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W&OD Trail Pedestrian and Bicycle Bridge Over U.S. Route 29 Public Planning Workshop

April 5, 2017

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Agenda

- Background and Original Bridge Design
- Design Constraints
- Revised Bridge Design
- Public Input
- Next Steps and Key Milestones

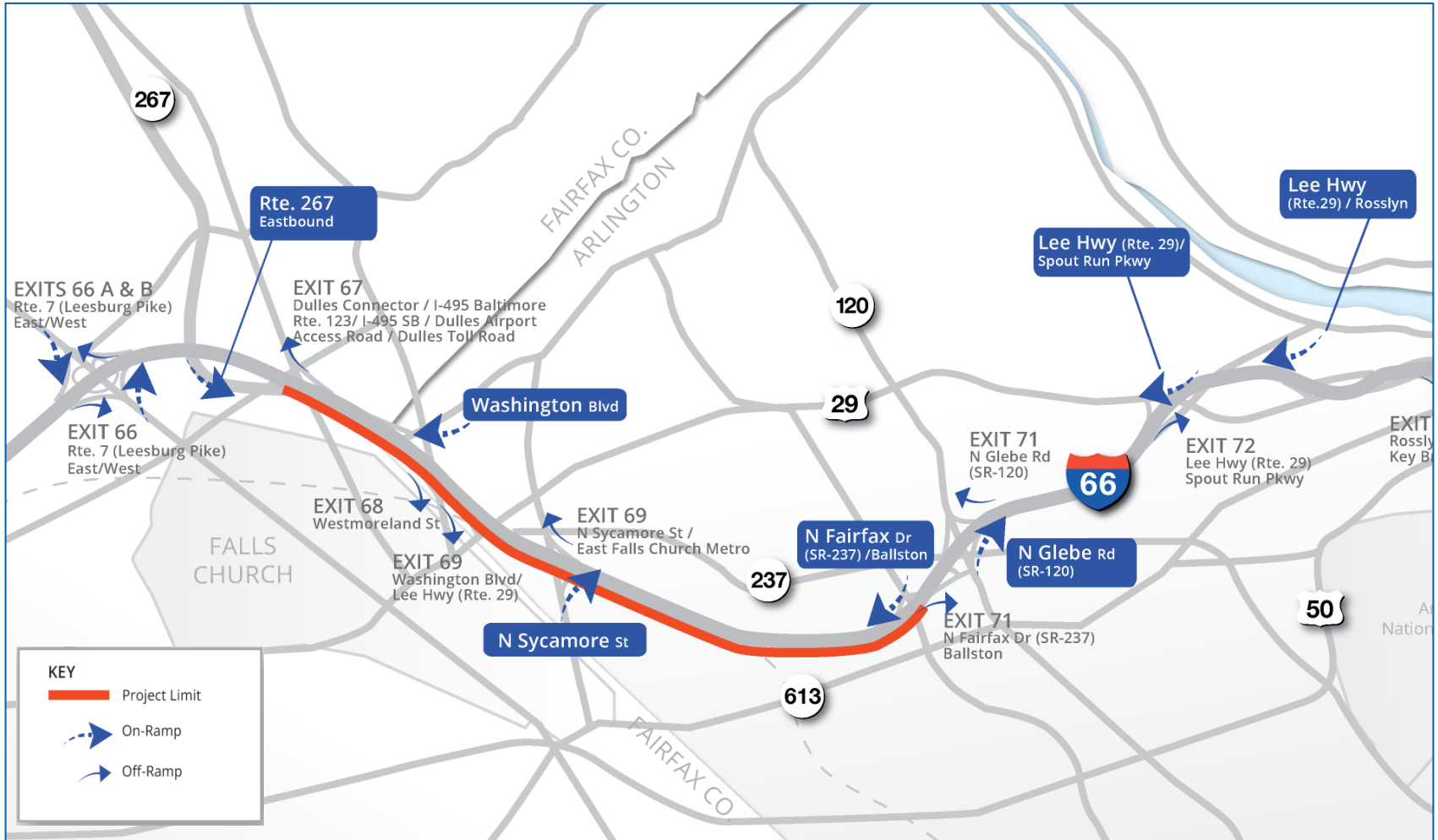


TRANSFORM 66
INSIDE the Beltway

VDOT | DRPT

Eastbound Widening Map

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TRANSFORM 66



TRANSFORM 66
INSIDE the Beltway

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Original Bridge Design



Original truss option DID NOT FIT within design footprint due to constraints.



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Bridge Design Constraints

- W&OD Trail Bridge must meet the following requirements:
 - Virginia Department of Transportation
 - 17½ ft. vertical clearance over Lee Highway
 - Northern Virginia Regional Park Authority
 - Minimum 20 ft.-wide bridge clearance
 - Minimum 12 ft. vertical clearance above bridge deck
 - Arlington County
 - Minimum 20 ft.-wide horizontal clearance from edge of curb on Fairfax Drive to bridge for emergency access to Crescent Falls Church Apartments with no vertical obstruction
 - Dominion
 - Minimum 25½ ft. vertical clearance from deck
 - Minimum 20' ft. vertical clearance from fence or railing
 - 34½ ft. horizontal clearance from center electric pole to center bridge
 - Maintain future trail connectivity to the East Falls Church Metro Station



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INSIDE the Beltway

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Revised Bridge Design

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Girder option FITS within design footprint.



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Design Elements for Public Input

- Abutment aesthetics
- Pier shape and aesthetics
- Bridge color
- Fence/Railing
- Lighting



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Next Steps

- Public input on design elements will be incorporated into revised bridge design
- Results of public planning workshop will be presented during follow-up public meeting in May 2017
- Final comments accepted until mid-May 2017
- Design elements will be provided in the Technical Requirements for the Eastbound Widening Project



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Key Milestones

Activities	Dates
Comment Deadline for Public Planning Workshop	April 21, 2017
Follow-Up Public Meeting	May 2, 2017 (tentative)
Final Comment Deadline	May 18, 2017 (tentative)
Award Design-Build Contract for Eastbound Widening Project	Late 2017
Eastbound Widening Construction	Mid 2018 – Mid 2020



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THANK YOU

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