

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. 22, 2018**.

Mail comments to Ms. Hong "Jenny" Ha, P.E. at the address below or email **meetingcomments@vdot.virginia.gov**. Please include "Route 29 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: Hong "Jenny" Ha, P.E. hong.ha@vdot.virginia.gov	Location & Design	4975 Alliance Drive Fairfax, VA 22030	703-259-2907
Andrew Beacher, P.E. andrew.beacher@vdot.virginia.gov	Preliminary Engineering	4975 Alliance Drive Fairfax, VA 22030	703-259-2239
Brian Costello brian.costello@vdot.virginia.gov	Right of Way & Utilities	4975 Alliance Drive Fairfax, VA 22030	703-259-2986
Jennifer McCord jennifer.mccord@vdot.virginia.gov	Communications	4975 Alliance Drive Fairfax, VA 22030	703-259-1779

TTY/TDD Dial 711



© 2018 Commonwealth of Virginia



Public Information Meeting

Route 29 Widening Fairfax County

Wednesday, Oct. 10, 2018
 6:30 p.m. to 8:30 p.m.
 Presentation starts at 7 p.m.

Colin L. Powell Elementary School
 13340 Leland Road
 Centreville, VA 20120

Public Information Meeting

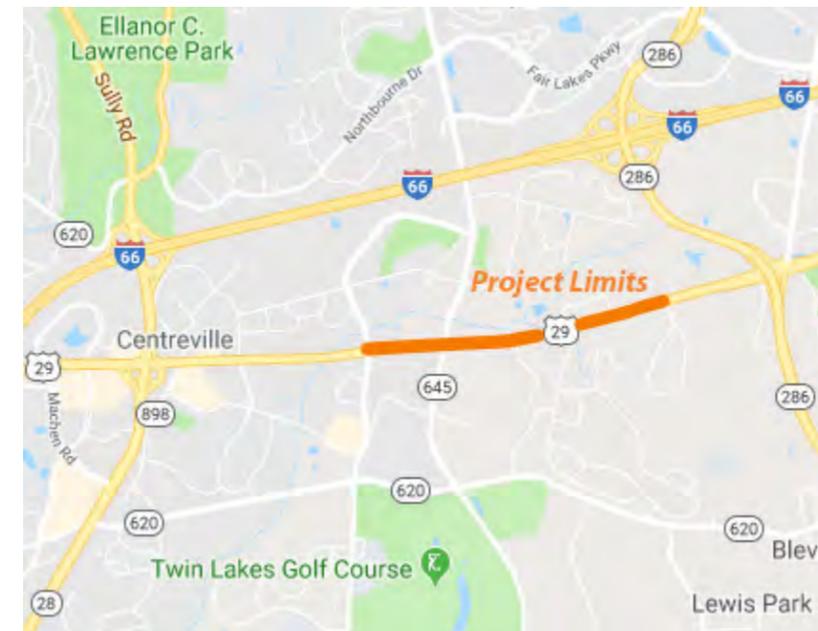
Welcome to the Virginia Department of Transportation's (VDOT) public information meeting on proposed improvements to Route 29 (Lee Highway). We look forward to your active participation.

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:

Reduce congestion, improve safety and operations

Project Length:

About 1.5 miles from Union Mill Road to Buckleys Gate Drive

Improvements:

Widen Route 29 from four to six through lanes, including shared-use paths along both sides of Route 29 to provide better bicyclist and pedestrian access to the trails at the Fairfax County Parkway/West Ox Road interchange

Project Description

This project will widen about 1.5 miles of Route 29 (Lee Highway) from four to six lanes between Union Mill Road and Buckleys Gate Drive. It will relieve a major bottleneck during AM and PM peak hours, with lengthy backups occurring in particular at the signal for Stringfellow/Clifton roads (Route 645).

This project aims to reduce congestion and improve safety, operations and access management. The project will also add and improve shared-use paths along both sides of Route 29 to provide better bicyclist and

pedestrian access to the trails at the Fairfax County Parkway/West Ox Road interchange. In addition to the roadway widening, there will also be improvements to crosswalks at major intersections and modified signals to accommodate these new facilities.

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

Lee Highway Widening

Union Mill Road to Willow Road



Willow Road to Cruz Drive



Cruz Drive to Gunpowder Road



Estimated Project Cost

Engineering Design: **\$5.7 million**

Right of Way Acquisition/Utility Relocation: **\$21.5 million**

Construction: **\$39.8 million**

Total Cost: **\$67 million**

The project is being financed with Smart Scale funding and the I-66 concession fee.

Anticipated Schedule

Public Information Meeting
Oct. 10, 2018

Comment Period Ends
Oct. 22, 2018

Public Hearing
Winter 2018/19

Begin Right of Way Acquisition
Summer/Fall 2019

Begin Construction
2021

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 Ms. Hong Ha at 703-259-2907 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.

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 has initiated 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 development. When approved by FHWA for public availability, the NEPA document will be available for review and comment at the public hearing.



www.VirginiaDOT.org

Public Information Meeting

Route 29 Widening Fairfax County

Wednesday, Oct. 10, 2018

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

Presentation starts at 7 p.m.

Colin L. Powell Elementary School
13340 Leland Road
Centreville, VA 20120

COMMENT SHEET

State: 0029-029-350, P101, R201, C501, D612, D613

UPC: 110329, Federal: NHPP-5A01 (917)

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 Route 29. If so, where? _____

_____ I live in a neighborhood adjacent to Route 29. _____

_____ I commute on Route 29.

_____ Other: _____

2. Do you have concerns or comments related to the Route 29 widening project?

Yes _____ No _____

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

4. How did you hear about this meeting?

_____ Newspaper _____ Social Media _____ Mailer _____ Other:

Please leave this comment sheet at the designated location, mail your comments (postmarked by Oct. 22, 2018) to the addressee on the reverse side, or email them to meetingcomments@vdot.virginia.gov. Please include "Route 29 Widening" in the email subject line.

