

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:

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Location and Design

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Preliminary Engineering

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Right of Way & Utilities

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703-259-2986

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Communications

4975 Alliance Drive
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TTY/TDD Dial 711



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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

Public Information Meeting

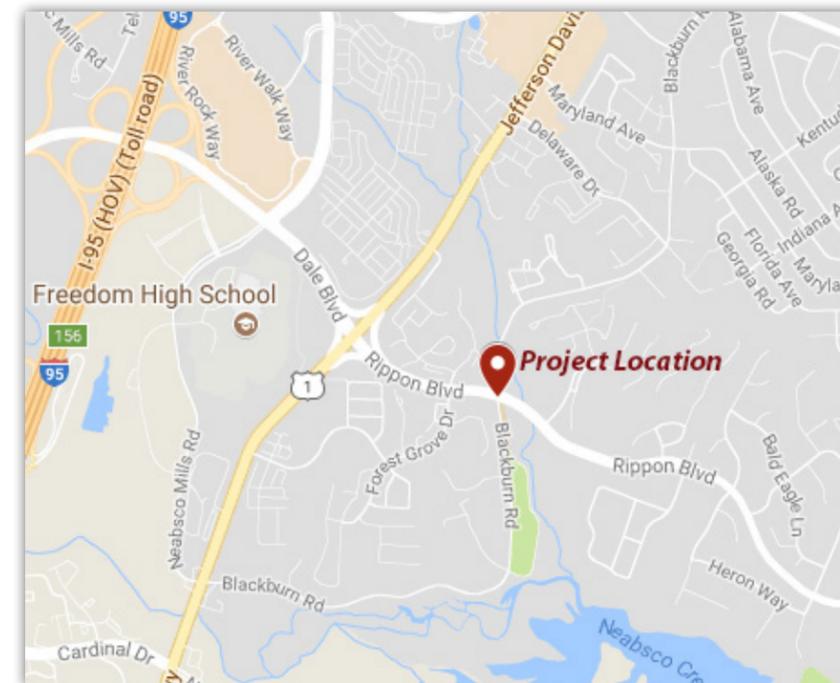
Welcome to the Virginia Department of Transportation's (VDOT) public information meeting on proposed improvements to install a new traffic signal at the intersection of Blackburn Road and Rippon Boulevard. We look forward to your active participation.

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.

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

Project Description

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.

Aerial Overview of the Blackburn Road and Rippon Boulevard Proposed Improvements



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.

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

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.

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

Public Information Meeting
Dec. 6, 2017

Comment period ends
Dec. 16, 2017

Approve Design
Summer 2018

Begin Construction
Spring 2019

End Construction
Fall 2019

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.



www.VirginiaDOT.org

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

COMMENT SHEET

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

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.

Fold 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

Fold Line

Blackburn Rd at Rippon Blvd Public Information Meeting

Project Manager

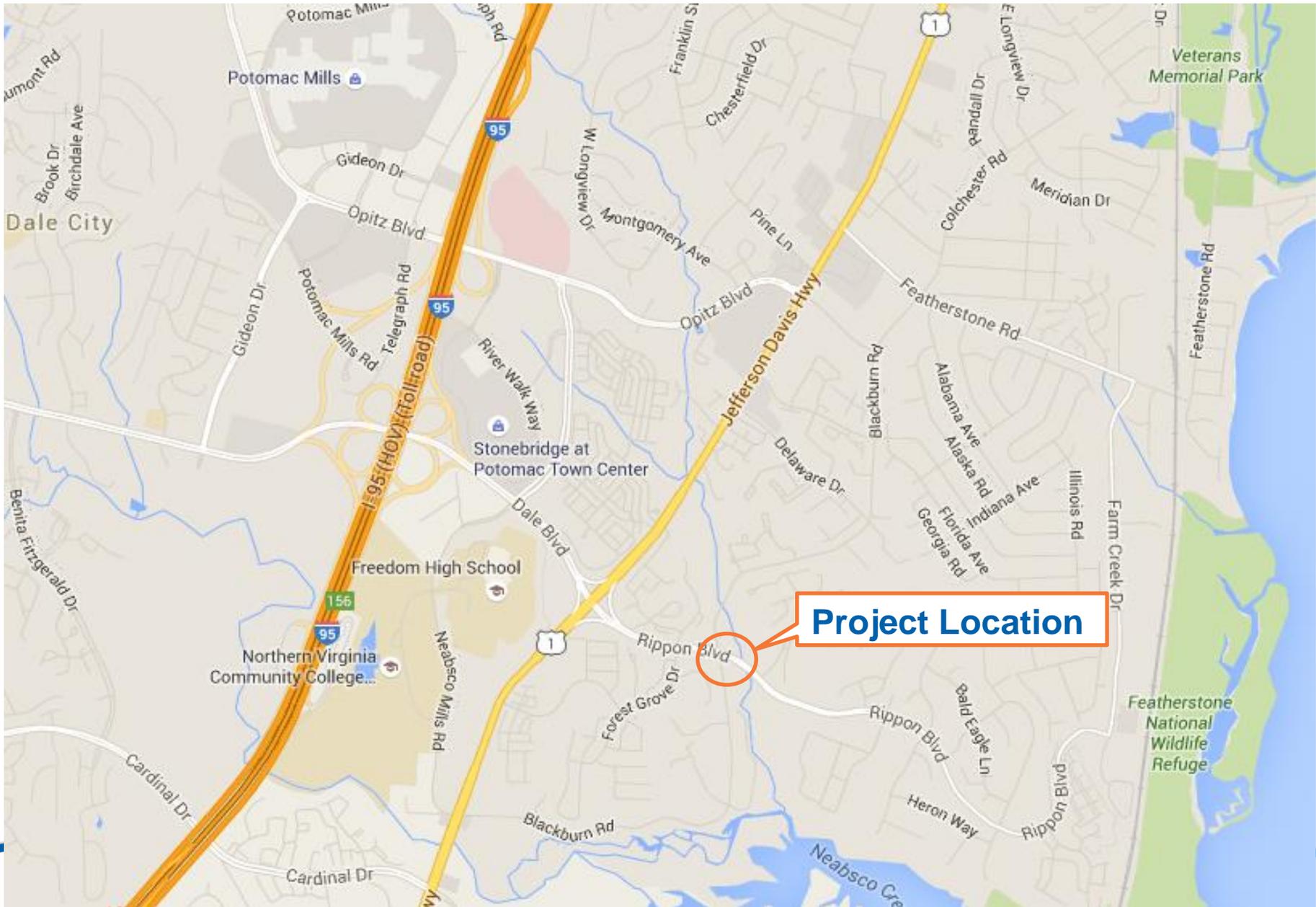
Angel Tao, P.E.

