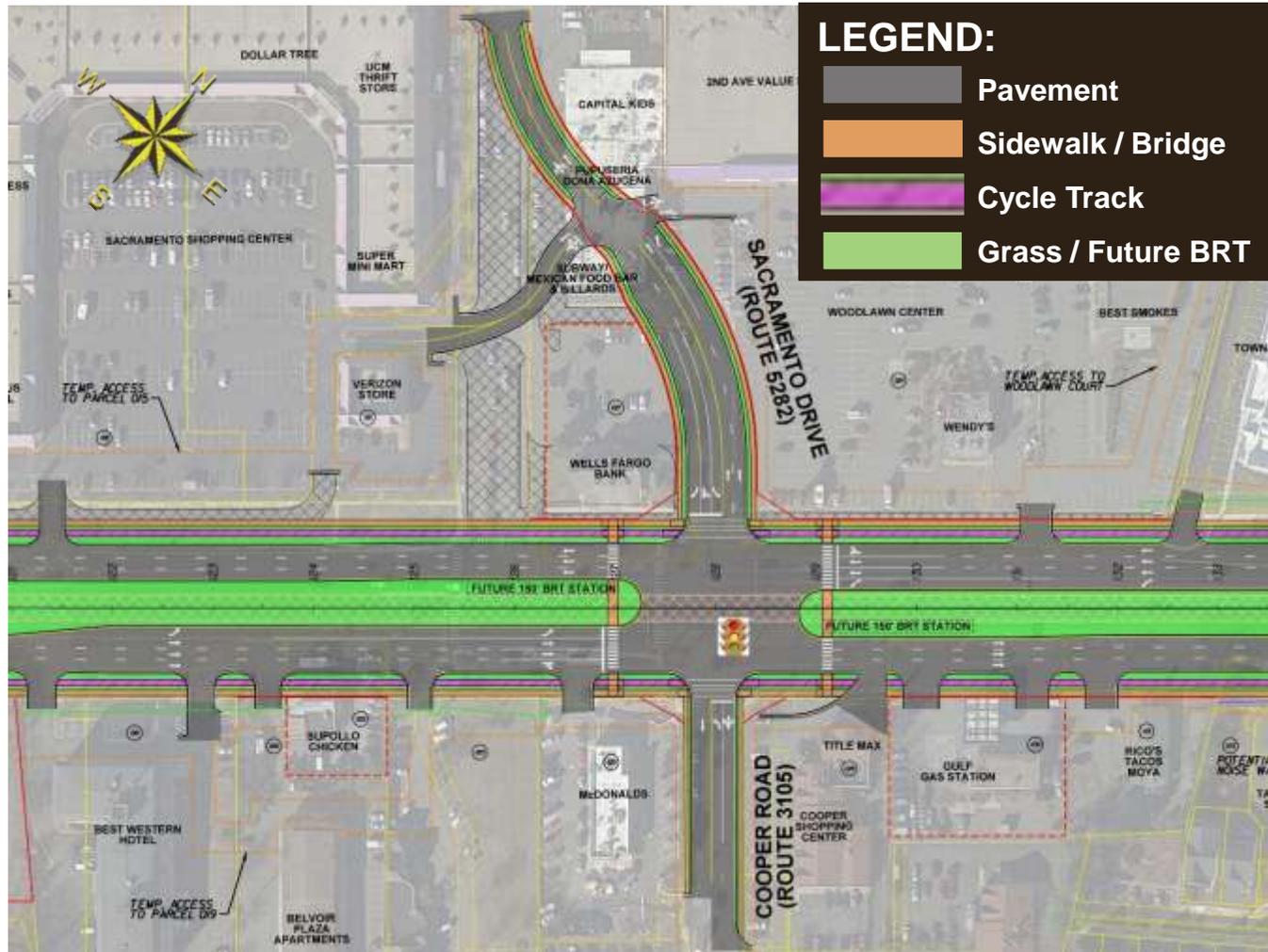
# Dogue Creek Bridge and Sacramento Drive / Cooper Road



## Dogue Creek Bridge

- Current bridge is 30' long and new bridge proposed to be 625' long
- New bridge is up to 14' higher than existing bridge
- Sidewalk and cycle track from north combine to a shared use path on bridge and south
- Provisions for potential pedestrian underpass