Fold Line

Postal Service
will not
deliver without
a stamp

Virginia Department of Transportation
Northern Virginia District
Ms. Hong "Jenny" Ha, P.E.
4975 Alliance Drive
Fairfax, VA 22030

Fold Line





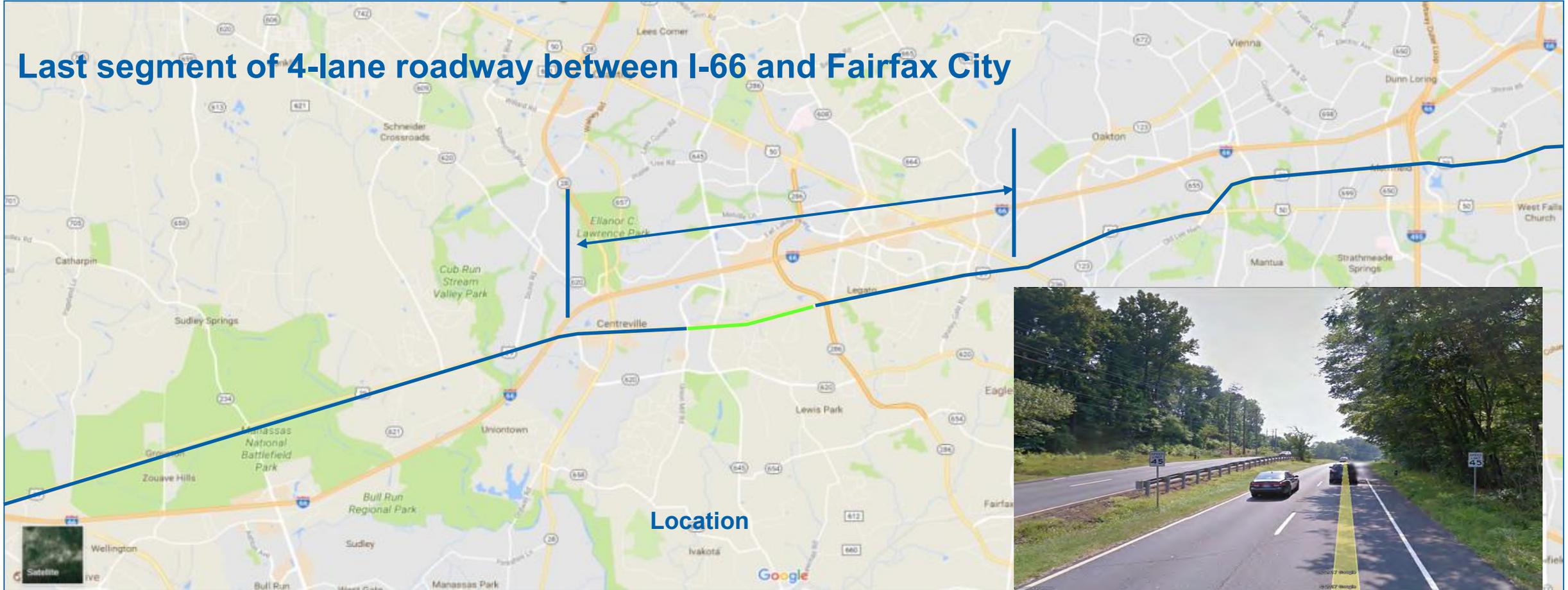
PUBLIC INFORMATION MEETING

Route 29 Widening
Union Mill Road to Buckleys Gate Drive

October 10, 2018
6:30 to 8:30 p.m.

New Design Widen Route 29 to 6 Lanes From Union Mill to Buckley's Gate Drive (1.49 Miles)

