

# Tysons-Old Meadow Road Bike/Ped Improvements

## *Design Workshop #2*

Thursday, November 28, 2017, 7:00 pm to 9:00 pm

Westgate Elementary School, Falls Church, VA



**Fairfax County**

Kimley»Horn

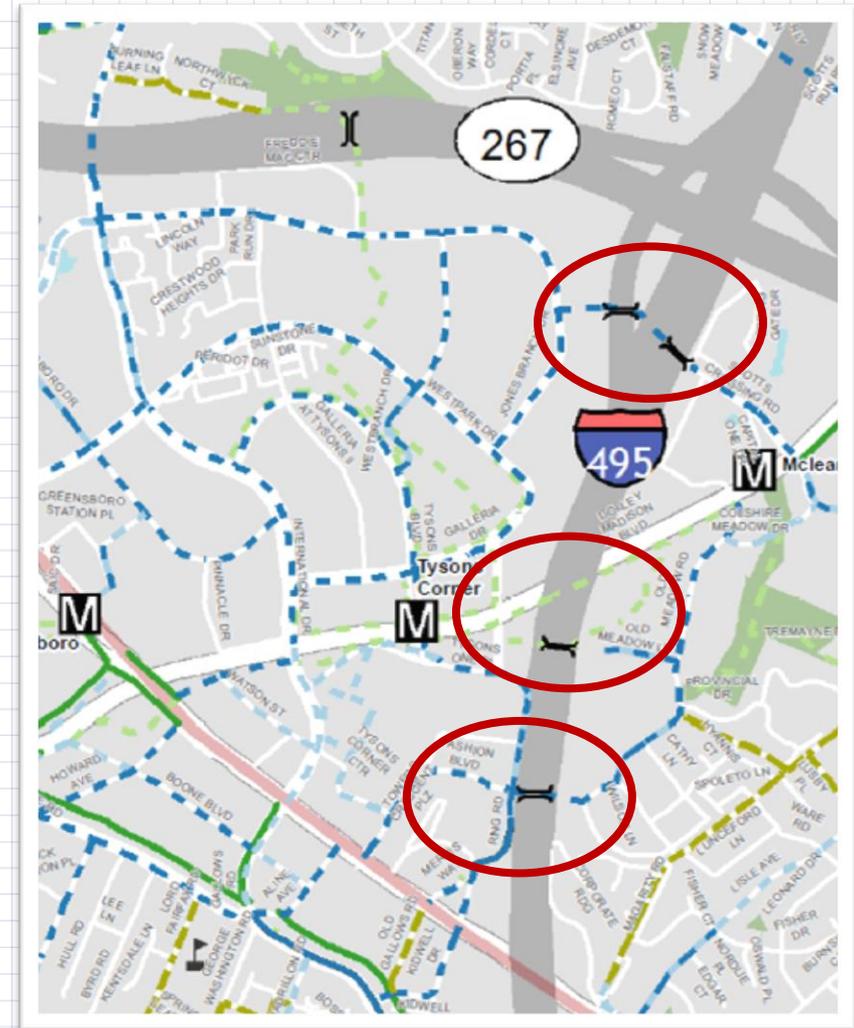
# Agenda

- Open house 7:00 pm – 7:15 pm
- Presentation 7:15 pm – 7:35 pm
  - Project overview
  - Current design efforts
  - Design Workshop #1 results
  - Design Workshop #2 objectives
- Workshop at tables 7:35 pm – 8:05 pm
- Report-out 8:05 pm – 8:30 pm
- Open house 8:30 pm – 9:00 pm

# Project Overview

# Project Need and Objective

- Need for enhanced bicycle and pedestrian connectivity in Tysons
  - Connections to either side of Capital Beltway/I-495
  - Fairfax County Comprehensive Plan and Countywide Bicycle Master Plan includes multiple crossings of I-495
- Objective of this project:  
Design and construct one of the bike/ped projects connecting each side of I-495



