



PRINCE WILLIAM
COUNTY

Virtual Information Meeting

Fraley Blvd (Route 1) Widening

From Brady's Hill Rd. to Dumfries Rd. (Rte. 234)

Thursday, March 17, 2022, 6-8pm

Presentation starts at 6:10pm

Mr. Hoainam Nguyen

Project Manager

Prince William County Department of Transportation



Project Purpose and Funding



Project Purpose:

The purpose of this widening and improvement project is to reduce traffic congestion, improve pedestrian connectivity, and enhance the multimodal transportation network within our districts.

Funding:

This regional project is funded by Northern Virginia Transportation Authority (NVTA) Six Year Program funding covering the Preliminary Engineering, Right of Way, and Construction Phases. SMART SCALE funding has been allocated for the Construction Phase only.

Funding Breakdown:

- NVTA FY2015-2016 Funding Program: \$6,900,000
- NVTA FY2018-2023 Six Year Program: \$44,860,000
- NVTA FY2020-2025 Six Year Program: \$78,000,000
- SMART SCALE Round 4 Funds: \$50,800,000



Project History To-Date



- July 15, 2004 – CTB selects Dumfries Option 1 for new alignment of Fraley Blvd
- 2008 – VDOT Fund Allocations begin for Preliminary Engineering
- October 18, 2018 – Design Public Hearing held by VDOT
- July 2019 – Environmental Assessment Reevaluation completed

- March 2021 – Project design transitioned to Prince William County
- July 2021 – Consultant begins revisions to design.
- **March 2022 – Virtual Information Meeting**