Last segment of 4-lane roadway between I-66 and Fairfax City



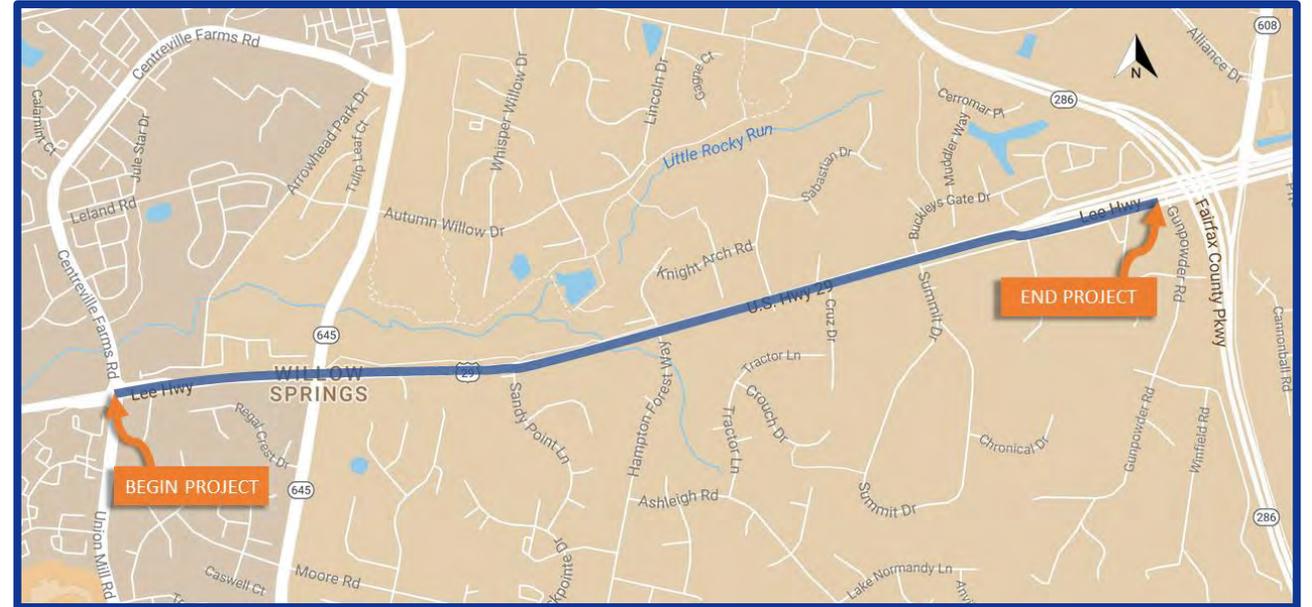
Location

Presentation Agenda

- **Introduction**
 - Nick Roper, P.E., VDOT NOVA District Project Development Engineer
- **Project Overview**
 - Andy Beacher, P.E., VDOT Preliminary Engineering, Project Sponsor
- **Conceptual Design**
 - John Giometti, P.E., Rinker Design Associates, Design Consultant
- **Noise Analysis**
 - LJ Muchenje, P.E., VDOT Environmental, Noise Abatement Coordinator
- **Project Schedule and Cost Summary**
 - Andy Beacher, P.E., VDOT Preliminary Engineering, Project Sponsor

Project Objectives

- **Improve capacity of the corridor**
- **Modify intersections**
- **Improve vertical alignment**
- **Improve pedestrian connectivity**
- **Improve safety at conflict points**
- **Improve drainage facilities**



Project Overview

Roadway Widening & Reconstruction

- Additional through lanes in each direction (three lanes in each direction)
- Continuous 10' wide Shared Use Paths on both sides of Route 29

Intersection Improvements

- Centreville Farms Road & Union Mill Road
- Clifton Road & Stringfellow Road
- Meadow Estates Drive & Hampton Forest Way
- Buckleys Gate and Summit Drive

Proposed Shared Use Paths

- Both sides of Route 29

Access Management Strategies

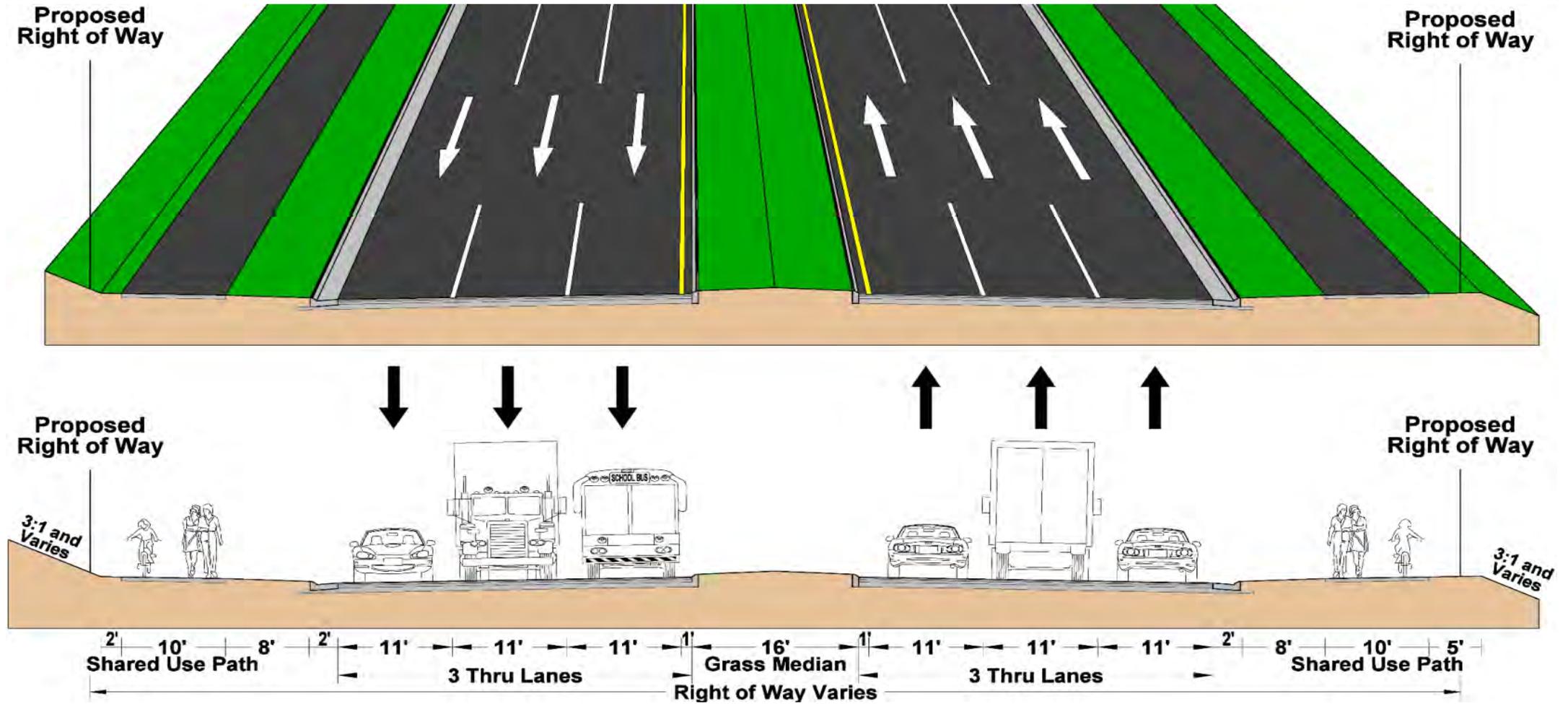
- Consolidated entrances
- Service Roads