# HOT Lanes Project Public Hearing 2014

## Concept Design



# VDOT Planning 2015-2016 – Options A through G

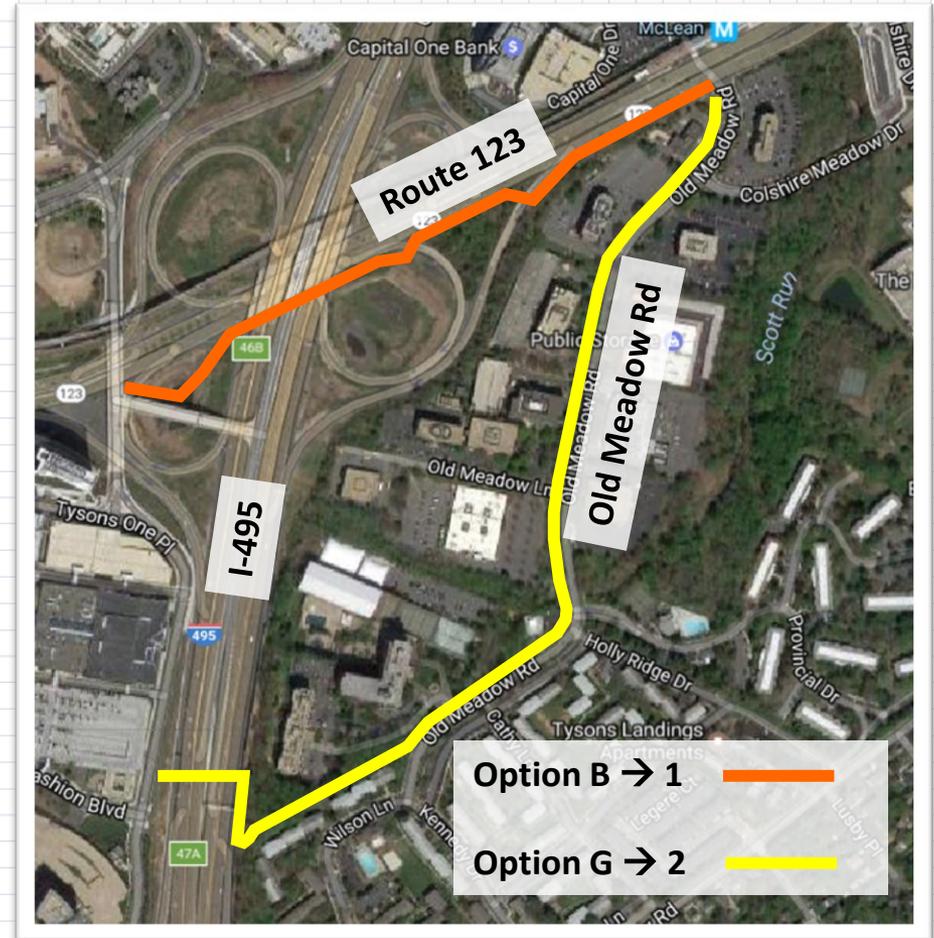
## Route 123 Bicycle and Pedestrian Access



# VDOT Planning 2017 – Build Options

## Route 123 Bicycle and Pedestrian Access

- Options B and G emerged as feasible
- Community meetings, January - March 2017
- PIM, May 2017
- Completed study to select Preferred Option
  - Option B → Option 1
  - Option G → Option 2



# Option 2 – Shared-use Path along Old Meadow Road Route 123 to Tysons One Place – PREFERRED ALTERNATIVE



# Schedule

- ✓ Concept Planning/PE Report Oct 2016 – July 2017
- Preliminary Design Phase Oct 2017 – Dec 2017
- Design Public Hearing Jan – Mar 2018
- Design Approval Apr – Jun 2018
- NEPA Reevaluation Apr 2017 – Jul 2018
- Detailed Design Phase Jun – Dec 2018
- Final Design Phase March – Oct 2019
- Right-of-Way Acquisition May – Oct 2019
- Utility Relocations Nov 2019 – Apr 2020
- Construction Phase Apr – Nov 2020