# Dogue Creek Bridge and Sacramento Drive / Cooper Road

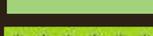
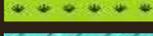


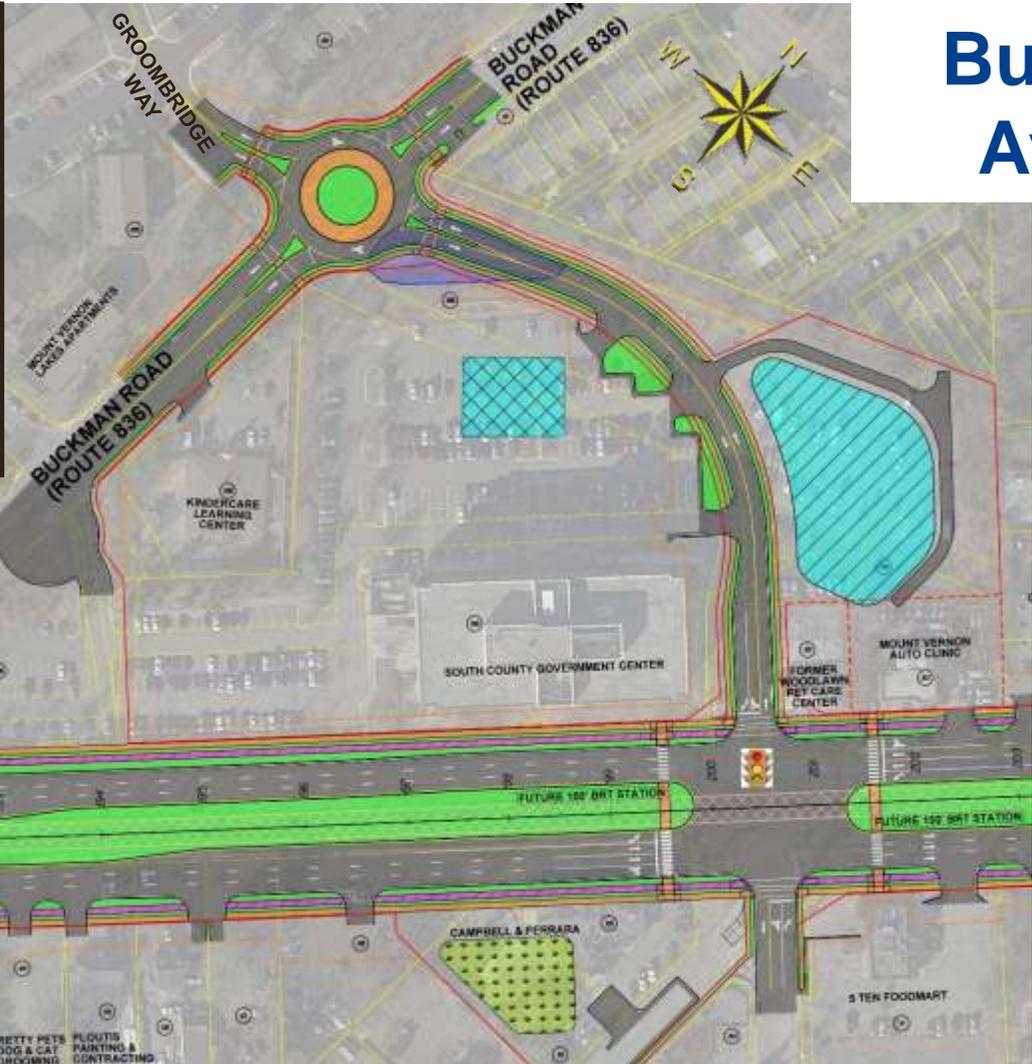
## Sacramento Drive / Cooper Road

- Realign Sacramento Drive to meet Cooper Road
- Single, traditional intersection
- Partial building removal required at Woodlawn Center
- Consistent with Fairfax County Comprehensive Plan

# South County Government Center

**LEGEND:**

-  Pavement
-  Sidewalk / Bridge
-  Cycle Track
-  Grass / Future BRT
-  Bioretention
-  Wet Pond
-  Underground Detention



## Buckman Road / Radford Avenue / Mohawk Lane

- Realign Buckman Road to Mohawk Lane via roundabout
- Realign intersection to Radford Avenue
- Cul-de-sac along Buckman Road for access
- Close Washington Avenue at Mohawk Lane with turnaround