Project Location/Vicinity Map

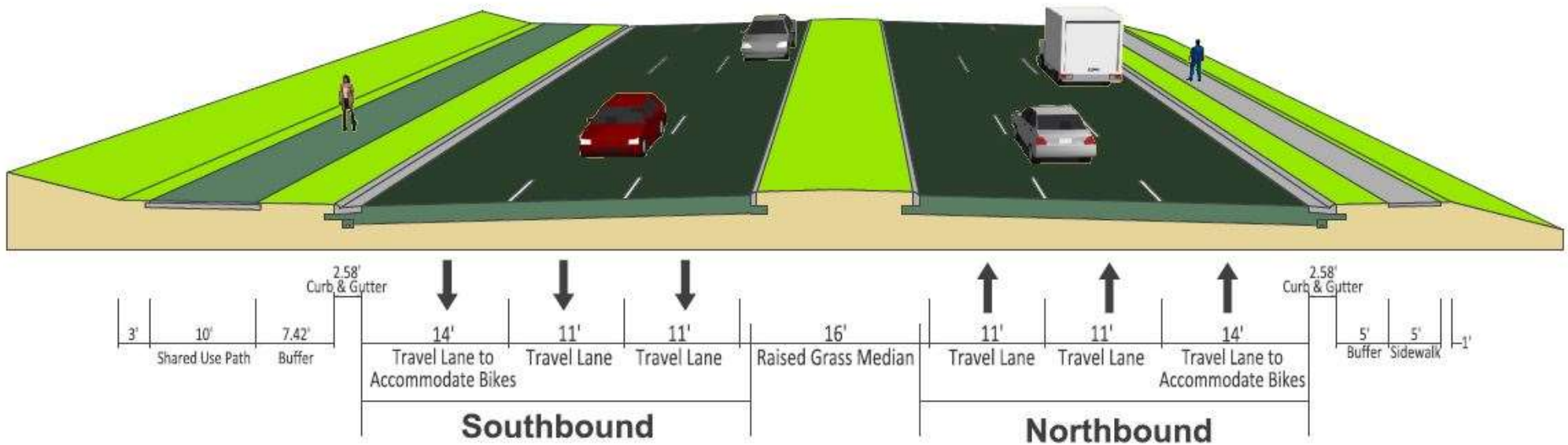


Design Features



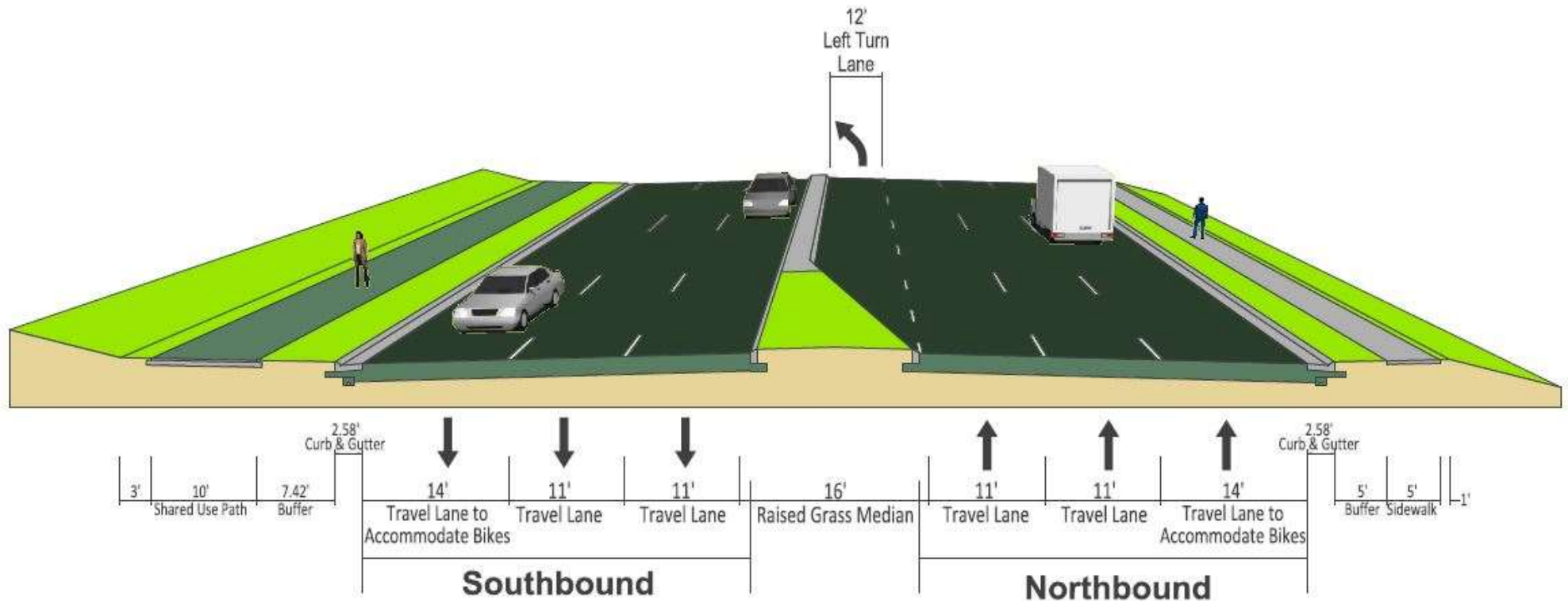
- Project is administered by Prince William County Department of Transportation.
- Project purpose is to reduce traffic congestion and provide relief to the congestion that impacts our region.
- Widening of existing northbound portion of Route 1 (Fraleley Blvd) from Brady's Hill Road to Dumfries Road to a six-lane divided facility.
 - Will serve two-way traffic and have divided median.
 - Project Length approximately 1.9 miles.
 - Project includes retaining walls, storm drainage improvements, stormwater pond/BMP, pedestrian improvements, and multi-modal improvements.
 - Project includes relocation of private and public utilities.
 - Design improvements implemented as PWCDOT took over administration include reducing SWM facilities, enhancing bridge design, reducing impacts on affected parcels, improving access management, and more.

