Welcome to the Virginia Department of Transportation’s (VDOT) public information meeting on plans to study safety and operational improvements at the I-395 Shirlington interchange (Exit 6) in Arlington County. We look forward to your active participation.

This 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 here to discuss the project and answer your questions. We’ve included a comment sheet in this brochure and encourage your input. All written comments received on this study will be reviewed by the design team, summarized and made available on the VDOT project website.

Study at a Glance

**Purpose:** Assess operations and safety for the I-395 Shirlington interchange and identify potential alternatives

**Lengths and Limits:** Shirlington interchange to Glebe Road

**Phase:** Study

**Begin Date:** Summer 2015

**Completion Date:** Late Fall 2018

**Cost:** $1.6 million
Study Overview

This study includes the I-395 (Henry G. Shirley Memorial Highway) and South Shirlington Road interchange, the I-395 southbound ramp from Glebe Road (Route 120), and the intersections adjacent to the interchange.

The goals of the study include:

• Improving safety and operations of the interchange
• Evaluating operational analysis
• Assessing cost estimates and feasibility for alternatives

In 2016, data on traffic volumes and vehicle movements was collected to identify safety and operational issues. Alternatives have been identified which aim to reduce congestion, crashes, and boost the interchange’s overall performance. Over the next several months these alternatives will be refined and analyzed, with another public information meeting later this fall.

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 will be initiating an environmental study to evaluate potential impacts to socio-economic, natural and historic resources. VDOT will coordinate the appropriate federal, state and local agencies as part of the environmental review and approval process required during the project design development.

Right of Way

Preliminary alternatives presented on the displays are conceptual and may change as the study and concepts are refined. Property owners would be informed of the exact location of any 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.

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 Olivia Daniszewski, EIT at 703-259-2318 or TTY/TDD 711.

Get Involved

VDOT will review and evaluate any information received as a result of the public information meeting. The comment sheet and brochure is provided to assist in making your comments. 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 May 31, 2018. Mail comments to Olivia Daniszewski, EIT at the address below or email meetingcomments@vdot.virginia.gov.

Please include “I-395 Shirlington Interchange Improvements Study” in the subject line.

Project information shared here, including a summary of comments received during the comment period, will be available at a www.virginiadot.org/projects and at VDOT’s Northern Virginia District Office.

Contact Information

<table>
<thead>
<tr>
<th>Primary Contact:</th>
<th>Preliminary Engineering</th>
<th>4975 Alliance Drive Fairfax, VA 22030</th>
<th>703-259-2318</th>
</tr>
</thead>
<tbody>
<tr>
<td>Olivia Daniszewski, EIT</td>
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All comments are subject to public disclosure.

Name (optional): 
Address (optional): 
Email (optional): 

1. What alternative(s) do you support and why?

2. What are your major concerns that you would like to see incorporated into this study?

3. Please provide us with any additional information or suggestions that will assist VDOT in developing the final alternatives and design of this study.

4. How did you hear about this meeting?
   _____Newspaper  _____Social Media  _____Website  _____Other __________________________

Please leave this comment sheet at the designated location, mail your comments (postmarked by May 31, 2018) to the addressee on the reverse side, or email them to meetingcomments@vdot.virginia.gov. Please include “I-395 Shirlington Interchange Improvements Study” in the email subject line.
Postal Service will not deliver without a stamp
Agenda

• Introductions
  • Nicholas Roper, P.E.

• Study Purpose & Status
  • Olivia Daniszewski, E.I.T.

• Selected Alternatives
  • Tim Ramey, P.E.

• Plan & Funding
  • Olivia Daniszewski, E.I.T.

• Questions & Answers
Purpose of Tonight’s Public Information Meeting

• Present purpose and scope of the study

• Present alternatives moving forward for further analysis

• Receive comments from the public on the alternatives
Study Limits

- The I-395 Shirlington interchange
- The ramp from Glebe Road (Route 120) to southbound I-395
- The intersection of Shirlington Road and Arlington Mill Drive
- The intersection of Gunston Road and Martha Custis Drive
Agenda

- Introductions
  - Nicholas Roper, P.E.
- Study Purpose & Status
  - Olivia Daniszewski, E.I.T.
- Selected Alternatives
  - Tim Ramey, P.E.
- Schedule & Funding
  - Olivia Daniszewski, E.I.T.
- Questions & Answers
Study Purpose & Goal

• Identify safety & operational issues
• Develop recommendations for the operations & safety improvements
• Address residents’ concerns & incorporate feedback

Your input is important to this study.
Study Status

• Collected data, identified safety and operational issues
• Identified potential improvements and solicited feedback from our local government partners
• Detailed analysis and conceptual plans of the alternatives:
  • 6 alternatives focus on Shirlington Road rotary (S - #)
  • 2 alternatives focus on Glebe Road ramp (G - #)
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• Questions & Answers
I-395 Shirlington Road Interchange
Alternative S-1: Reduce & Repurpose Existing Lanes

Existing Conditions:

- Mix of high and low speed entrances to the rotary (areas shown in red)
- Several multi-lane weave movements
Proposed Alternative:

- Repurpose existing lanes and eliminate low-volume lanes to reduce weave movements.
Alternative S-2: Realign Quaker Lane Ramp

Existing Conditions:

- Several key movements in area:
  - Rotary traffic merges to the right to Gunston Road or I-395 NB
  - Quaker Lane merges into the rotary
  - High speeds of traffic entering interchange from Quaker Lane (area shown in red)
- Crash Hot Spot
Alternative S-2: Realign Quaker Lane Ramp

Proposed Alternative:

- Realign and adjust the approach angle of Quaker Lane ramp to reduce speeds of traffic entering the interchange
Existing Conditions:

- Several decision points and weaving movements over a short distance:
  - Both Express Lanes exit and I-395 NB off-ramp traffic entering rotary
  - Rotary traffic to Arlington Mill Drive, Campbell Avenue or I-395 SB
- Limited advanced signing and sight distance
- High speeds of traffic (area shown in red)
Alternative S-3: Add Lane to Arlington Mill Drive Exit

Proposed Alternative:

- Add a lane to Arlington Mill Drive exit to reduce number of weaving movements
Alternative S-4: Create Signalized T-Intersection with Rotary & Quaker Lane

Existing Conditions:

- Several key movements in area:
  - Rotary traffic merges to the right to Gunston Road or I-395 NB
  - Quaker Lane merges into the rotary
  - High speeds of traffic entering interchange from Quaker Lane (area shown in red)
- Crash Hot Spot
Alternative S-4: Create Signalized T-Intersection with Rotary & Quaker Lane

Proposed Alternative:

- Create signalized T-intersection with rotary and Quaker Lane to:
  - Eliminate weave from rotary to Gunston Road
  - Control Quaker Lane traffic speeds
Alternative S-5: Create Signalized Intersection with I-395 NB Off-Ramp & Gunston Rd

Existing Conditions:

- I-395 NB Off-Ramp exits to area with several weaves over a short distance
- Quaker Lane merges into the rotary where rotary traffic weaves to the right to Gunston Road or I-395 NB
- High speeds of traffic entering interchange from Quaker Lane (area shown in red)
Alternative S-5: Create Signalized Intersection with I-395 NB Off-Ramp & Gunston Rd

Proposed Alternative:

- Convert I-395 NB off-ramp to an intersection with Gunston Road to:
  - Control speeds
  - Remove weaves
Alternative S-6: Create Signalized Intersection with I-395 SB Off-Ramp & Campbell Ave

Existing Conditions:

- Campbell Ave traffic has short weave area to continue into rotary (area shown in red)
- Queue jumpers
  - Some I-395 southbound traffic exits for Quaker Lane but then merges back onto I-395 SB
Alternative S-6: Create Signalized Intersection with I-395 SB Off-Ramp & Campbell Ave

Proposed Alternative:
- Convert I-395 SB off-ramp to an intersection with Campbell Avenue to:
  - Control speeds
  - Remove weaves
Two Example Improvements

The recommended improvements may combine alternatives:

- Alternative S-3: Add Lane to Arlington Mill Drive Exit
- Alternative S-4: Create Signalized T-intersection with Rotary & Quaker Lane
Two Example Improvements

The recommended improvements may combine alternatives:

- Alternative S-5: Create Signalized Intersection with I-395 NB Off-Ramp & Gunston Road
- Alternative S-6: Create Signalized Intersection with I-395 SB Off-Ramp & Campbell Avenue
Alternative G-1: Merge 2-lane West Ramp to 1-lane

Existing Conditions:

- Queued traffic on the East Ramp has an extremely short acceleration distance (<100’) to get up to speed with the West Ramp
- High speeds of traffic on the West Ramp increases the difficulty for the East Ramp to successfully merge after stopping
- Limited sight distance for East Ramp
- Crash Hot Spot
Alternative G-1: Merge 2-lane West Ramp to 1-lane

Proposed Alternative:
- Merge 2-lane West Ramp to 1-lane prior to East Ramp to increase acceleration distance to merge
Alternative G-2: Shift West Ramp to Shoulder

Existing Conditions:

- Queued traffic on the East Ramp has an extremely short acceleration distance (<100’) to get up to speed with the West Ramp
- High speeds of traffic on the West Ramp increases the difficulty for the East Ramp to successfully merge after stopping
- Limited sight distance for East Ramp
- Crash Hot Spot
Alternative G-2: Shift West Ramp to Shoulder

Proposed Alternative:

- Shift West Ramp to right shoulder to increase acceleration distance to merge
General Improvements

• Repair and replace existing interchange lighting

• Refresh pavement markings

• Increase or move advanced signing in areas where short weave lengths exist
  • Arlington Mill Road and I-395 SB split

• Clear overgrown vegetation to increase sight distance and decision timing
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• Schedule & Funding
  • Olivia Daniszewski, E.I.T.

• Questions & Answers
Schedule & Funding

• Interim Public Information Meeting  May 21, 2018
• End of Public Meeting Comment Period  May 31, 2018
• Analysis of Alternatives  Summer 2018
• Final Public Information Meeting  Fall 2018
• Issue Final Report  Late Fall 2018
• Budget  $1.6 Million
Next Steps for the Study

- Operational Analysis
- Cost Estimates
- If funded, this effort could move forward as a Project.
Questions?

• Mail comments to Olivia Daniszewski at the address below or email meetingcomments@vdot.virginia.gov

• Please include “I 395 Shirlington Interchange Improvements Study” in the subject line

• If you have any further questions, please contact:

| Olivia Daniszewski, EIT | Preliminary Engineering | 4975 Alliance Dr Fairfax, Va 22030 | 703-259-2318 |