# South County Government Center

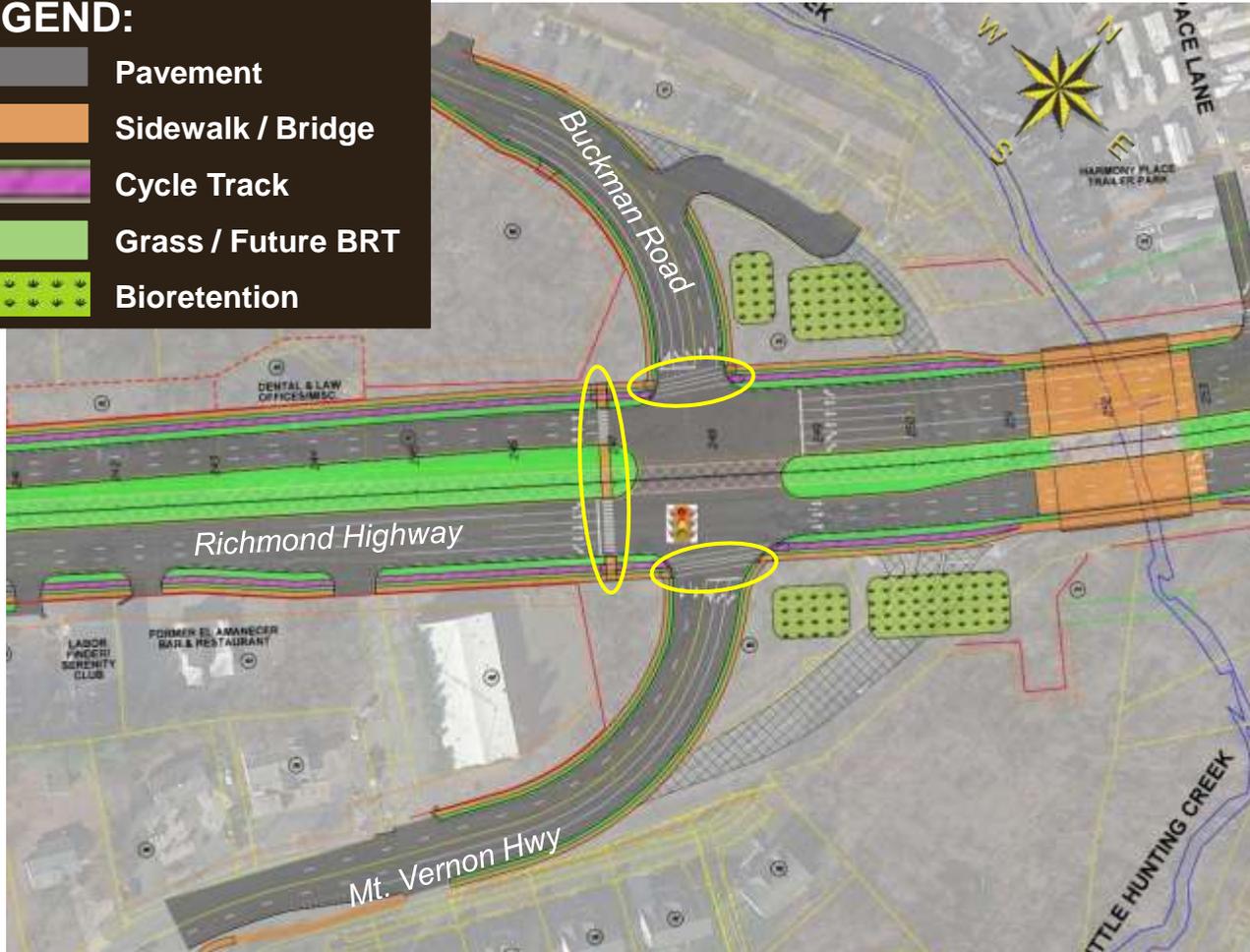
## Washington Avenue Access



# Little Hunting Creek and Buckman Road / Mt Vernon Highway

**LEGEND:**

	Pavement
	Sidewalk / Bridge
	Cycle Track
	Grass / Future BRT
	Bioretention



- Realign intersection 200 feet
- Dual left-turn lanes southbound to Mt. Vernon Highway
- Dual left-turn lanes from Buckman Road
- Dual right-turn lanes from Mt. Vernon Highway
- Pedestrian crossings across east, south and west legs of intersection
- Little Hunting Creek Bridge will be higher and longer than existing
- Potential pedestrian underpass at Little Hunting Creek