Drainage Improvements

- Culvert replacement at Willow Spring Branch



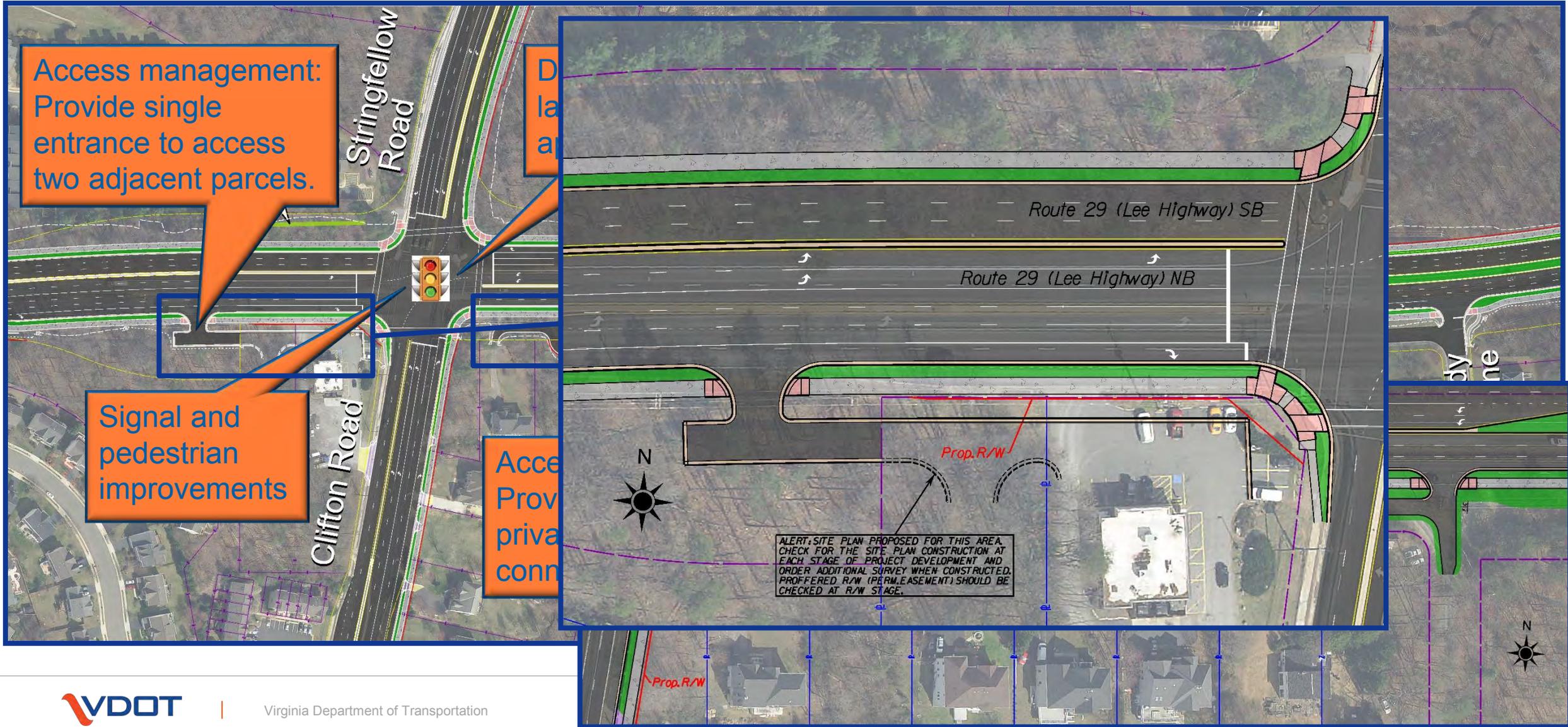
Typical Section



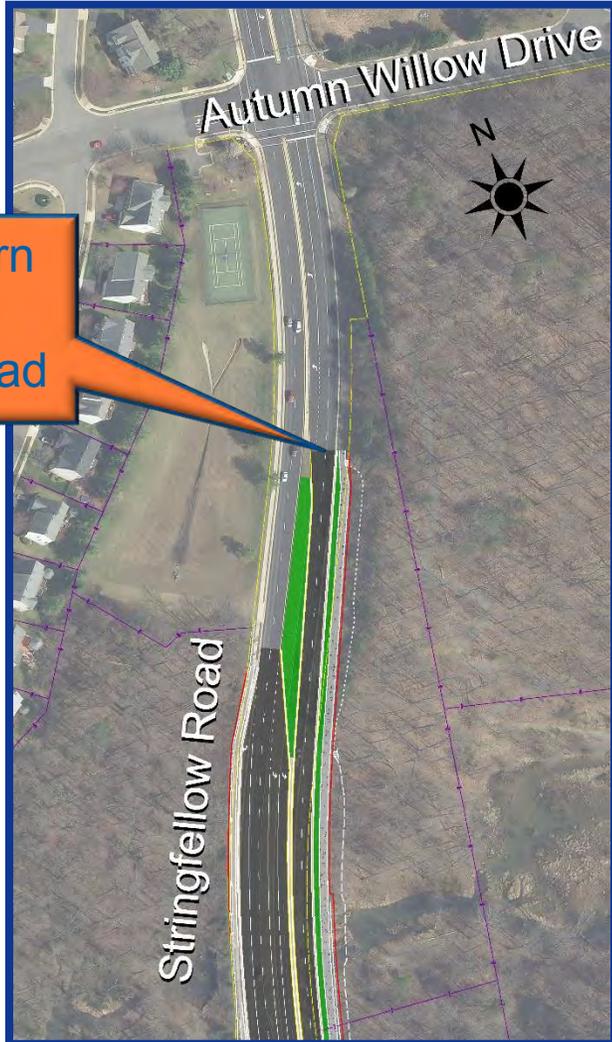
Project Overview



Project Overview (Continued)



