Bicycle/Pedestrian Trail
Vicinity of Route 123 & I-495
Tysons

Public Information Meeting
Westgate Elementary School, 7500 Magarity Road, Falls Church, VA
Wednesday, May 17, 2017

VDOT Virginia Department of Transportation

Fairfax County
Agenda

- Project overview
- Previous efforts
- Previously considered options
- Current options
- Evaluation and preferred option
- Schedule
- Next steps
Project Overview

- 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: Identify a preferred approach for the first of the bike/ped projects connecting each side of I-495
Previous Efforts
Path crosses ramp at grade
Path passes under Westpark Drive
Path passes under Beltway
Path crosses ramp at grade
Legend
Path
Summary of HOT Lanes Project
2014 Public Hearing

- Two Options shown for off-street facility
  - Wide right lane in both directions on Route 123 (on-street)
  - At-grade (not elevated) crossings at I-495 Ramps

- Public comments:
  - Safety concerns about at-grade ramp crossings
  - Safety concerns about wide right lane on Route 123
  - Requests for grade separations and/or flashing signage
  - Requests for full trail connections to the Tysons Corner Center development and Metrorail station
Financial Considerations

Available Project Budget

- Approximately $7.6 million allocated for:
  - Preliminary Engineering
  - Right-of-way
  - Construction
  - Construction Oversight
  - Contingencies

- Potential additional funding through development proffers
Objectives

- Understand priorities, concerns, and constraints
- Develop initial options
- Refine, evaluate, and cost options
- Present and receive input on refined options
- Document findings
Comments

- Grade separation at ramp crossings
- Direct connections to:
  - Tysons Corner Center
  - Existing neighborhoods to south of Route 123
  - Proposed development in Tysons East
- Strong support for multiple multimodal bridge connections over I-495 in the area
- Support for short bridge type connection south of Route 123
VDOT Planning 2015-2016 – Options A through G
Route 123 Bicycle and Pedestrian Access

Option A

Option B

Option C

Option D

Option E

Option F

Option G

Bicycle/Pedestrian Facility
Vicinity of Route 123 & I-495 – Tysons
Options B and G emerged as feasible

Completing study to select Preferred Option

- Option B → Option 1
- Option G → Option 2
Option 1 – Shared-use Path along Route 123
Old Meadow Road to Westpark Drive

Bike/ped bridge to Westpark Drive
Crosswalk across ramp to I-495
Option 2 – Shared-use Path along Old Meadow Road
Route 123 to Tysons One Place

Screening by sound wall and mature trees

Bike/ped bridge over I-495

Path behind Dolley Madison Apartments

Old Meadow Road path connection

Encore Condominiums

Regency Club Condominiums

Dolley Madison Apartments
Option 2 – Bike/Ped Bridge Concept

Route 123 to Tysons One Place
## Build Options – Evaluation

**Route 123 Bicycle and Pedestrian Facility**

<table>
<thead>
<tr>
<th>Option 1: Old Meadow Road To Westpark Drive</th>
<th>Option 2 (preferred): Route 123 to Tysons One Place</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>STRENGTHS</strong></td>
<td><strong>WEAKNESSES</strong></td>
</tr>
<tr>
<td>No Right-of-Way acquisitions</td>
<td>Two high-speed at-grade ramp crossings affecting bike and pedestrian safety*</td>
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<tr>
<td>Relatively flat path, easy to use</td>
<td>Large and complicated bridge structure</td>
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<td>Higher projected cost</td>
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<td>Proposed bridge piers would be in the existing drainage pond</td>
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<tr>
<td><strong>WEAKNESSES</strong></td>
<td><strong>STRENGTHS</strong></td>
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<td></td>
<td>Safer for bike and pedestrian users with no I-495 ramp crossings</td>
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<td>Lower projected cost</td>
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<td>Will provide direct access across I-495 for the community along Old Meadow Road</td>
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<td>Smaller bridge structure</td>
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<td>Right-of-way acquisition is necessary</td>
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<td>Steeper grades along Old Meadow Road</td>
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</table>

*Route 123 Superstreet Project may allow increased safety on path when completed.*

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**Bicycle/Pedestrian Facility**

**Vicinity of Route 123 & I-495 – Tysons**

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**Kimley-Horn**

**Virginia Department of Transportation**
Build Options – Evaluation Criteria

Route 123 Bicycle and Pedestrian Facility

- General bicycling quality
- General walking quality
- Protection from intersecting traffic
- Direct access to existing places
- Direct access to future places
- Right-of-way impacts
- Ease of construction
- Preliminary project cost
# Build Options – Evaluation Scoring

*Route 123 Bicycle and Pedestrian Facility*

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<tr>
<th>General bicycling quality</th>
<th>General walking quality</th>
<th>Protection from intersecting traffic</th>
<th>Direct access to existing places</th>
<th>Direct access to future places</th>
<th>Right-of-way impacts</th>
<th>Ease of construction</th>
<th>Preliminary project cost</th>
<th>Total Score</th>
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</thead>
<tbody>
<tr>
<td><strong>OPTION 1: OLD MEADOW ROAD TO WESTPARK DRIVE</strong></td>
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<tr>
<td><strong>OPTION 2 (PREFERRED): ROUTE 123 TO TYSONS ONE PLACE</strong></td>
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**KEY**

- ![Circle](null): Best (3)
- ![Circle](null): Good (2)
- ![Circle](null): Fair (1)
Preferred Option
Option 2 - Route 123 to Tysons One Place
Schedule

- Public Info Meeting: May 17, 2017
- Selection of Preferred Option: June 2017
- Design Public Hearing: Late 2017
- Final Design: 2018
- Right-of-Way Acquisition: 2018/2019
- Utility Relocations: 2019
- Construction Complete: 2020
Questions?

For more information, contact:
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abraham.lerner@vdot.virginia.gov
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