Welcome to the Virginia Department of Transportation’s (VDOT) public information meeting on proposed improvements to install a new traffic signal at the intersection of Blackburn Road and Rippon Boulevard. 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 present to discuss the project and answer your questions. A comment sheet is included in this brochure and your input is encouraged. All written comments received on this project will be reviewed by the design team. A summary of comments and responses will be posted on the project website after the meeting.

Public Information Meeting

Blackburn Road and Rippon Boulevard
Prince William County
Wednesday, Dec. 6, 2017
6:30 p.m. to 8 p.m.
Freedom High School
15201 Neabsco Mills Road, Woodbridge, VA 22191

Project Overview

Purpose:
Improve safety and operations for all users

Project:
Intersection of Blackburn Road and Rippon Boulevard

Improvements:
Install a new traffic signal at the intersection of Blackburn Road and Rippon Boulevard, including pedestrian improvements

State Project: 0638-076-203, P101, R201, C501 / UPC: 107405

Get Involved

VDOT representatives will review and evaluate information received as a result of this meeting. Please fill out the comment sheet provided in this brochure if you have any comments or questions. 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 Dec. 16, 2017.

Mail comments to Ms. Angel Tao at the address below or email meetingcomments@vdot.virginia.gov. Please include “Blackburn Road and Rippon Boulevard” in the subject line.

Project information shared at this meeting will be available online at www.virginiadot.org/projects and at VDOT’s Northern Virginia Office.

Contact Information

Primary Contact:
Angel Tao, P.E.
angel.tao@vdot.virginia.gov
Claudia Llana, P.E.
claudia.llana@vdot.virginia.gov
Brian Costello
brian.costello@vdot.virginia.gov
Jennifer McCord
jennifer.mccord@vdot.virginia.gov

Location and Design

4975 Alliance Drive
Fairfax, VA 22030
703-259-2377

Preliminary Engineering

4975 Alliance Drive
Fairfax, VA 22030
703-259-1768

Right of Way & Utilities

4975 Alliance Drive
Fairfax, VA 22030
703-259-2986

Communications

4975 Alliance Drive
Fairfax, VA 22030
703-259-1779

TTY/TDD Dial 711

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This project aims to improve safety and operations at the intersection of Blackburn Road and Rippon Boulevard. It will also provide additional sidewalk connections from Blackburn Road to the shared-use path along Rippon Boulevard.

Based on VDOT’s recent traffic study, existing congestion and crash history at this location warrants installing a traffic signal.

The project will install a new traffic signal at the intersection of Blackburn Road and Rippon Boulevard. In addition, the turn lanes on Rippon Boulevard that have not been in use since the intersection became a four-way stop will be restored as part of pavement resurfacing and restriping.

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 VDOT’s Civil Rights Division at 703-259-1775 or TTY/TDD 711.

Preliminary right of way impacts presented on the displays are conceptual in nature and may change as the design is refined. The property owners will be informed of the exact location of the 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.

**Anticipated Schedule**

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Public Information Meeting</td>
<td>Dec. 6, 2017</td>
</tr>
<tr>
<td>Comment period ends</td>
<td>Dec. 16, 2017</td>
</tr>
<tr>
<td>Approve Design</td>
<td>Summer 2018</td>
</tr>
<tr>
<td>Begin Construction</td>
<td>Spring 2019</td>
</tr>
<tr>
<td>End Construction</td>
<td>Fall 2019</td>
</tr>
</tbody>
</table>

**Estimated Project Cost**

- Engineering Design: $270,000
- Right of Way Acquisition/Utility Relocation: $100,000
- Construction: $850,000
- Total Cost: $1.2 million

The project is being financed with federal funds.