Project Overview (Continued)

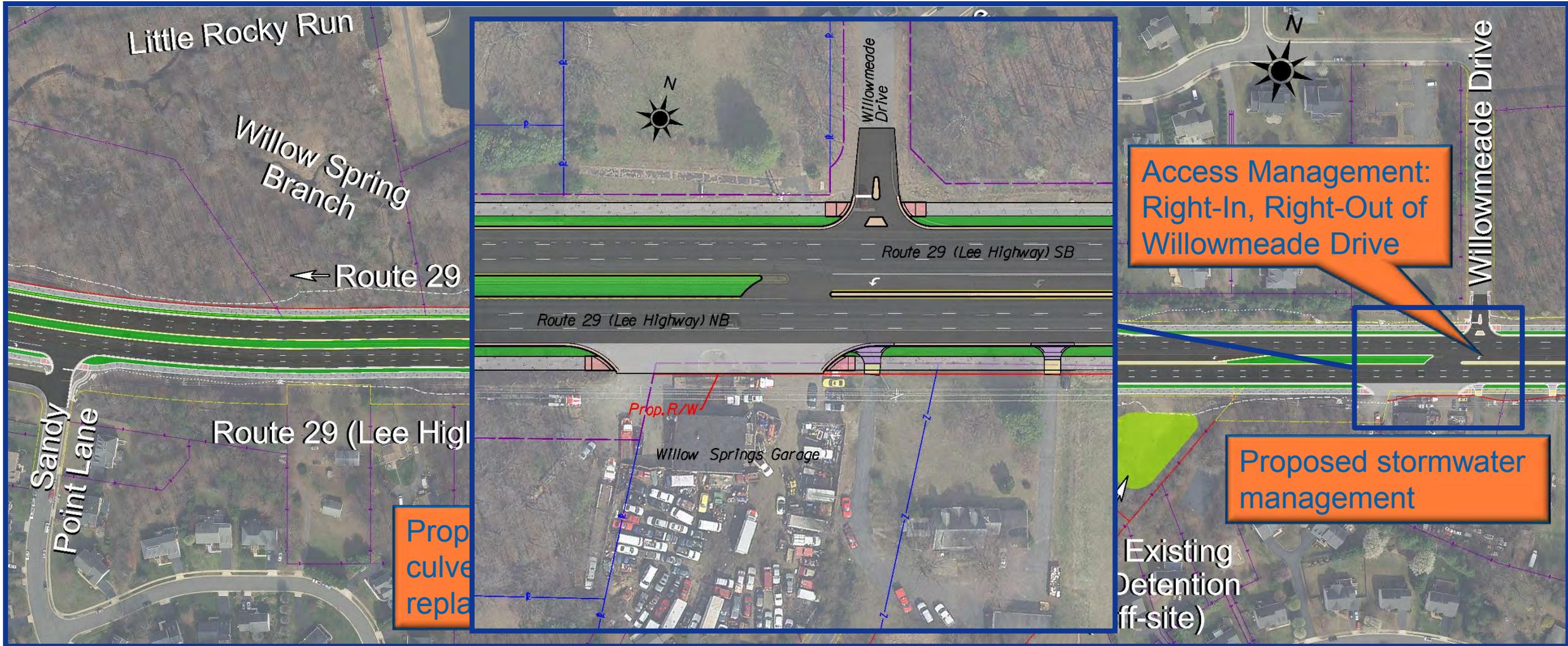


End dual left turn widening on Stringfellow Road

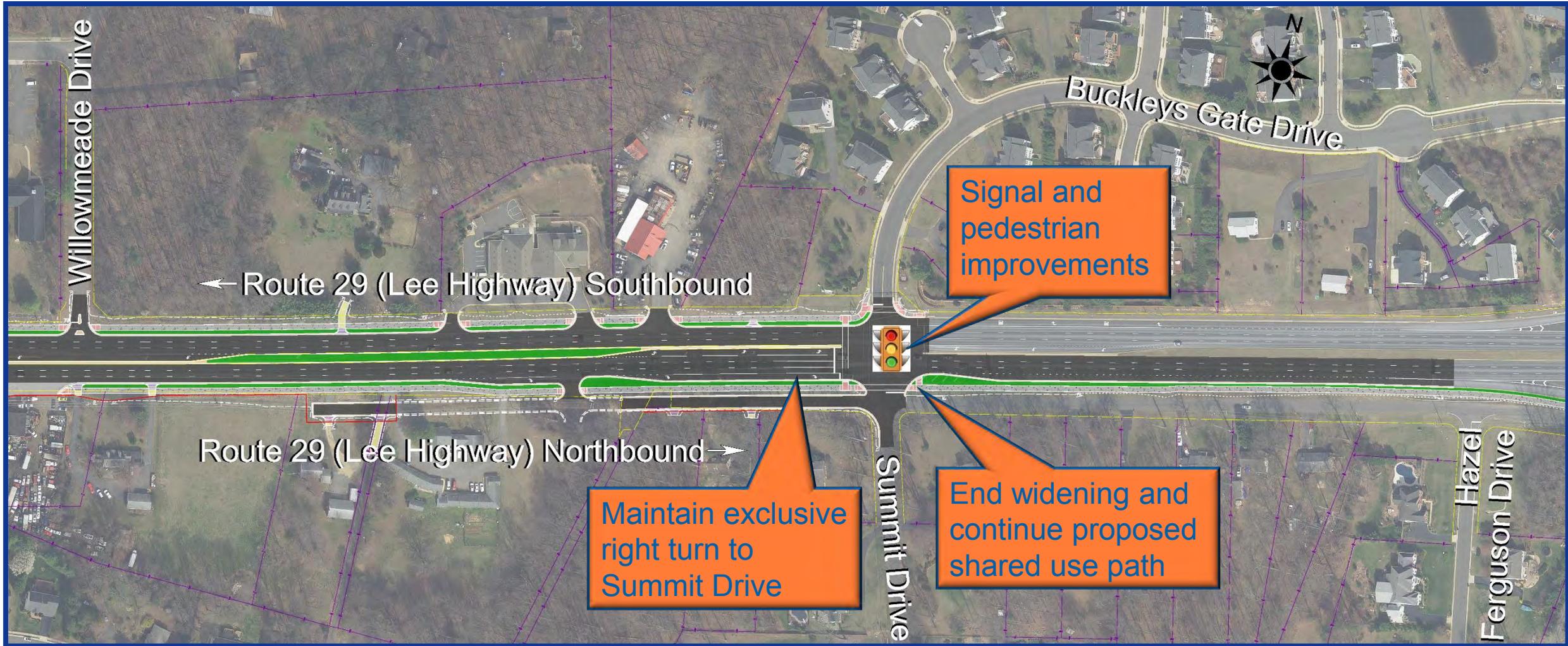


End dual left turn widening on Clifton Road