Roadway Typical Section



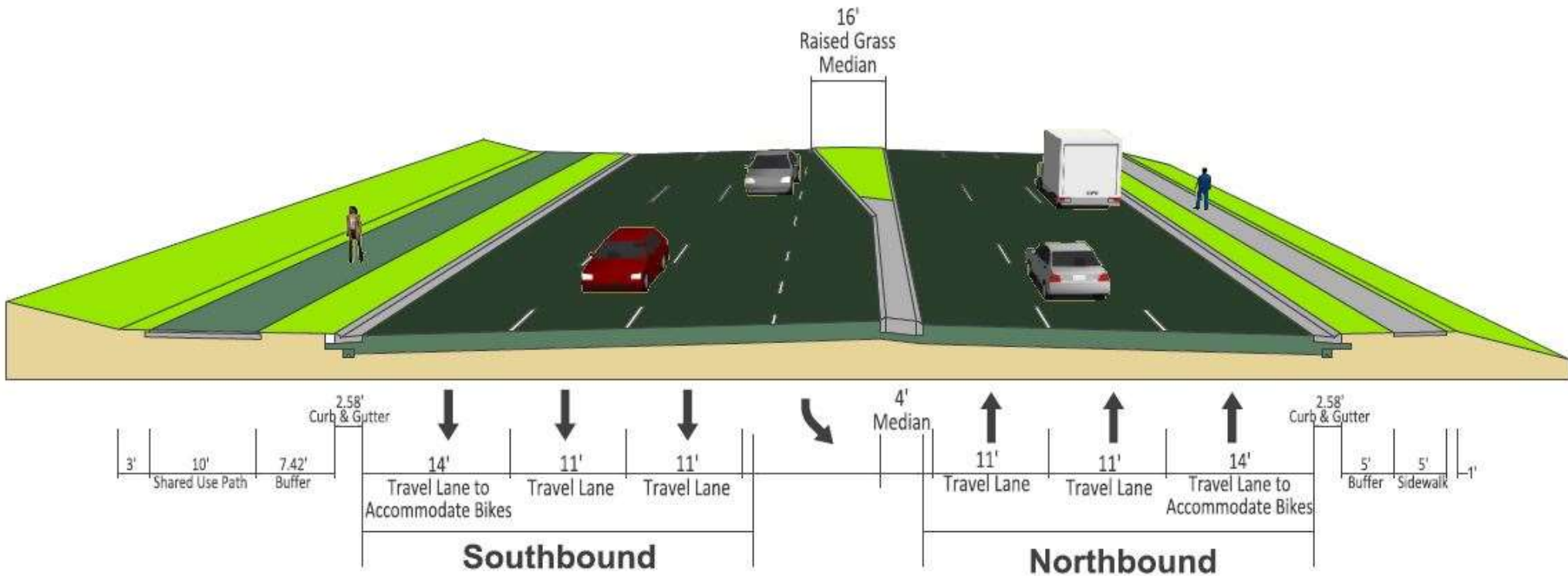
**Typical Section
Route 1/Fraley Boulevard**

Roadway Typical Section



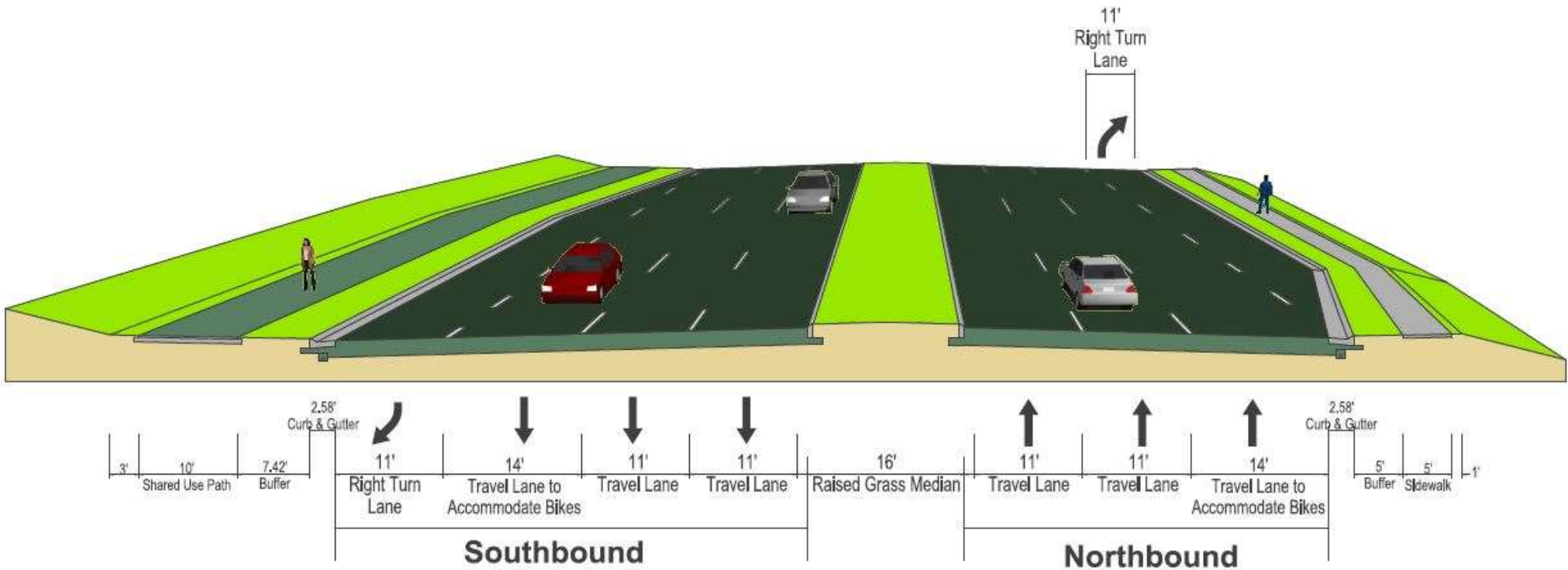
**Typical Section - Northbound Median Left Turn
Route 1/Fraley Boulevard**

