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

Virginia Department of Transportation

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

Legend
- Path

Path passes under Westpark Drive
Path crosses ramp at grade
Path passes under Beltway
Path crosses ramp at grade
Path crosses ramp at grade
VDOT Planning 2015-2016 – Options A through G
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

- Bike/ped bridge over I-495
- Path behind Dolley Madison Apartments
- Screening by sound wall and mature trees
- Old Meadow Road path connection
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
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**
- Tysons Style Truss: 53%
- Wolf Trap Style Truss: 47%
- W&OD Girder: 0%
- I-395 Girder: 0%

**Bridge Pier Options**
- V-Shape: 17%
- Hammer Head with Round Column: 17%
- Hammer Head with Rectangular Column: 58%
- No Preference: 8%

**Stamped Texture Choices**
- Random Cobble: 14%
- Rustic Brick: 33%
- Drystack: 20%
- No Preference: 33%
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 Min): 66%
- Tysons Standard (Flex): 9%
- Carlyle: 25%
Shared Use Path (SUP)
Shared Use Path (SUP) - Alignments

- West side decided during previous public processes

- Comparison of east vs. west sides:

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

- 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 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

<table>
<thead>
<tr>
<th>Clear</th>
<th>Midnight Blue</th>
<th>Steel Blue</th>
<th>Sky Blue</th>
<th>Forest Green</th>
<th>Sea Green</th>
<th>Spring Green</th>
<th>Smoky Brown</th>
</tr>
</thead>
</table>

- Example of clear soundwall
- Example of soundwall with color
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
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:
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Project Web Page:
http://www.virginiadot.org/projects/northernvirginia/bike-ped_improvements.asp
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THANK YOU !!

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