Project Sponsor

Claudia Llana, P.E.

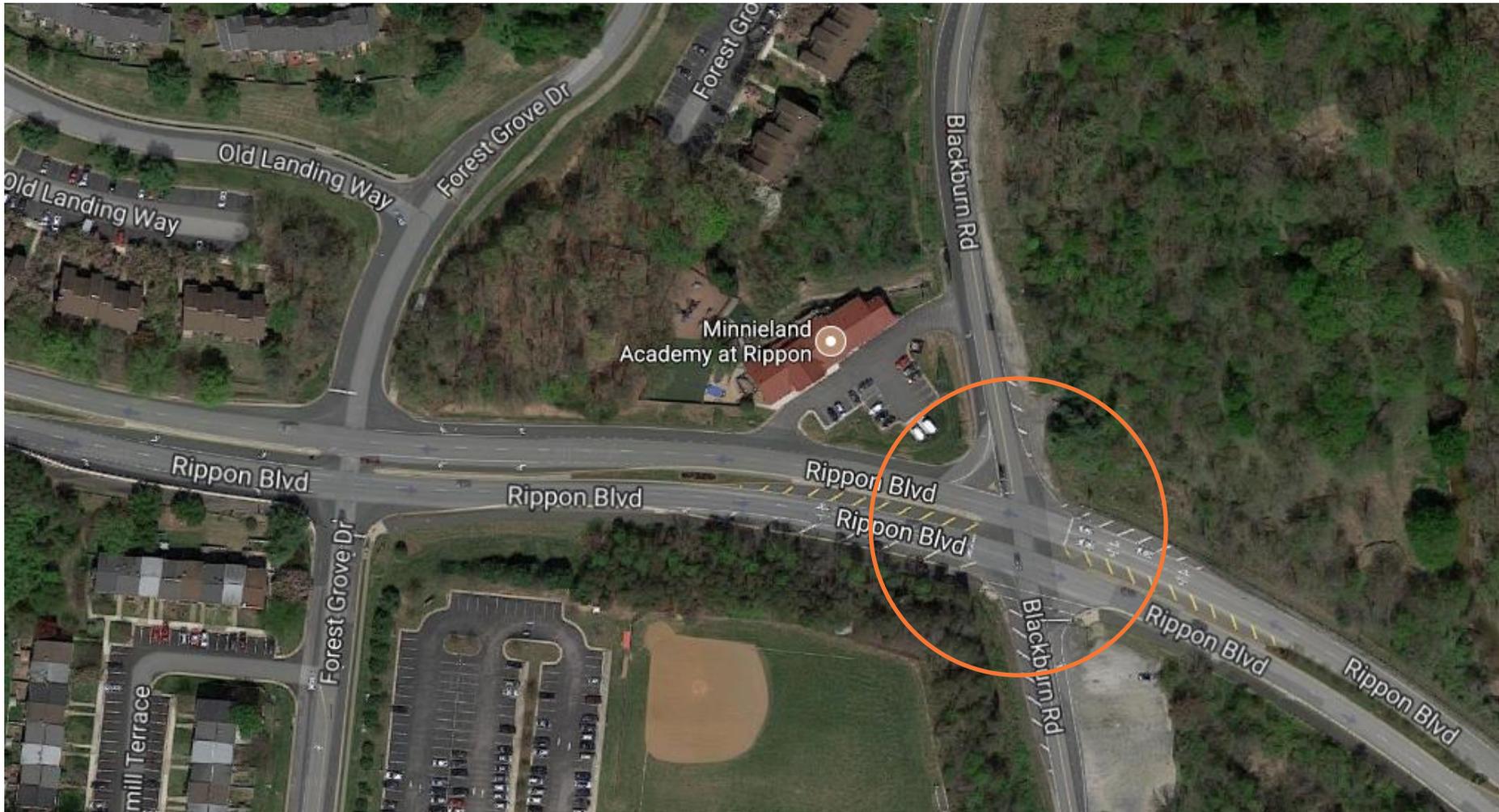
December 6, 2017

Blackburn Rd at Rippon Blvd Location Map



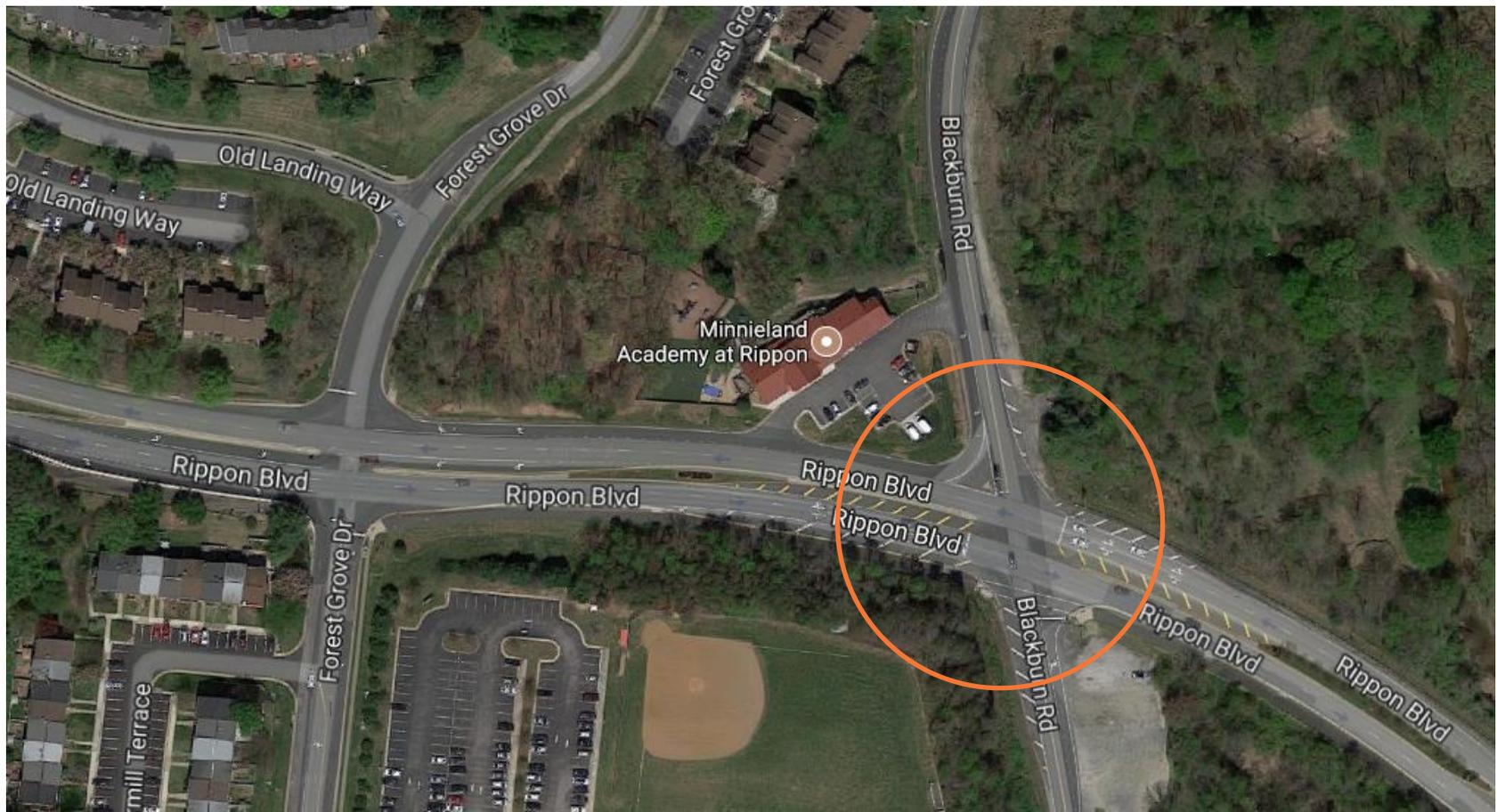
Purpose and Need