Project Overview (Continued)



Project Overview (Continued)



Project Overview (Continued)



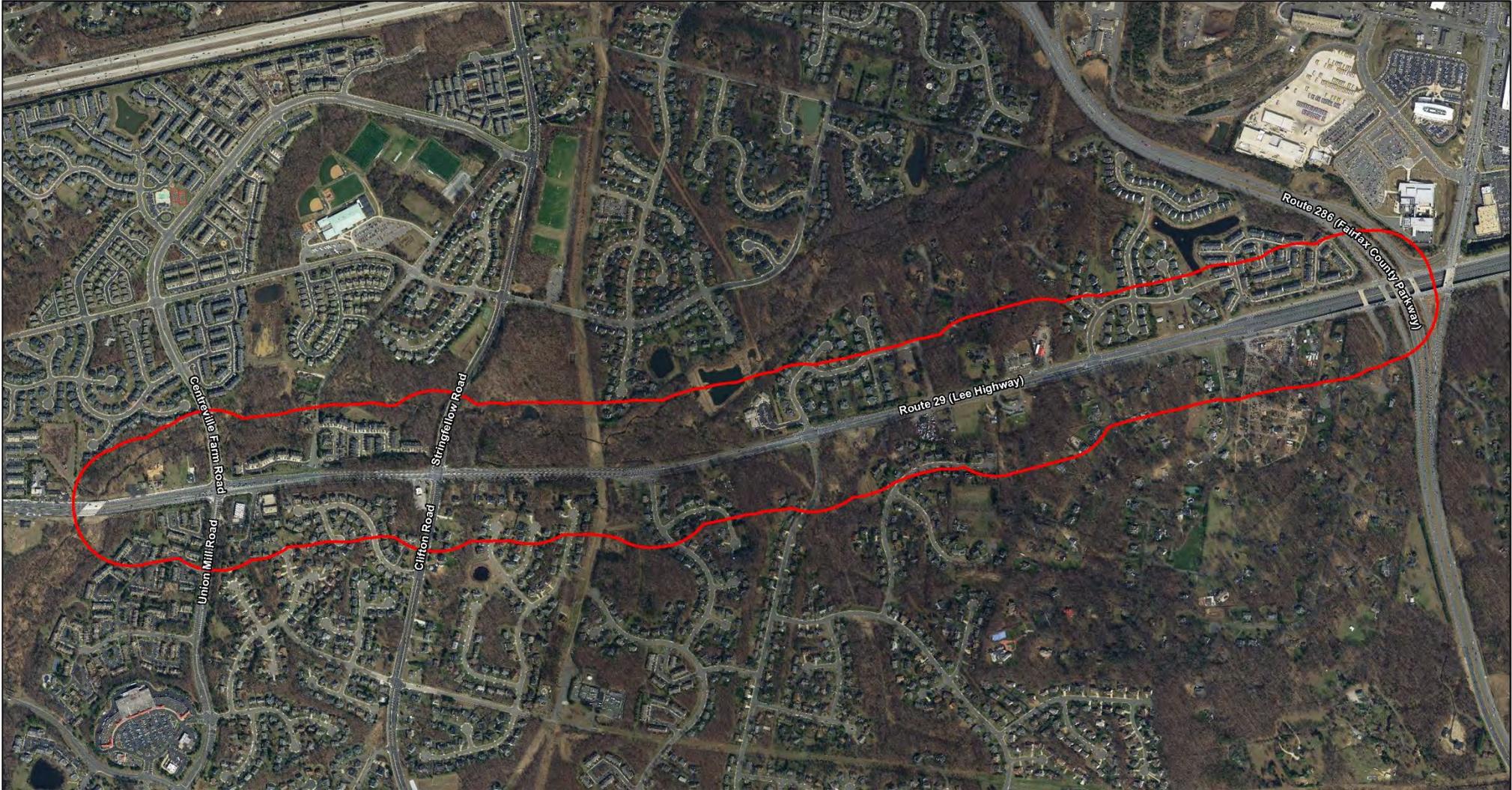
National Environmental Policy Act (NEPA) & Noise Analysis