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Environmental Review

Pursuant to the National Environmental Policy Act (NEPA) and 23 CFR 771, a NEPA document in the form of a Programmatic Categorical Exclusion (PCE) will be prepared for this project under a Programmatic Agreement between VDOT and the Federal Highway Administration (FHWA). The PCE will include information about potential impacts to environmental resources within the project’s vicinity. In accordance with 23 CFR 774.5, a Section 4(f) de minimis impact finding will also be requested from FHWA for minor use of Rippon Landing Neighborhood Park.

Right of Way

Preliminary right of way impacts presented on the displays are conceptual in nature and may change as the design is refined. The property owners will be informed of the exact location of the easements during the right of way acquisition process and prior to construction.

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All comments are subject to public disclosure.

Name (optional): ____________________________________________________________

Address (optional): _________________________________________________________

Email (optional): ____________________________________________________________

1. Do you have comments or concerns about the proposed signal located at Blackburn Road and Rippon Boulevard?

2. Do you support the proposed signal located at Blackburn Road and Rippon Boulevard?
   Yes _____  No _____  Yes _____ with modifications, please explain:

3. Do you have any comments about a potential signal located at Forest Grove Drive and Rippon Boulevard?

4. Do you have any comments about the proposed alternatives presented?

5. How did you hear about this meeting?
   _____ Newspaper  _____ Social Media  _____ Website  _____ Other ________________

Please leave this comment sheet at the designated location, mail your comments to the addressee on the reverse side, or email them to meetingcomments@vdot.virginia.gov. Please include “Blackburn Road and Rippon Boulevard” in the email subject line.
Postal Service will not deliver without a stamp

Angel Tao, P.E.
Virginia Department Of Transportation
Northern Virginia District
4975 Alliance Drive
Fairfax, VA 22030
Blackburn Rd at Rippon Blvd
Public Information Meeting

Project Manager
Angel Tao, P.E.

Project Sponsor
Claudia Llana, P.E.

December 6, 2017
Purpose and Need

The purpose of this project is to improve vehicular and pedestrian safety and operations at the Blackburn Rd and Rippon Blvd intersection.
Project History

- Received citizens’ requests for a new signal for Blackburn Rd and Rippon Blvd starting in 2003
- Traffic study shows that signal warrants have been met for a new signal installation
- Project received federal funding (RSTP) in 2015
Signal Warrants

Total of 9 signal warrants in the Manual on Uniform Traffic Control Devices (MUTCD) to justify the installation of a signal

Signal warrants met for the Blackburn/Rippon intersection:

- Warrant 2 – Four Hour Volumes
- Warrant 3A – Peak Hour Delay
- Warrant 7 – Crash Experience

10 crashes in the last 3 years.
7 out of 10 were angle crashes.
5 out of 10 were injury crashes.

A new signal will decrease the number of angle crashes which cause the most severe injuries.
Proposed Scope of Work

- New traffic signal
- Pedestrian improvements
  - Pedestrian signals
  - Crosswalks
  - ADA ramps
  - Connect sidewalk to an adjacent project
- Minor geometric improvements
  - Slip lane island with refuge
  - Milling and resurfacing
- Existing striped out turn lanes will be restored and utilized if possible.
Right of Way Impacts

3 Properties impacted, including the Rippon Landing Park
Proposed Schedule
(Pending public meeting comments)

Public Information Meeting: December 6, 2017
Comment Period Ends: December 16, 2017
Approve Design: Summer 2018
Construction Begins: Spring 2019
Construction Completed: Fall 2019
Public Input Received

- Concerns with the proposed traffic signal at Blackburn Road and Rippon Boulevard
- Request to evaluate a roundabout at Blackburn Road and Rippon Boulevard
- Request to evaluate the adjacent Forest Grove Drive and Ripon Boulevard Intersection
- Request for Public Hearing / Meeting
Recent modifications to the neighborhood access point at Rte 1 and Vantage Dr induced more traffic at Forest Grove Dr and Rippon Blvd.

Forest Grove Dr and Rippon Blvd intersection is found to meet the same signal warrants as Blackburn Rd and Rippon Blvd (volume, peak hour delay, and crash history).