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

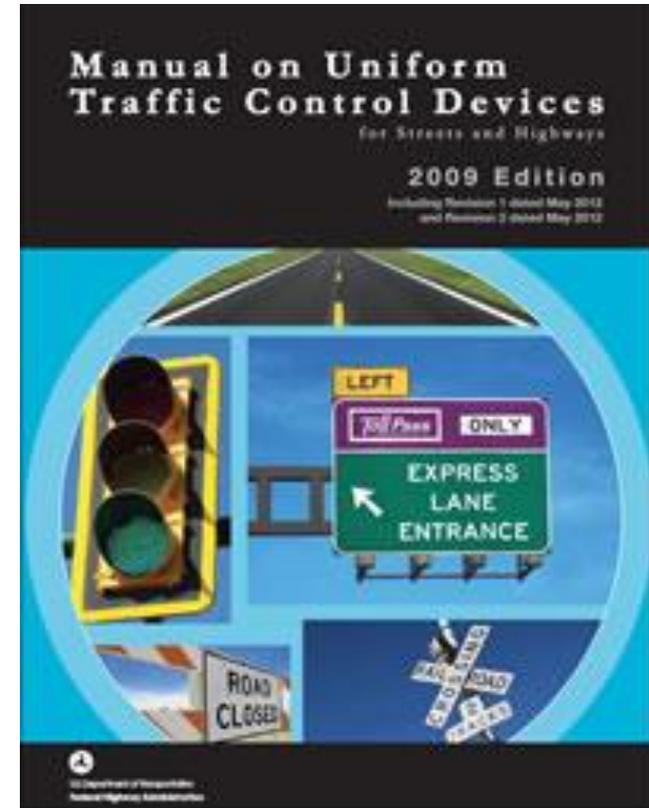
Signal warrants met for the Blackburn/Rippon intersection:

- 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.