# Potential Pedestrian Underpasses Advantages and Disadvantages

## Advantages

- Provides an alternative to crosswalks at signalized intersections
- Provides a single stage crossing of Richmond Highway
- No pedestrian/vehicle conflict points

## Disadvantages

- Safety
- Maintenance
  - Trash
  - Graffiti
  - Snow
- Underpass could be impassable from flooding during very intense weather events

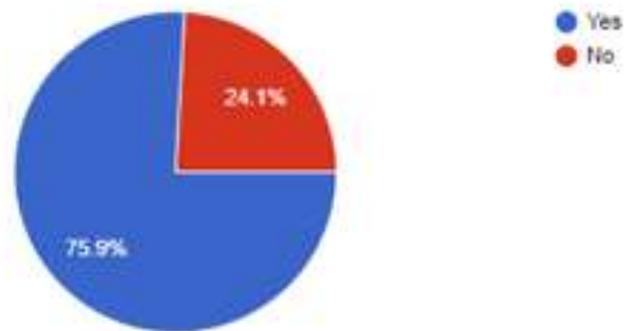


# Potential Pedestrian Underpasses

## Survey by State Senator Surovell (Fall 2017)

Do you believe there should be a pedestrian/bicycle tunnel under U.S. 1 Little Hunting Creek?