# Current Design Efforts

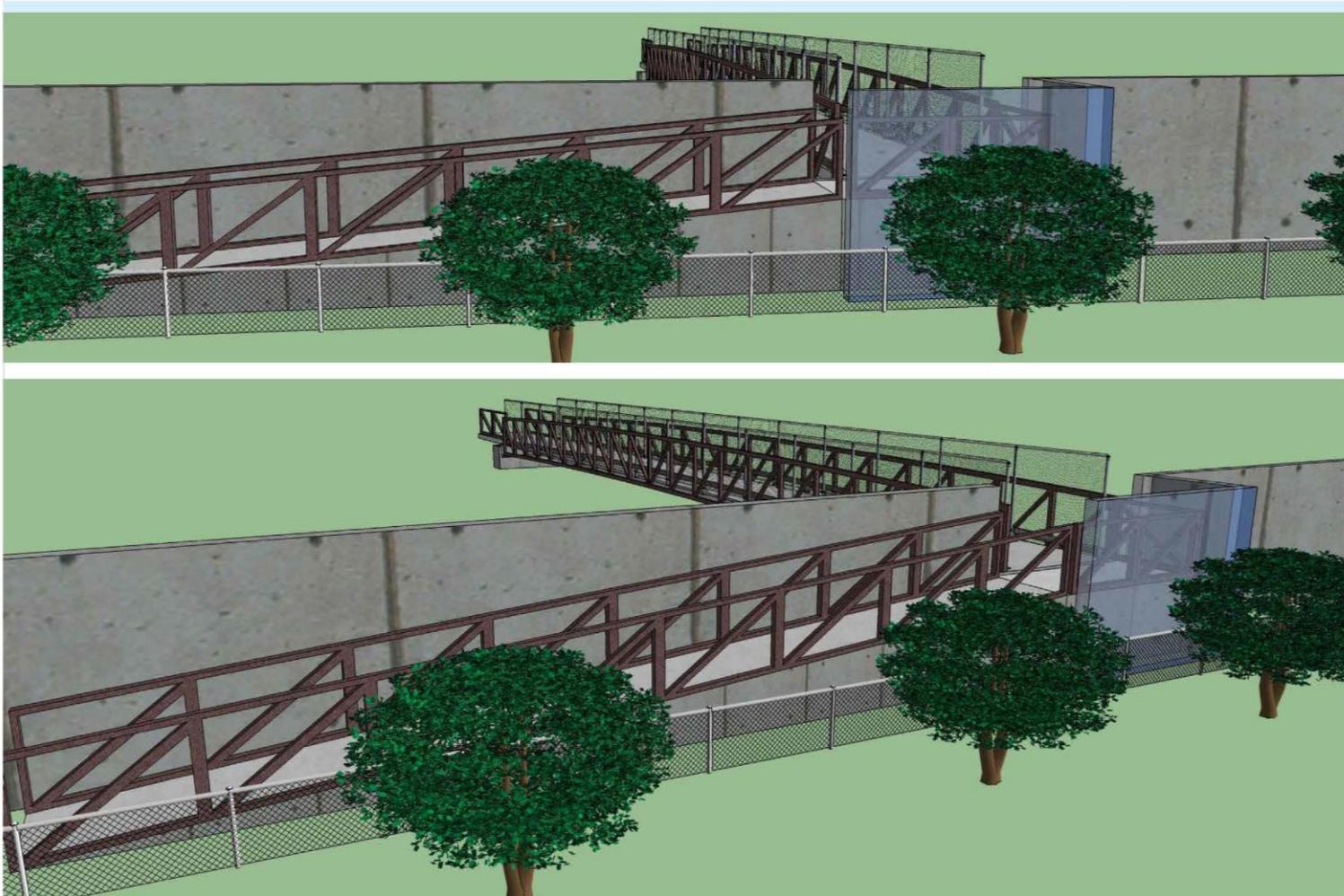
- Bridge over I-495
- Noise analysis
- Shared use path