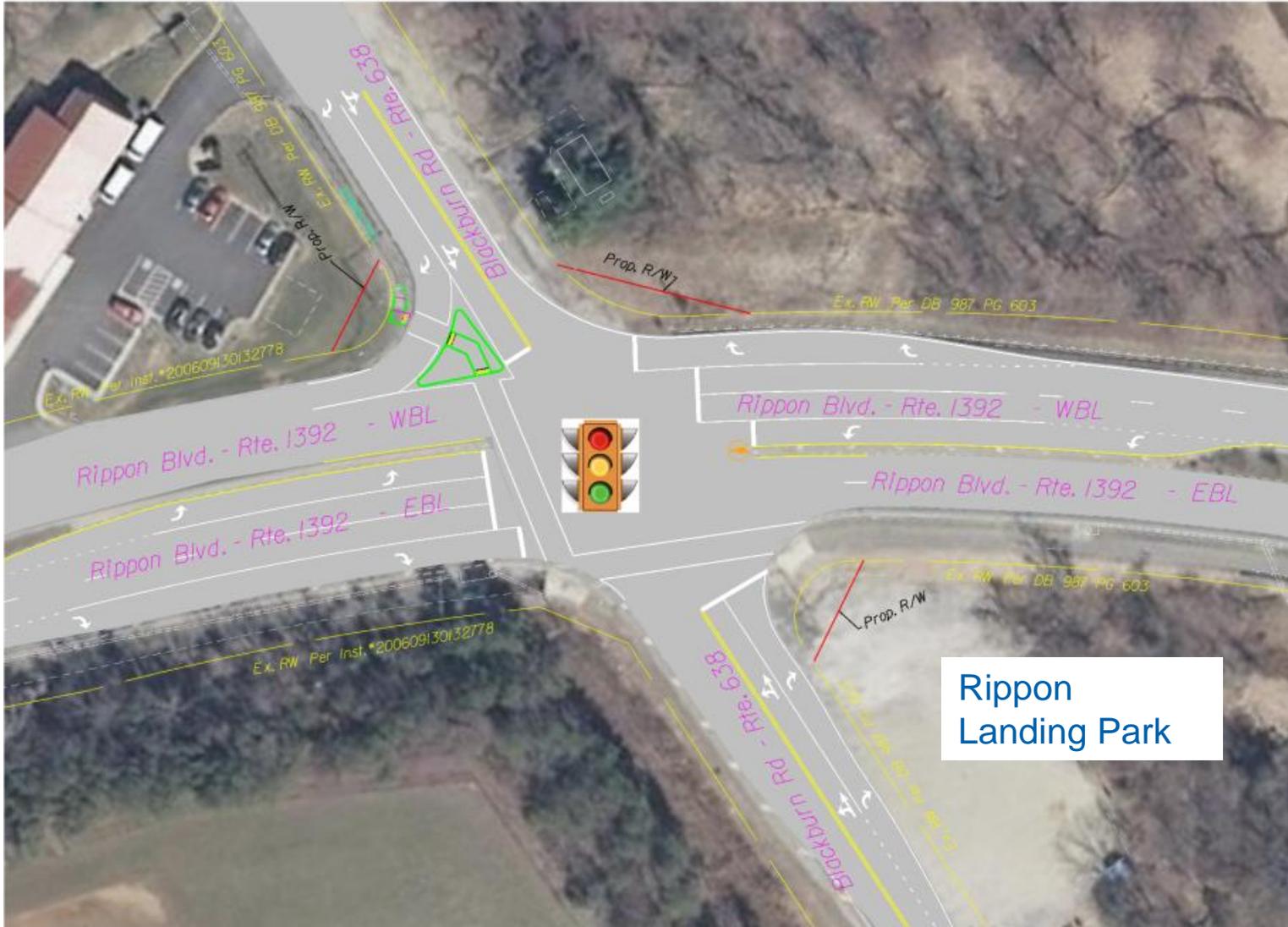
A new signal will decrease the number of angle crashes which cause the most severe injuries.

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)

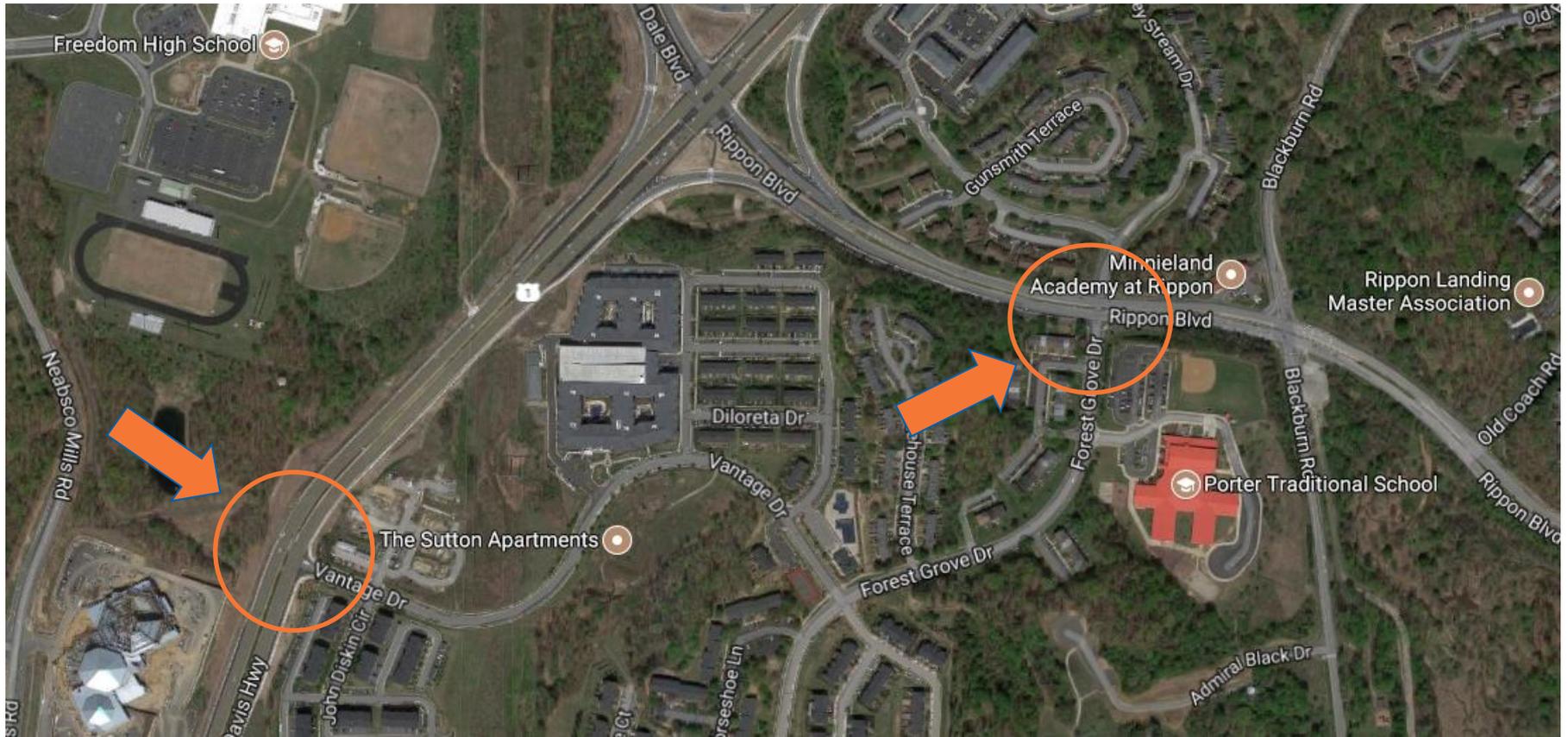
Public Information Meeting:	December 6, 2017
Comment Period Ends:	December 16, 2017
Approve Design:	Summer 2018
Construction Begins:	Spring 2019
Construction Completed:	Fall 2019