112 responses



## Public Information Meeting #4 Comments (Oct. 2018)

### Dogue Creek

- 38 responses
- 39% would use underpass
- 61% would not use underpass

### Little Hunting Creek

- 38 responses
- 32% would use underpass
- 68% would not use underpass

**More public feedback is encouraged**

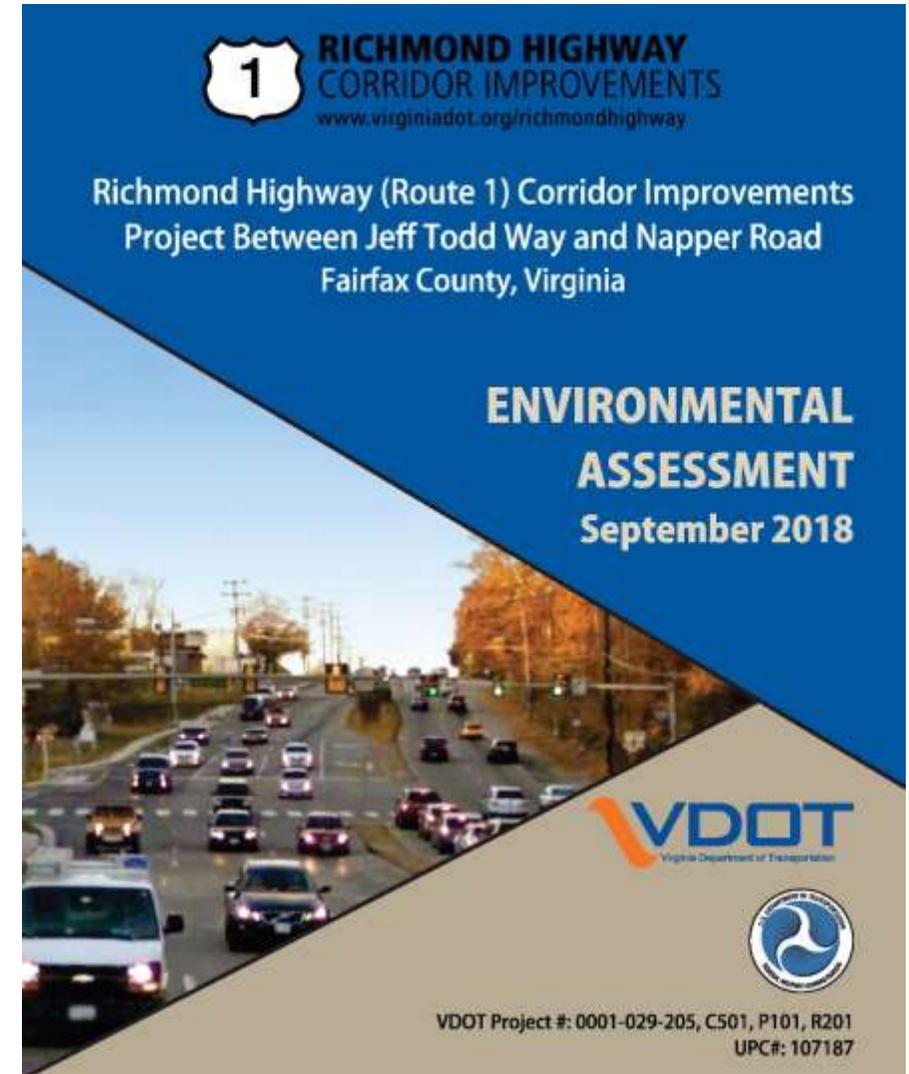
# Environmental Assessment

A NEPA public hearing was held Oct. 29, 2018 and the comment period closed Dec. 6, 2018.

Environmental Assessment Document is available on the website for review.

Final Step in NEPA Process:

- Addressing Comments received
- Seeking Finding of No Significant Impact from FHWA, in spring 2019.



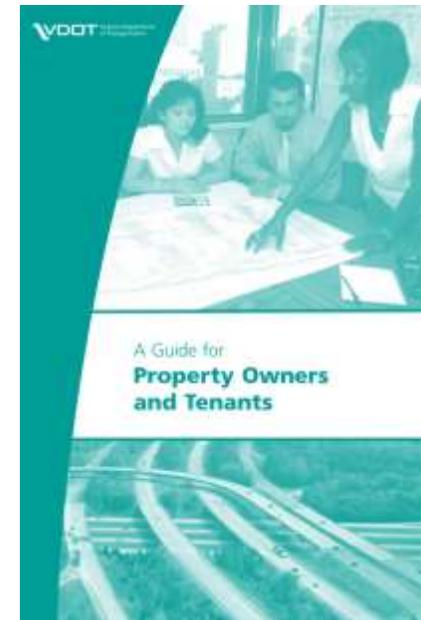
# Utility Impacts

- **Known utility owners affected include:**
  - Dominion Energy
  - Dominion Energy Transmission
  - Verizon
  - Cox Communications
  - Washington Gas
  - Fairfax Water
  - Fairfax County DPW (Sanitary Sewer)
- **Utility relocations will be undertaken in a phased approach as right-of-way is secured**
- **Additional utility easements will be required, to be determined during detailed design**
- **Goal is to relocate utilities before start of road construction**
- **Senate Bill 1759 on undergrounding is under review**