As part of the environmental analysis the NEPA document, VDOT will conduct a preliminary noise impact assessment which will include:

- Identifying noise receptors (such as residences, schools, parks, etc.)
- Conducting noise monitoring in the field
- Conducting noise modeling
- Identifying anticipated impacts
- Designing and assessing mitigation under feasible & reasonable criteria
- Preparing and presenting noise study results and preliminary noise wall locations (if necessary) for further analysis during final design phase



National Environmental Policy Act (NEPA) & Noise Analysis



Noise Barriers

Feasibility Criteria

- **Does it work acoustically?**

- At least 50% or more of the impacted receptors experience 5 dB(A) or more of noise reduction from a noise barrier;

AND

- **Can it be constructed?**

- Factors related to engineering design and construction include; safety, barrier height, topography, drainage, utilities, and maintenance of the abatement measure, maintenance access to adjacent properties, and general access to adjacent properties.

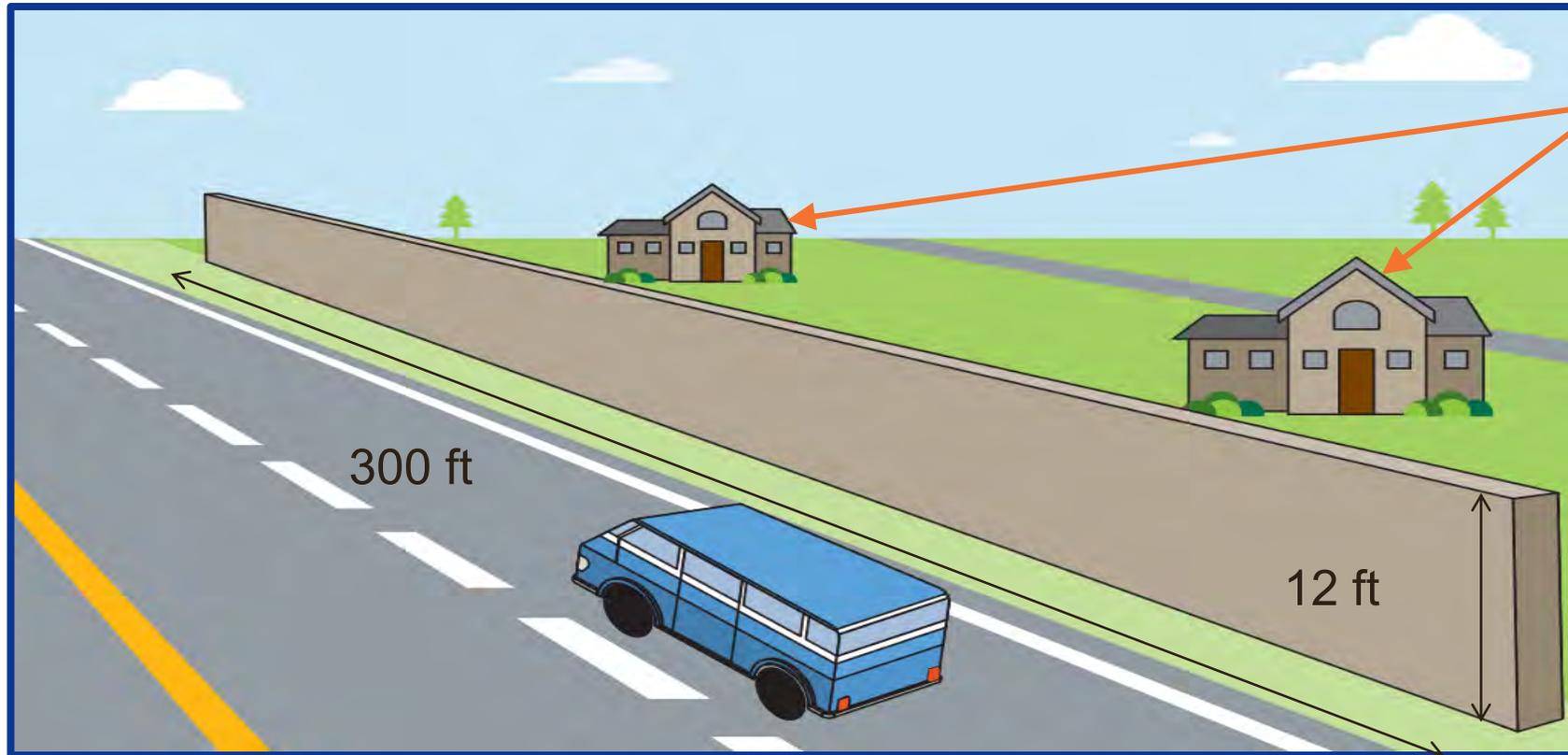
Noise Barriers

Reasonable Criteria

- **Cost-effectiveness:**
 - Maximum 1,600 square feet of noise barrier or less per benefited residence
- **Design goal**
 - 7 decibels of noise reduction for at least 1 impacted receptor
- **Viewpoints of the benefited receptors**
 - Democratic vote of the benefited receptors
 - 50% of the benefited respondents must favor construction
 - Partial mitigation may occur as a result of the vote