# Bridge over I-495



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# Bridge over I-495 / Noise Analysis



# Public Workshop #1 Summary

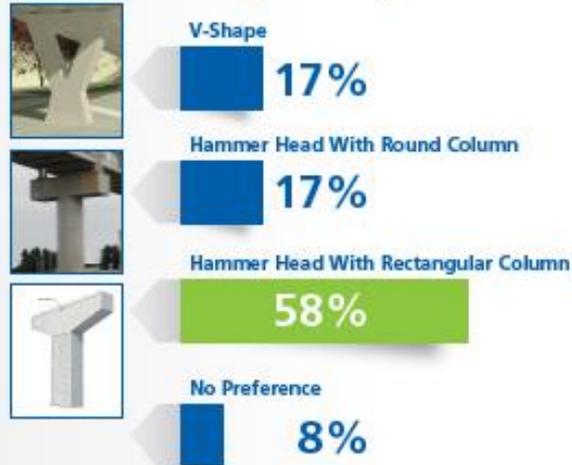
- **36 ballots received**
- **16 comment forms**
- **Design notes summary:**
  1. **Design bridge to be similar in look to Tysons**
  2. **Sound wall at top of ramp – find balance between safety, security, and privacy**
  3. **Consider lighting temperature**
  4. **Minimize tree impacts**
  5. **Show details of how SUP will fit along Old Meadow Road**
  6. **Figure out how to handle snow removal**
  7. **Consider long-term maintenance of trail**

# Public Workshop #1 Results

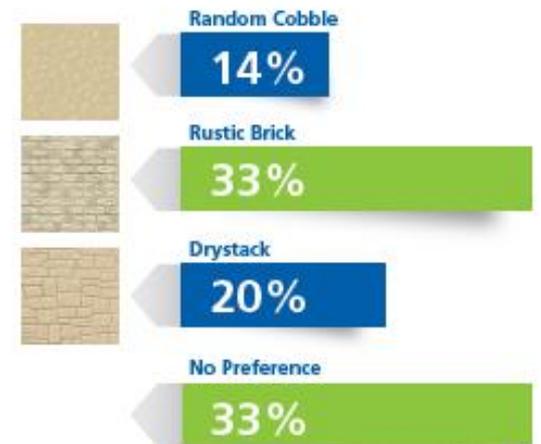
## Bridge Type Options



## Bridge Pier Options



## Stamped Texture Choices



# Public Workshop #1 Results

## Fencing Options



Standard Chain Link  
3%



1 Inch Chain Link  
58%



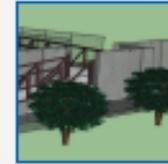
Transparent  
17%



Wire  
19%

No Preference  
3%

## Soundwall Opacity Options



Solid  
25%

Translucent  
31%



Transparent  
44%

# Public Workshop #1 Results

## Lighting Options on Bridge



Handrail

64%



Carlyle

8%



Tysons Standard

28%

## Lighting for Shared Use Path



Bollard

75%



Tysons Standard

25%

## Old Meadow Road Lighting Options



Tysons Standard (Arc Mini)

66%



Tysons Standard (Flex)