Roadway Typical Section



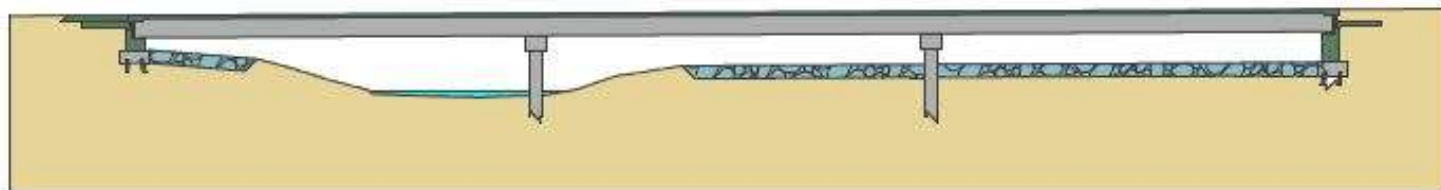
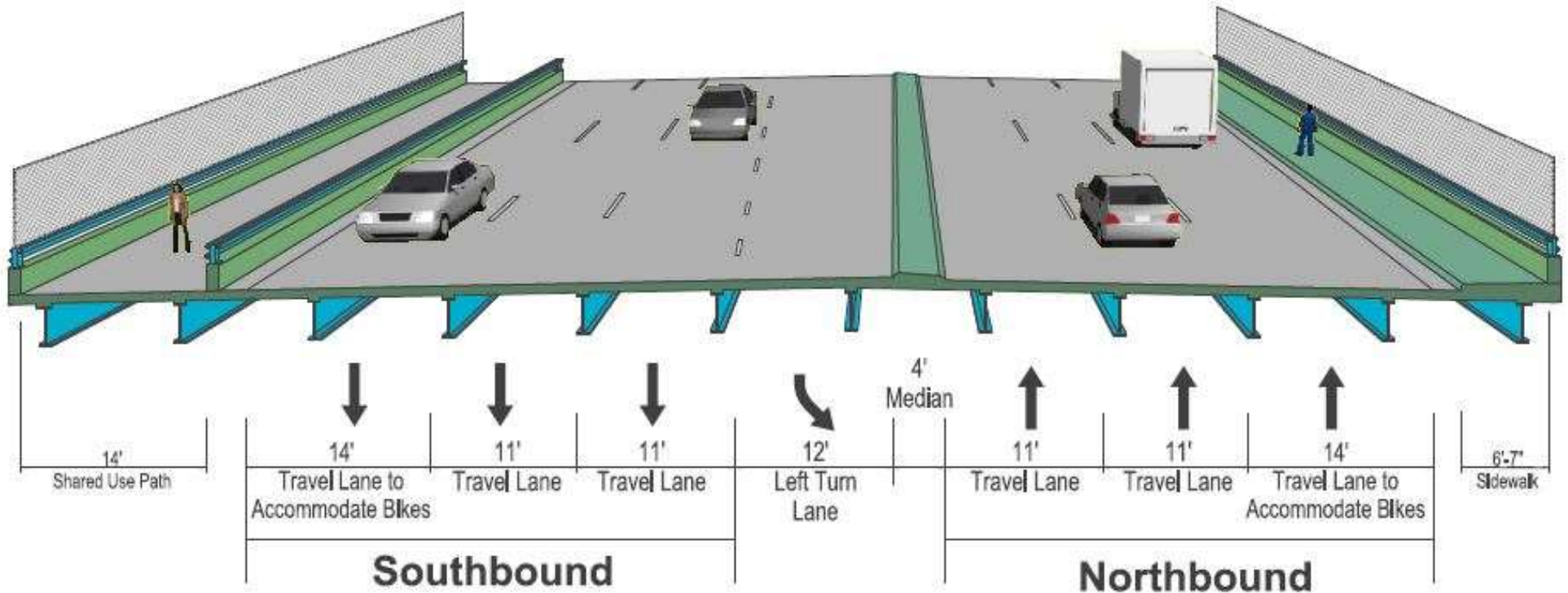
**Typical Section - Southbound Median Left Turn
Route 1/Fraley Boulevard**