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**

Forest Grove Dr at Rippon Blvd

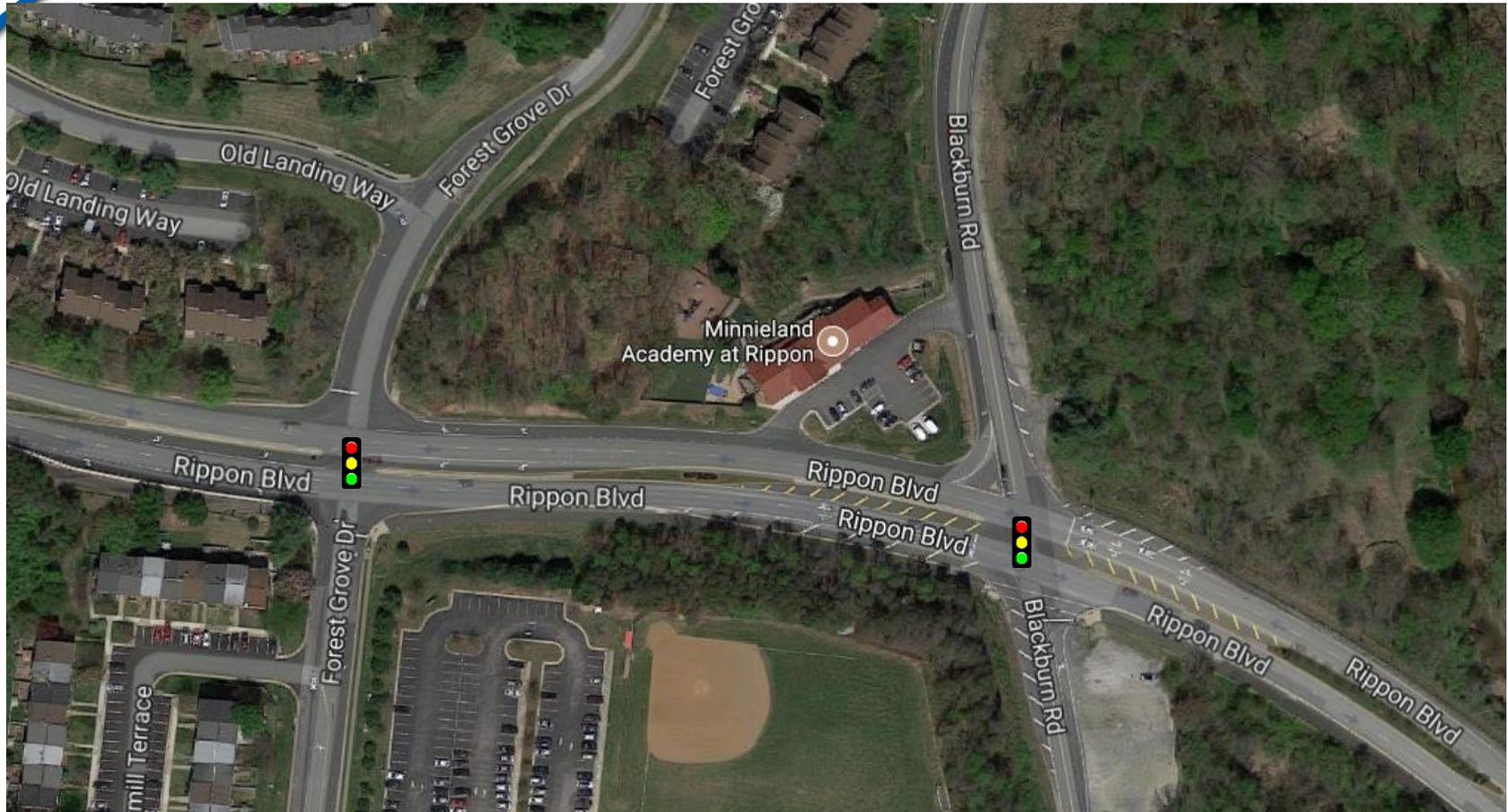
- Recent modifications to the neighborhood access point at Rte 1 and Vantage Dr induced more traffic at Forest Grove Dr and Rippon Blvd.
- Forest Grove Dr and Rippon Blvd intersection is found to meet the same signal warrants as Blackburn Rd and Rippon Blvd (volume, peak hour delay, and crash history).
 - 13 crashes in the last 3 years
 - 12 out of 13 were angle crashes
 - 5 out of 13 were injury crashes