9%



Carlyle

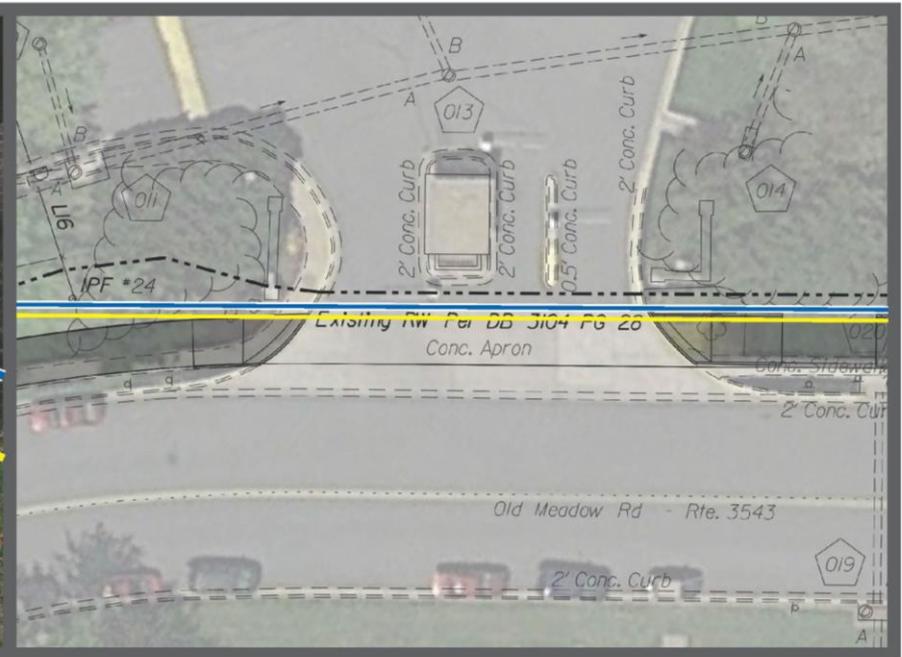
25%

# Shared Use Path (SUP)



# Shared Use Path (SUP) – Crossing of Encore/Regency Driveway

Detail of Encore Security Gate with proposed SUP



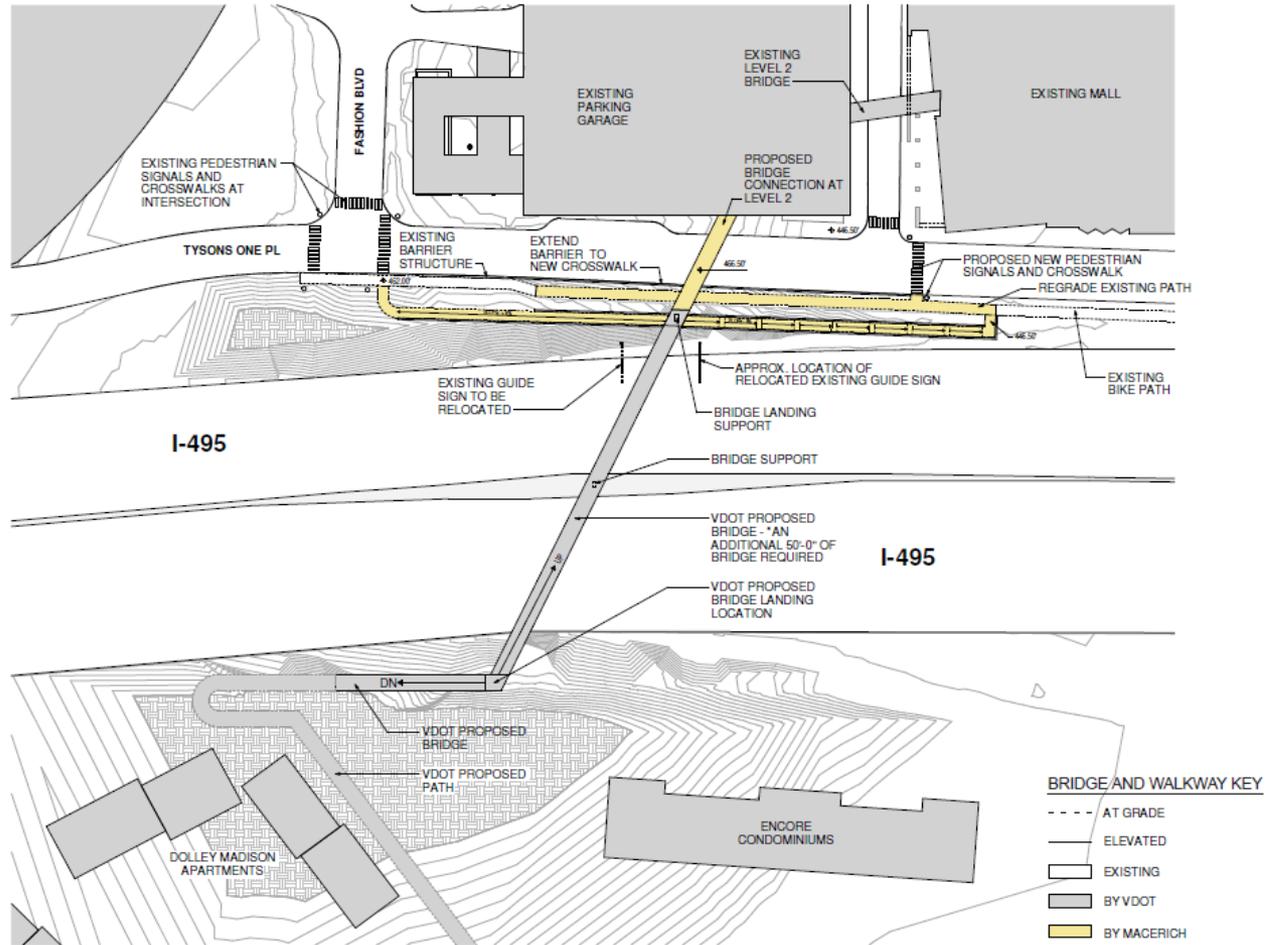
# Shared Use Path (SUP) - Alignments

- West side decided during previous public processes
- Comparison of east vs. west sides:

	<u>West Side (Pref.)</u>	<u>East Side</u>
No. of street crossings	0	3
No. of driveway crossings	13	13
No. of large oaks to be removed	3	16
Length of trail	3,150 ft	3,600 ft

- Concerns with east side alignment:
  - Informal mid-block crossing of Old Meadow Road (at location of SUP behind apartments)
  - Numerous crossings of side streets

# Bridge Over I-495 – Alternate Alignment at Tysons Corner Center



28 NOVEMBER 2017

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# Bridge Type and Roof Options

## 1 Bridge Type Options

Tysons-Style Truss



Wolf Trap-Style Truss



## 2 Bridge Roof Options

No Roof



Roof\*



\*requires special approval

# Soundwall Options

## 3 Soundwall Options



Example of clear soundwall



Example of soundwall with color

Clear



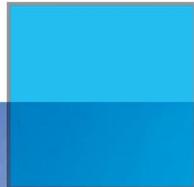
Midnight Blue



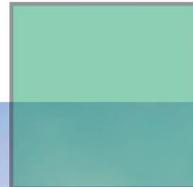
Steel Blue



Sky Blue



Forest Green



Sea Green