Roadway Typical Section



**Typical Section - Northbound and Southbound
Right Turn Lanes
Route 1/Fraley Boulevard**

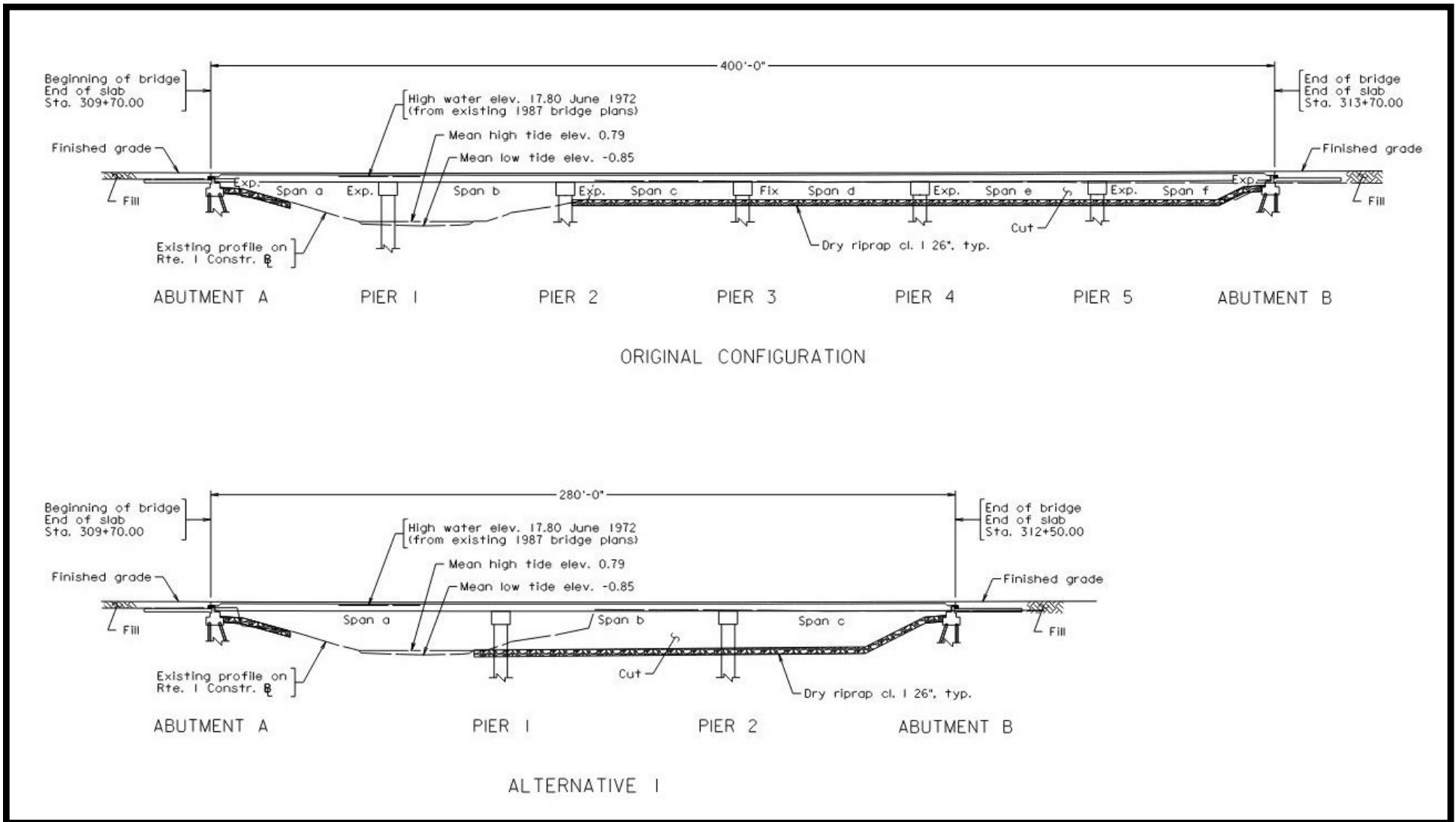
Roadway Typical Section



Bridge over Quantico Creek

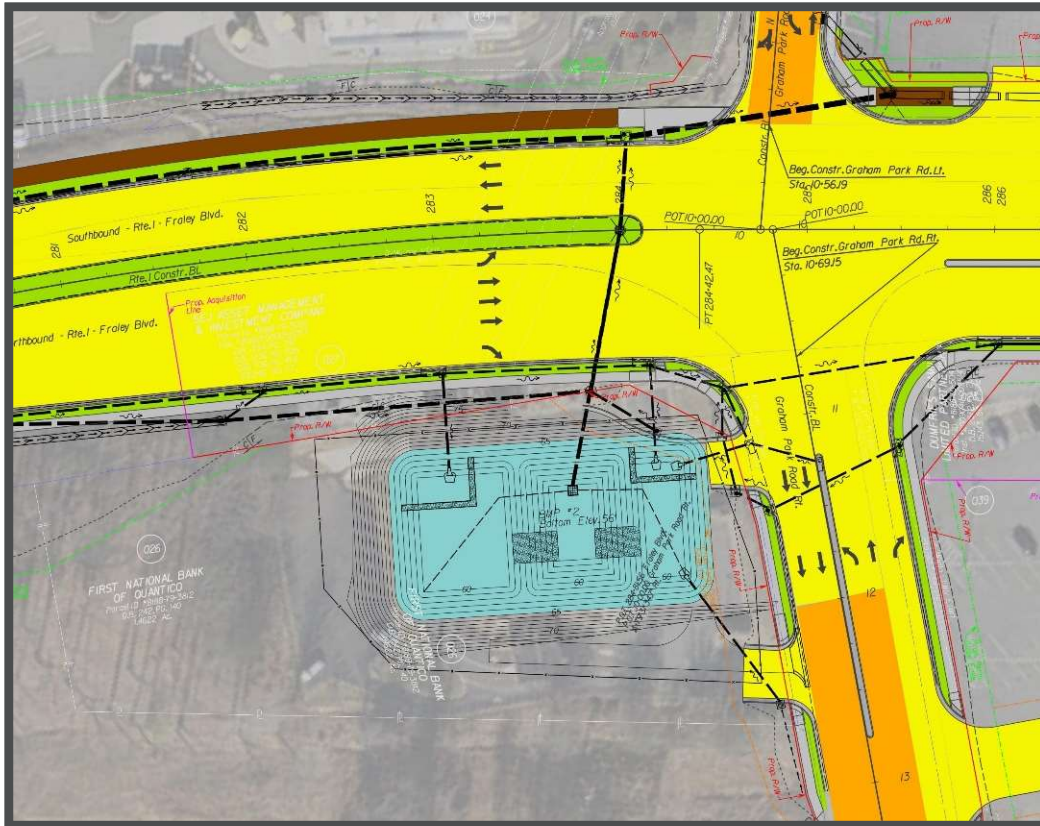