- 13 crashes in the last 3 years
- 12 out of 13 were angle crashes
- 5 out of 13 were injury crashes
Alternatives 1 – 3

• Alternative 1 – No Build
  • Do not implement any signal installation
  • Existing safety and operational problems remain unresolved

• Alternative 2 – Build new signal at Blackburn Rd and Rippon Blvd
  • Implement proposed project
  • Project fully funded and would improve operations and safety at Blackburn Rd and Rippon Blvd

• Alternative 3 – Build new signal at Forest Grove Dr and Rippon Blvd
  • Project not yet funded but would improve operations and safety at Forest Grove Dr and Rippon Blvd
Alternative 4 – Both Signals at Forest Grove/Rippon & Blackburn/Rippon

- Signals would be coordinated to favor Rippon Blvd through traffic.
- Would improve operations and safety for both intersections.
- Funding not currently available for both improvements.
Alternative 5 – Roundabout at Blackburn/Rippon & Intersection Modifications at Forest Grove/Rippon

- Using a single lane roundabout to reduce right of way impacts and construction cost
- Narrows approaches to 1 lane & prohibits left turns out at Forest Grove Dr in both directions
- Reduce the number and severity of crashes compared to signal installation
- Traffic modeling shows moderate delays on Rippon Blvd
- Funding not identified; higher upfront cost
Traffic Simulation Videos

ALTERNATIVE 2
Proposed signal at Rippon Boulevard and Blackburn Road

ALTERNATIVE 3
Proposed signal at Rippon Boulevard and Forest Grove Drive

ALTERNATIVE 4
Proposed signals at both intersections on Rippon Boulevard

ALTERNATIVE 5
Proposed single-lane roundabout at Rippon Boulevard and Blackburn Road
## Alternative Comparison

<table>
<thead>
<tr>
<th></th>
<th>Safety</th>
<th>Operations</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALT 1 – No Build</td>
<td>-</td>
<td>-</td>
<td>$0</td>
</tr>
<tr>
<td>ALT 2 – New Signal at Blackburn/Rippon (Current Funded Project)</td>
<td>+</td>
<td>+</td>
<td>$1.2M</td>
</tr>
<tr>
<td>ALT 3 – New Signal at Forest Grove/Rippon</td>
<td>+</td>
<td>+</td>
<td>$1.1M</td>
</tr>
<tr>
<td>ALT 4 – New Signal at both Blackburn/Rippon and Forest Grove/Rippon</td>
<td>++</td>
<td>++</td>
<td>$2.3M</td>
</tr>
<tr>
<td>ALT 5 – Single Lane Roundabout at Blackburn/Rippon with access modifications at Forest Grove/Rippon</td>
<td>++++</td>
<td>+</td>
<td>$3M</td>
</tr>
</tbody>
</table>
Nearby Projects

- Neabsco Mills Rd Widening from Route 1 to Smoke Ct (VDOT/PWC) Under Design

- Rippon Landing Park Parking Lot (PWC) Under Design

- Route 1 Widening from Featherstone Road to Mary’s Way (PWC) Under Right of Way acquisition

- Route 1 Widening from Mary’s Way to Annapolis Way (VDOT) Under Construction
Please Submit Your Comments

Your written comments are welcome:

• **By Email**
  
  meetingcomments@vdot.virginia.gov
  
  Please include “Blackburn Road and Rippon Boulevard” in the subject line

• **By Mail**
  
  Ms. Angel Tao
  
  Virginia Department of Transportation
  
  4975 Alliance Drive
  
  Fairfax, VA 22030

• **Leave in COMMENT BOX**
VDOT CONTACT INFO

1-800-FOR-ROAD
1-800-367-7623
VDOT website: http://www.virginiadot.org/
Resources: http://virginiaroads.org/
Report a problem: https://my.vdot.virginia.gov/