Alternatives 1 – 3

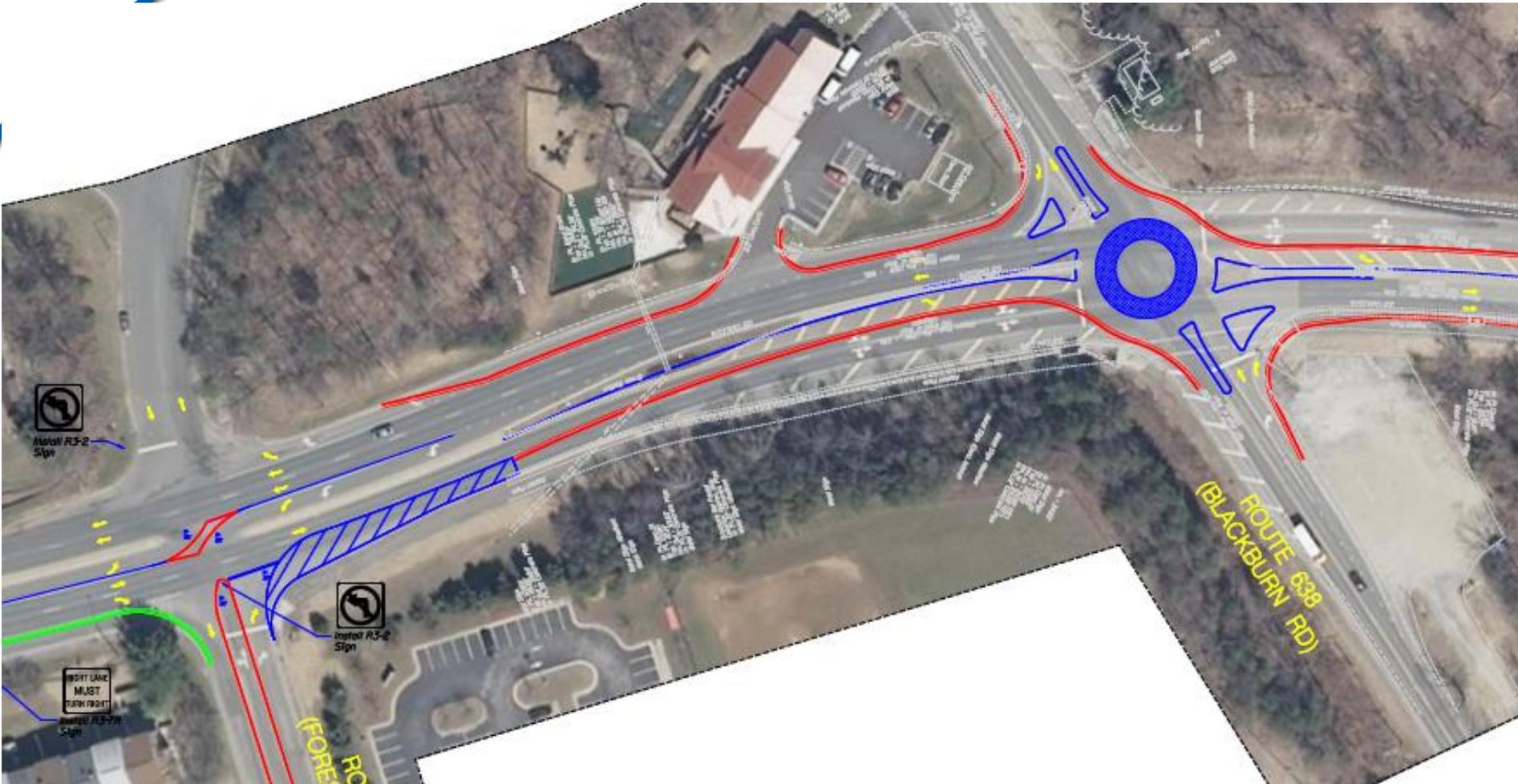
- **Alternative 1 – No Build**
 - Do not implement any signal installation
 - Existing safety and operational problems remain unresolved
- **Alternative 2 – Build new signal at Blackburn Rd and Rippon Blvd**
 - Implement proposed project
 - Project fully funded and would improve operations and safety 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



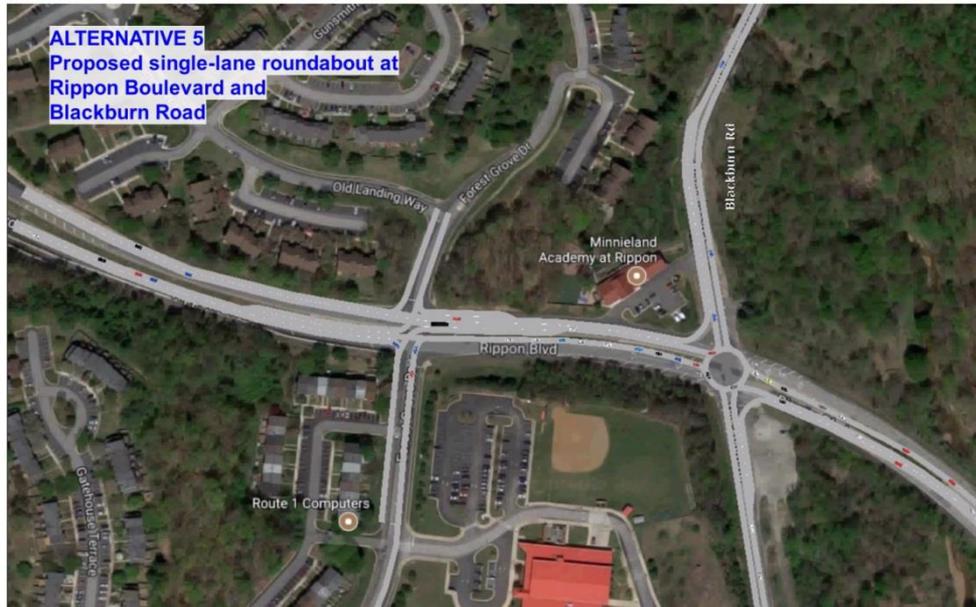
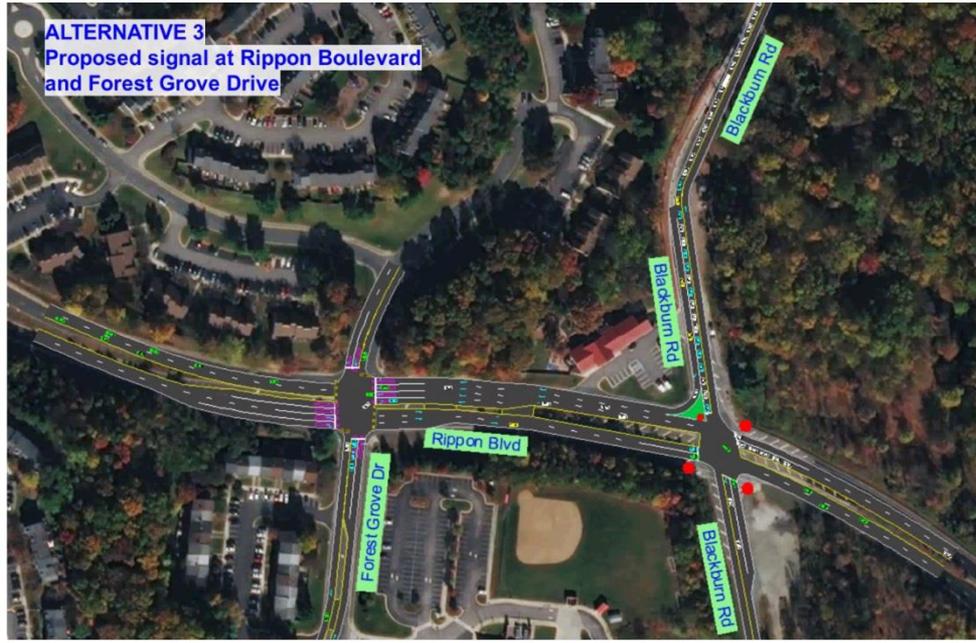
- Signals would be coordinated to favor Rippon Blvd through traffic.
- Would improve operations and safety for both intersections.
- Funding not currently available for both improvements.