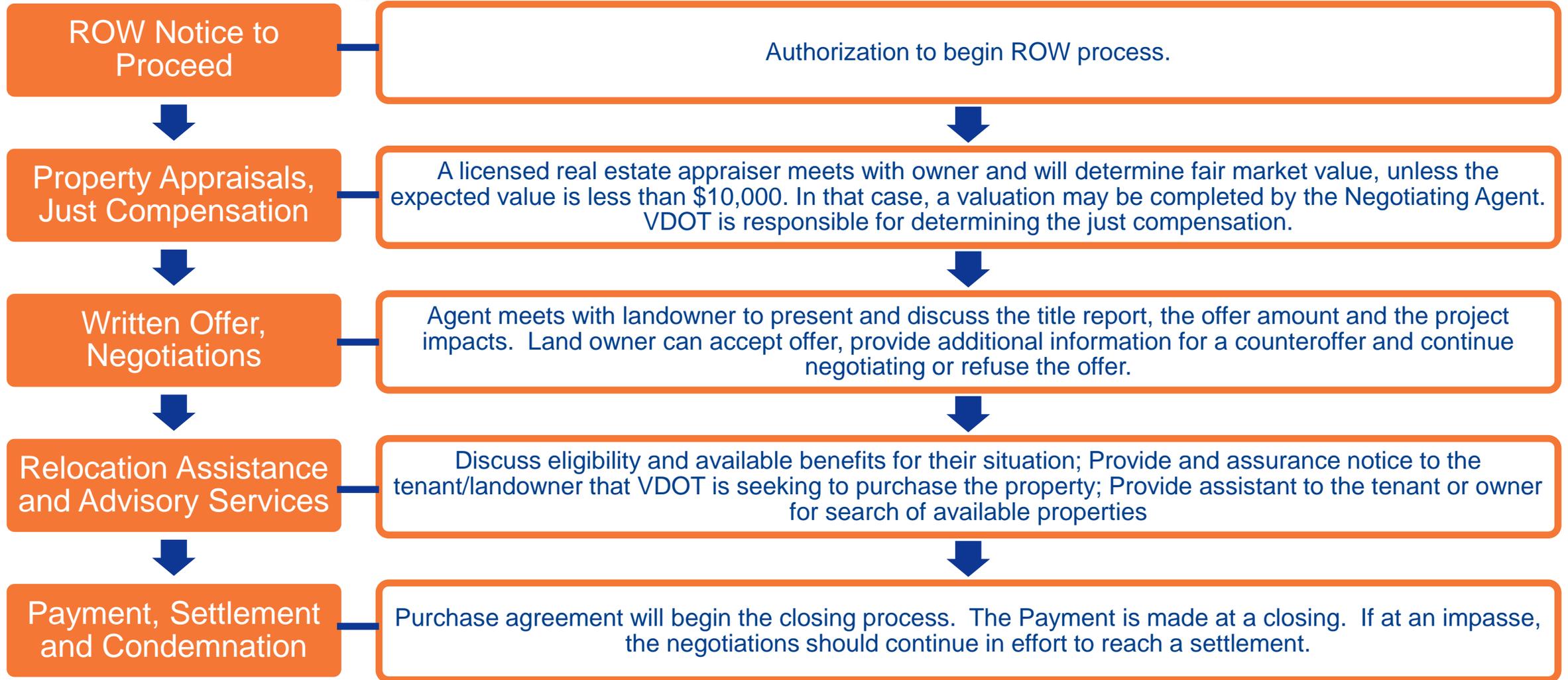


# Right-of-Way (ROW) Acquisition and Relocations

- ***Proposed partial or full property acquisitions on 199 parcels***
- **These impacts may change as final design is developed; utility easements are not shown at this time**
- ***Each property acquisition is unique and is discussed on a case-by-case basis after ROW Notice To Proceed***
- ***Relocation assistance for occupants in impacted buildings will be provided per Federal regulations by ROW relocation agents after initiation of negotiations***
- **Potential impacts to:**
  - **52 businesses**
  - **49 residential units**
  - **2 non-profits**



# Right of Way Process Overview



A Guide for Property Owners and Tenants

[http://www.virginiadot.org/business/resources/Right\\_of\\_way/A\\_Guide\\_for\\_Property\\_Owners\\_and\\_Tenants.pdf](http://www.virginiadot.org/business/resources/Right_of_way/A_Guide_for_Property_Owners_and_Tenants.pdf)



# Project Estimate and Funding

<b>Cost Estimate*</b> (\$ in Millions)	<b>Programmed Funding</b>	<b>Proposed Sources</b>	<b>Funding Sources**</b>
<b>PE</b> \$ 16	\$ 1.0		NVTA 70% (FY15/16)
<b>ROW/UT</b> \$ 160	\$ 36.1		RSTP (Federal)
<b>CN</b> \$ 196	\$ 10.0		Revenue Sharing
<b>Total</b> \$ 372	\$ 3.7		Local Funds (C&I)
	\$ 127.0		NVTA 70% (FY18/23)
<b>Estimate reduced from \$390 to \$372 by:</b>		\$ 194.2	SMART SCALE (Application 8/18) and/or Additional Sources: NVTA 70%, RSTP, Federal Grants (INFRA submitted 3/19), Developer Contrib., Local, and Other
<ul style="list-style-type: none"> <li>• Combined sidewalk and bike facilities on bridges</li> <li>• Adjusted plans at pinch points to reduce ROW</li> </ul>			
	<b>\$ 177.8</b>	<b>\$ 194.2</b>	<b>\$ 372</b>

\*Cost estimates subject to refinement as project develops.