Spring Green



Smoky Brown



# Workshop at Tables

- Choose a “spokesperson”
- Discuss details of project design
- Additional discussion on design options:
  1. Bridge truss type
  2. Bridge roof
  3. Sound wall
  4. Design along Old Meadow Road
  5. Tree Impacts
  6. Other design elements
- Complete your ballot
- Report out – summarize discussion at tables

VDOT Project Manager: Abraham (Abi) Lerner, [abraham.lerner@vdot.virginia.gov](mailto:abraham.lerner@vdot.virginia.gov)

Project Web Page: [http://www.virginiadot.org/projects/northernvirginia/bike-ped\\_improvements.asp](http://www.virginiadot.org/projects/northernvirginia/bike-ped_improvements.asp)

# Report Out

- Summarize discussion at tables
- Provide general comments on design
- Discuss choices made, pros/cons
- Offer other things for the design team to consider...  
are we missing anything?

# Next Steps

- **Noise abatement analysis – November/December 2017**
- **Preliminary design – December 2017**
- **Design Public Hearing – Spring 2018**

# More information

**VDOT Project Manager:**

**Abraham (Abi) Lerner**

**[abraham.lerner@vdot.virginia.gov](mailto:abraham.lerner@vdot.virginia.gov)**

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## THANK YOU !!

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