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

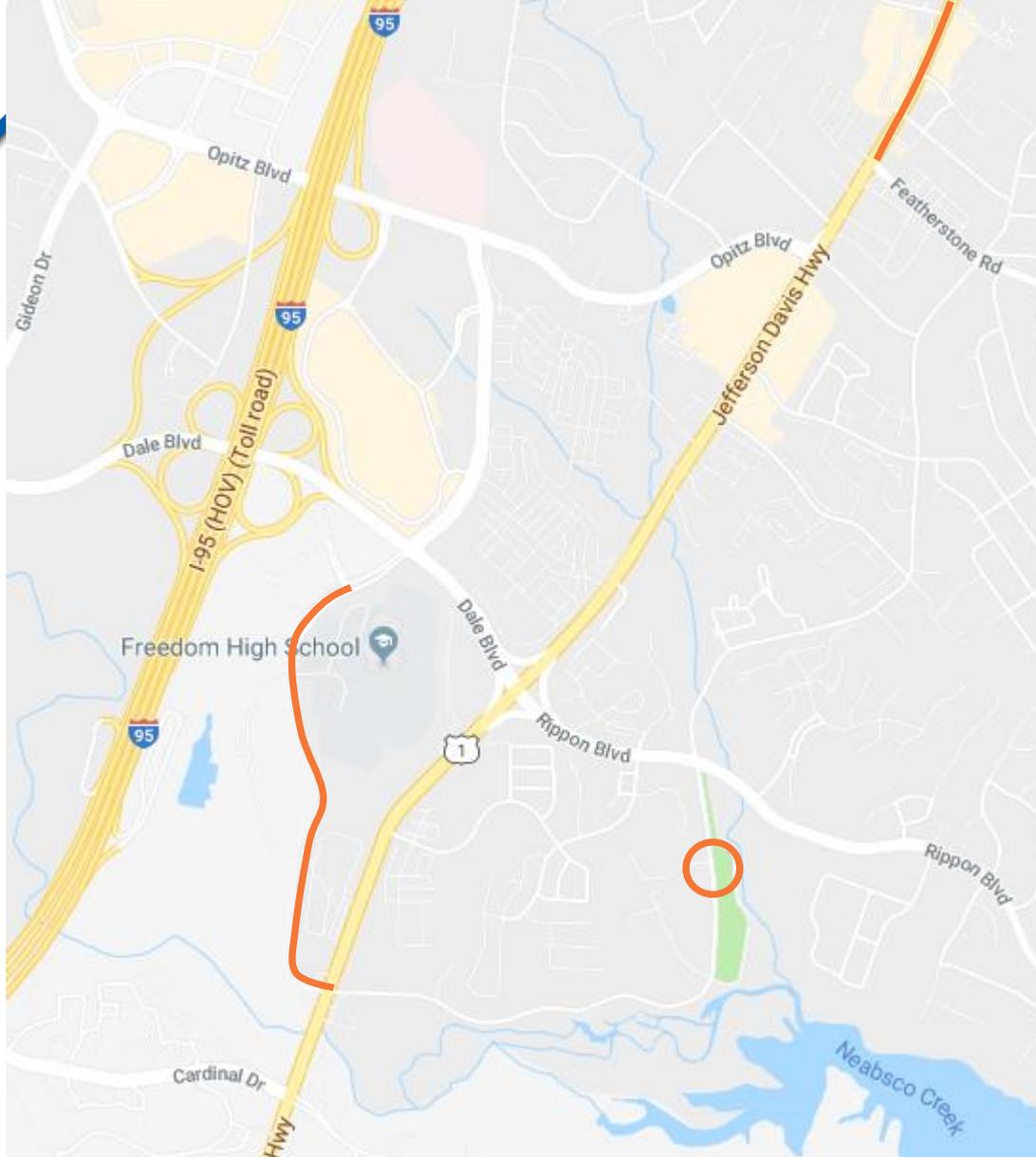
Traffic Simulation Videos



Alternative Comparison

	Safety	Operations	Cost
ALT 1 – No Build	-	-	\$0
ALT 2 – New Signal at Blackburn/Rippon (Current Funded Project)	+	+	\$1.2M
ALT 3 – New Signal at Forest Grove/Rippon	+	+	\$1.1M
ALT 4 – New Signal at both Blackburn/Rippon and Forest Grove/Rippon	++	++	\$2.3M
ALT 5 – Single Lane Roundabout at Blackburn/Rippon with access modifications at Forest Grove/Rippon	+++	+	\$3M