Design Changes: Bridge Length Reduction

- Reduction in project cost and long-term maintenance

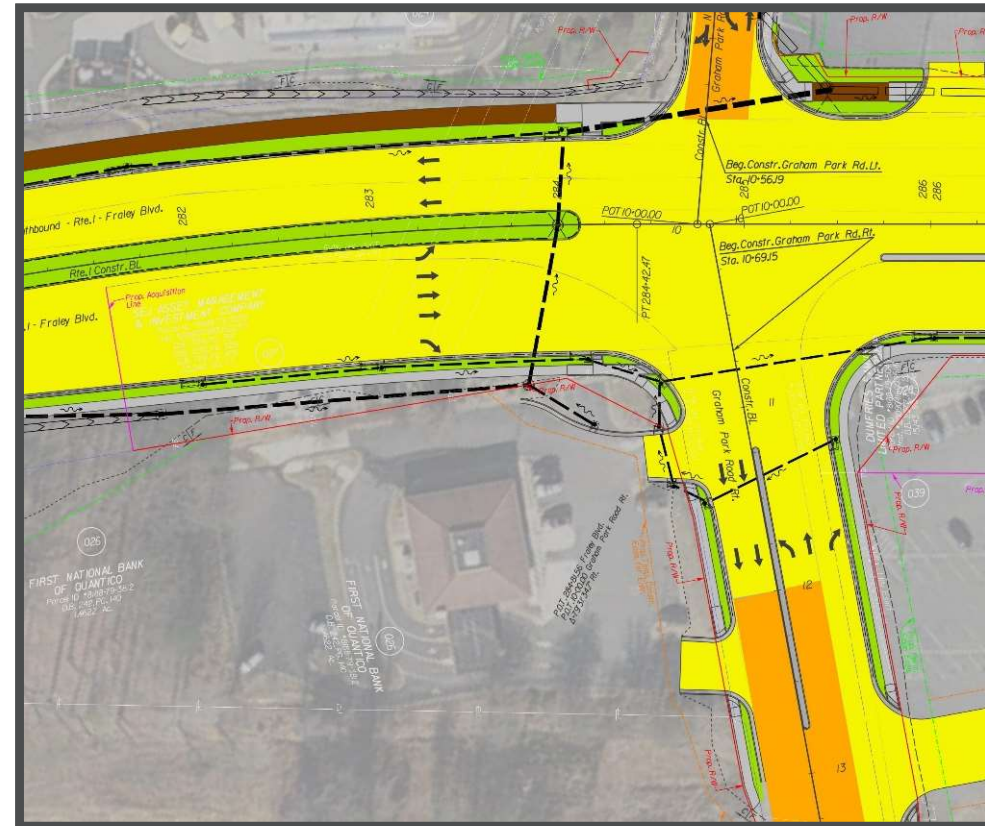


Design Changes: SWM Pond # 2 Elimination

- Reduction in project impacts
- Reduction in project cost and long-term maintenance