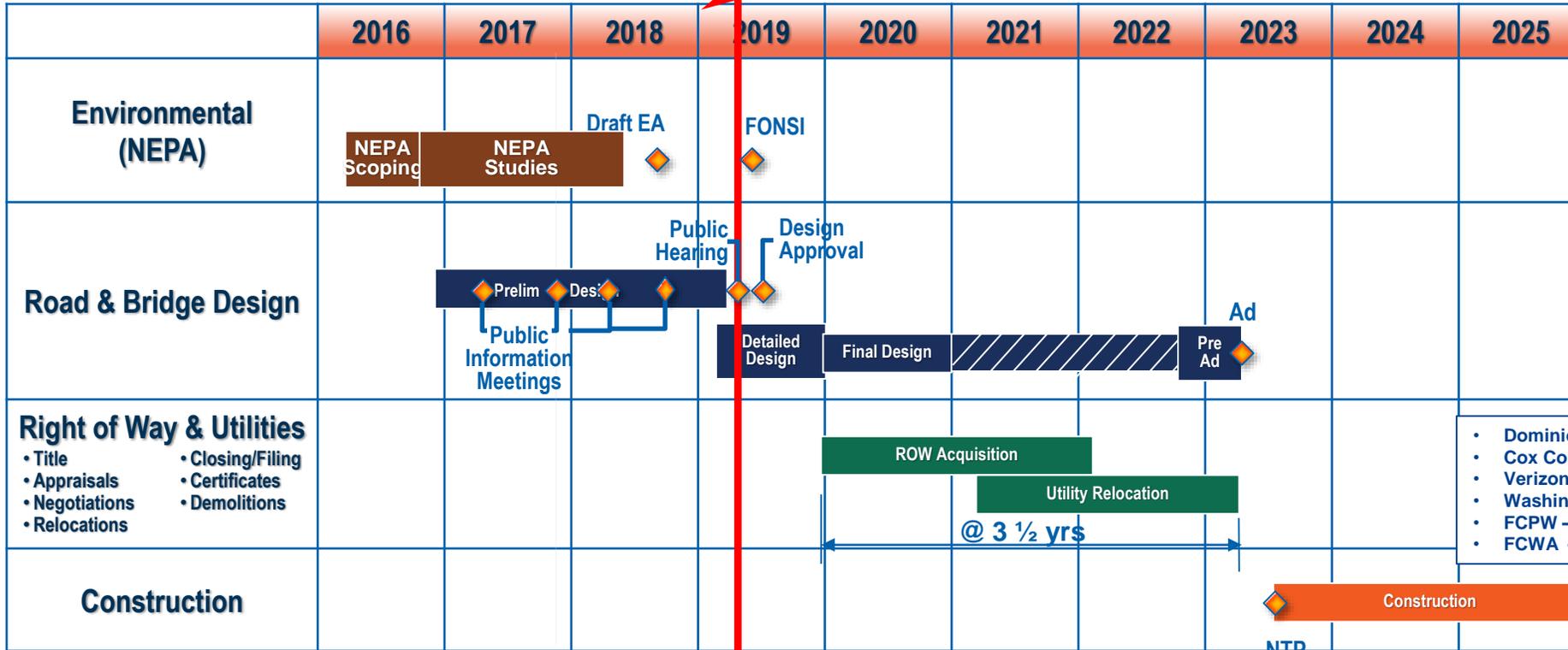
\*\*Project is jointly funded with \$128 million from the Northern Virginia Transportation Authority (NVTA).



# Schedule

**We are here -  
March 26, 2019**

## Calendar Schedule



Milestone Activities	Dates
Design Public Hearing	March 26, 2019
Approve Design	Spring 2019
Begin Right of Way Acquisition	Winter 2019/20
Begin Utility Relocation	Winter 2020/21
Begin Construction	Summer 2023
Project Open to Traffic	2026

- Dominion Virginia Power - Electric
- Cox Communications – Cable TV
- Verizon – Telephone & Fiber
- Washington Gas - Gas
- FCPW – Sanitary Sewer
- FCWA – Water Lines

= Milestones

# Next Steps

## DESIGN PHASE

- ➔ **Public Comments due April 26, 2019**
- ➔ **VDOT Chief Engineer Approval – Spring 2019**
  - ⇒ Design elements are approved for detailed design

## INITIATE RIGHT-OF-WAY AND UTILITY RELOCATION

- ➔ **Begin Right-of-Way Acquisition – Winter 2019/20**
  - ⇒ Staged process, not all property owners will be contacted immediately
- ➔ **Begin Utility Relocations – Winter 2020/21**
  - ⇒ Will be staged as right-of-way and utility design becomes available

## CONSTRUCTION PHASE

- ➔ **Advertise for Construction Contract – Winter 2022/23**
- ➔ **Begin Construction – Summer 2023**
- ➔ **Open to Traffic - 2026**

# Questions?