Noise Barriers – Not Reasonable

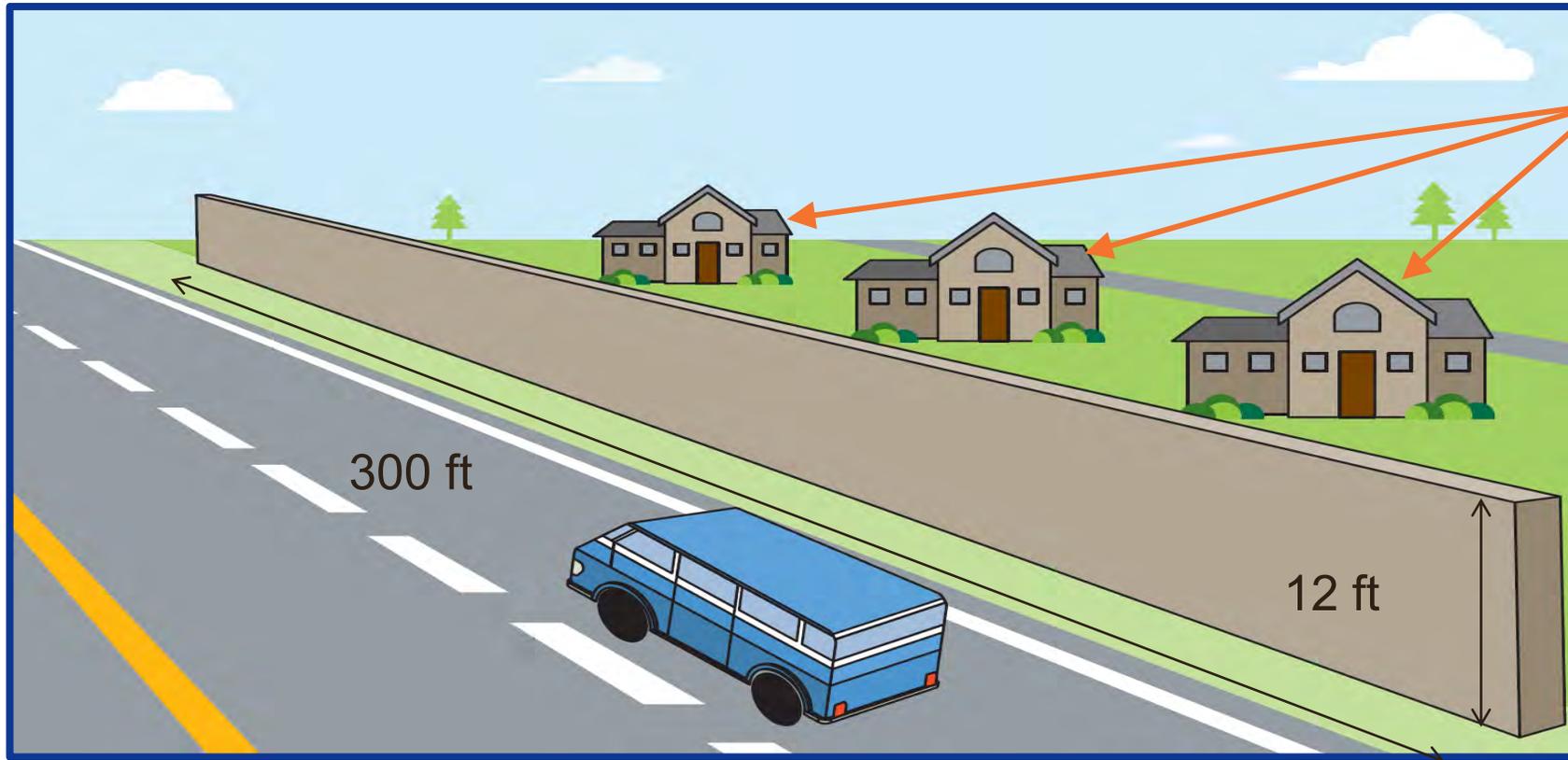


Benefitted Receptors (BR)

$$\text{Reasonableness} = \frac{300 \times 12}{2} = \frac{3,600}{2} = 1,800 \text{ SF/BR} > 1,600 \text{ SF/BR}$$

- Therefore, does not meet reasonableness cost-effective criteria

Noise Barriers - Reasonable



Benefitted Receptors (BR)

$$\text{Reasonableness} = \frac{300 \times 12}{3} = \frac{3,600}{3} = 1,200 \text{ SF/BR} < 1,600 \text{ SF/BR}$$

- Therefore, meets reasonableness cost-effective criteria

Anticipated Project Schedule

Milestones	Dates
Preliminary Plans Developed	August 2018
Public Information Meeting	October 10, 2018
Comment Period End	October 22, 2018
HOA Meetings	Fall 2018
Public Hearing	Winter 2018/2019
Design Approval	Summer 2019
Estimated Project Advertisement	Summer 2021

Estimated Project Cost and Funding

Project Cost	
Preliminary Engineering	\$ 5.7 million
Right of Way/Utility Relocation	\$ 21.5 million
Construction	\$ 39.8 million
Total	\$ 67 million

Project Funding	
Smart Scale	\$ 53.8 million
I-66 Concessionaire	\$ 13.2 million
Total	\$ 67 million

Questions?

- Staff will be available to answer questions at the display boards following a brief question and answer period.
- Contact information:

Hong Ha, P.E.	Andy Beacher, P.E.
Project Manager, VDOT Location & Design	Project Sponsor, VDOT Preliminary Engineering
4975 Alliance Drive, Fairfax, VA 2203	4975 Alliance Drive, Fairfax, VA 2203
Email: Hong.Ha@vdot.virginia.gov	Email: Andrew.Beacher@vdot.virginia.gov
Phone: 703-259-2907	Phone: 703-259-2239

- Email comments to:
 - Meetingcomments@vdot.virginia.gov
 - Please include “Route 29 Lee Highway Widening” in subject line
 - Comment period ends: October 22, 2018
- Project information for this meeting is available online at:
 - <http://www.virginiadot.org/projects>
 - VDOT’s Northern Virginia Office