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/>



Aerial Overview of the Blackburn Road and Rippon Boulevard Proposed Improvements

Project Location

Prince William County



Legend

- Pavement Resurfacing
- Proposed Sidewalk and Curbing
- Signal
- Existing Right of Way
- Proposed Right of Way Line

Contact Information

Angel Tao
Project Manager
Virginia Department of Transportation
4975 Alliance Drive
Fairfax, Virginia 22030

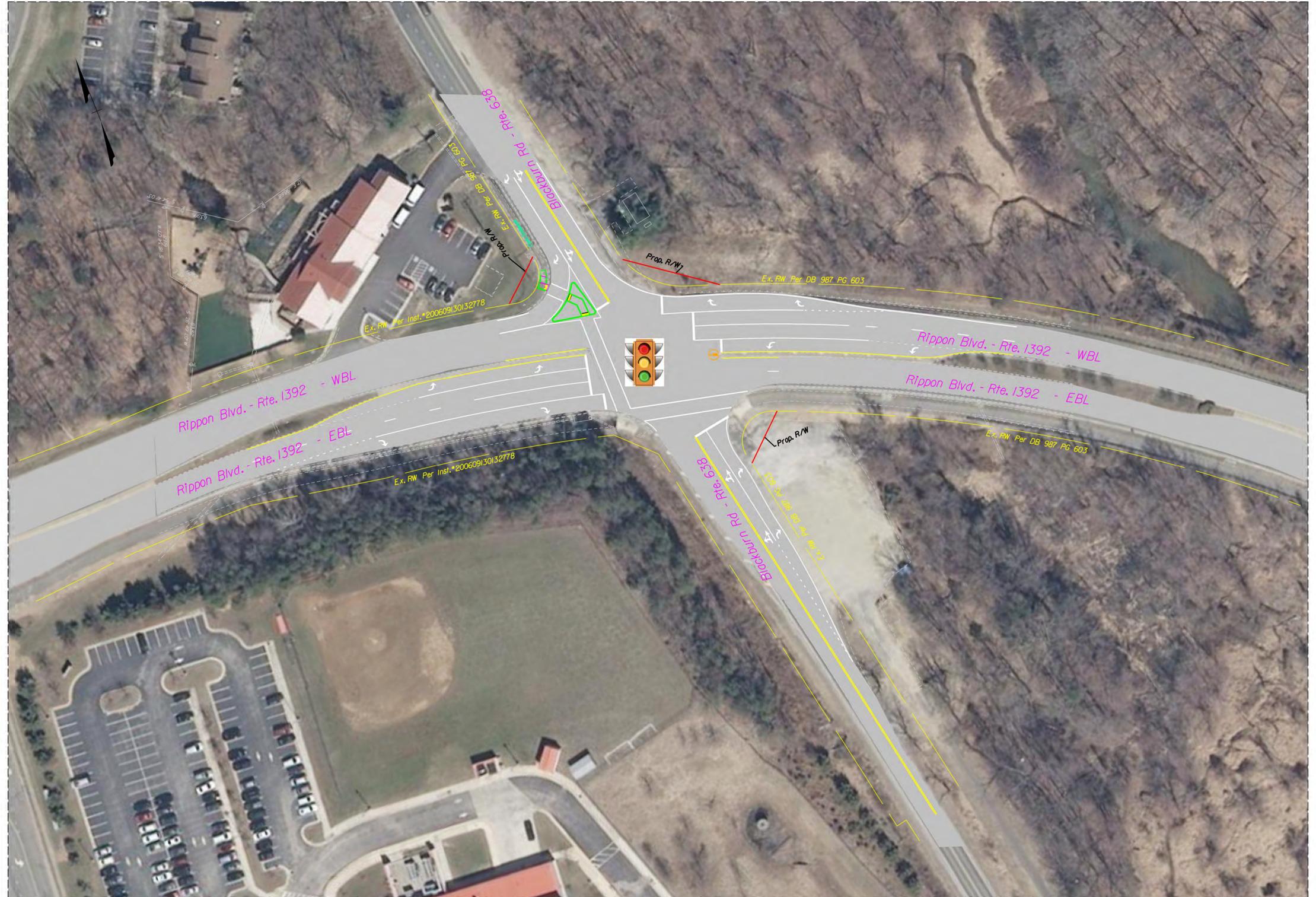
Comments may also be sent to:
Angel.Tao@VDOT.Virginia.gov

Blackburn Rd & Rippon Blvd Intersection Improvements
Prince William County, Virginia

State Project Number 0638-076-203
UPC 107405
Federal Project Number STP-076-9(030)

These plans are unfinished and unapproved and are not to be used for any type of construction or the acquisition of right of way. Additional easements for utility relocations may be required beyond the proposed right-of-way shown on these plans.

Imagery Courtesy of the Commonwealth of Virginia copyright 2009/2010.





- PROPOSED CURB
- PROPOSED CURB & GUTTER



CONCEPT DESIGN FOR RTE. 1362
RIPPON BOULEVARD EAST OF
U. S. ROUTE 1

ALTERNATIVE WITH ONE-LANE
ROUNDBOUT AT ROUTE 638
(BLACKBURN ROAD)

DESIGN BY: <i>Richard West, P.E.</i>	REVIEWED BY: <i>Angel Tao, P.E.</i>
SCALE: <i>One Inch = 25 Feet</i>	DATE: <i>December, 2017</i>
	Roll Plan