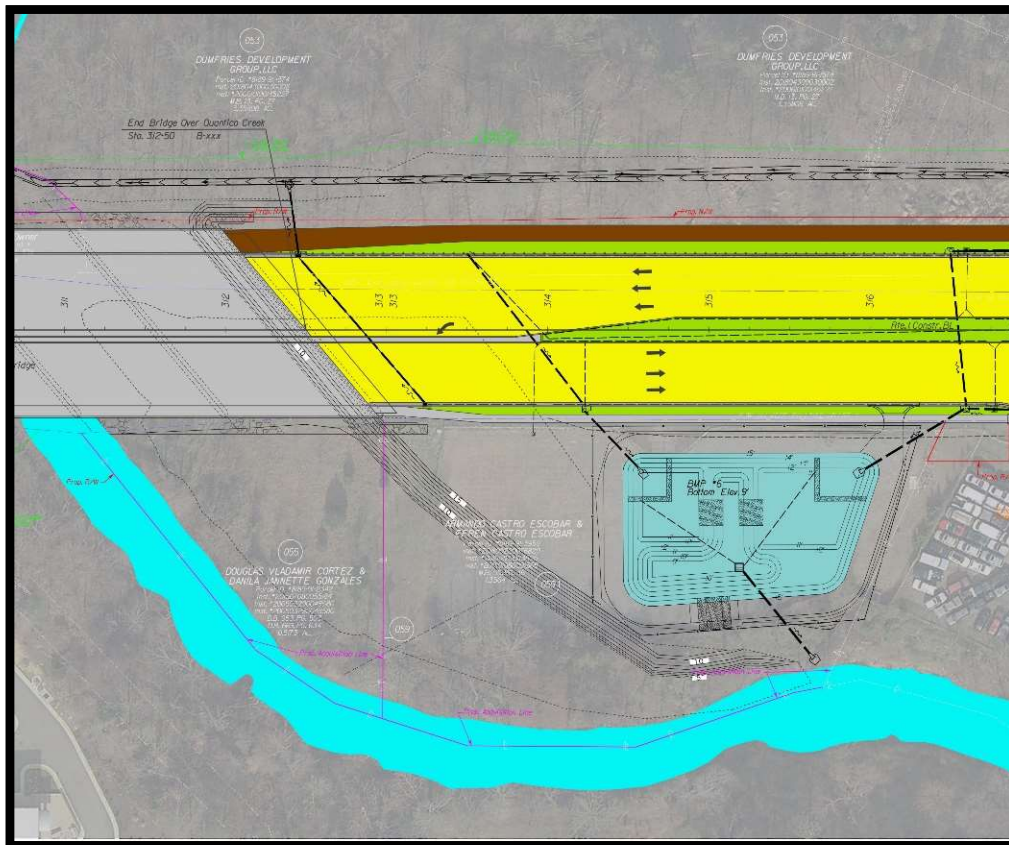
Previous Layout



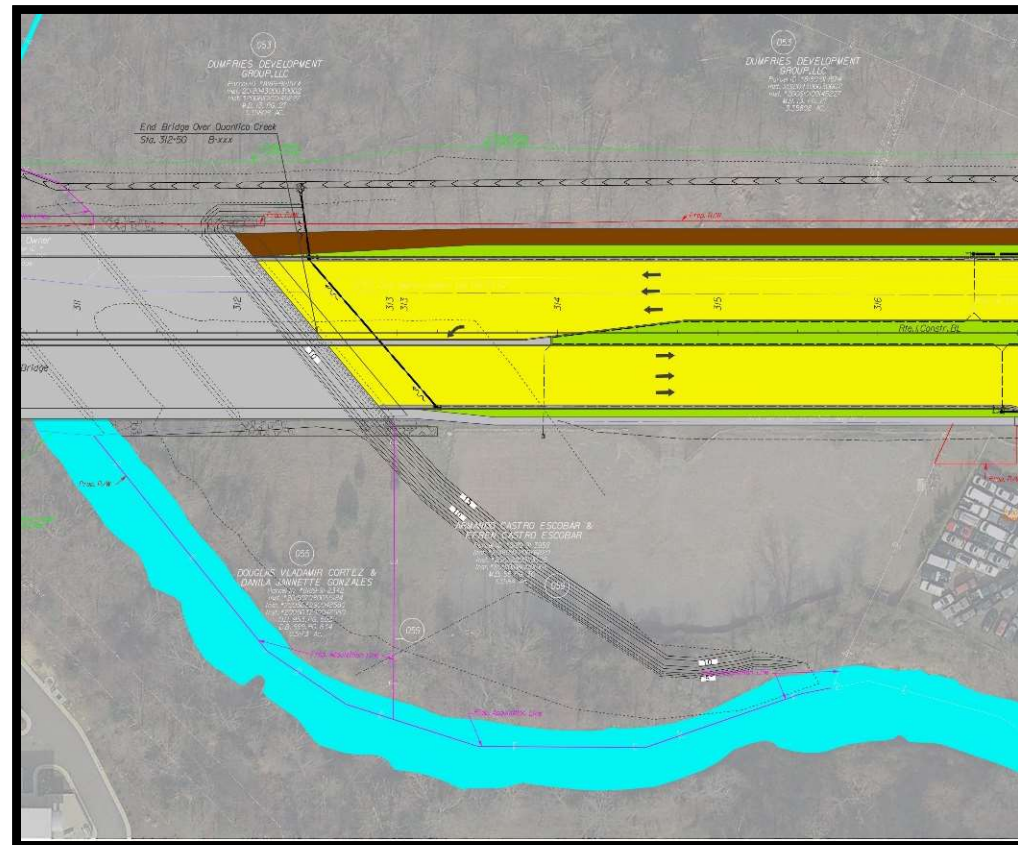
Updated Layout

Design Changes: SWM Pond # 6 Elimination

- Reduction in project impacts
- Reduction in project cost and long-term maintenance



Previous Layout

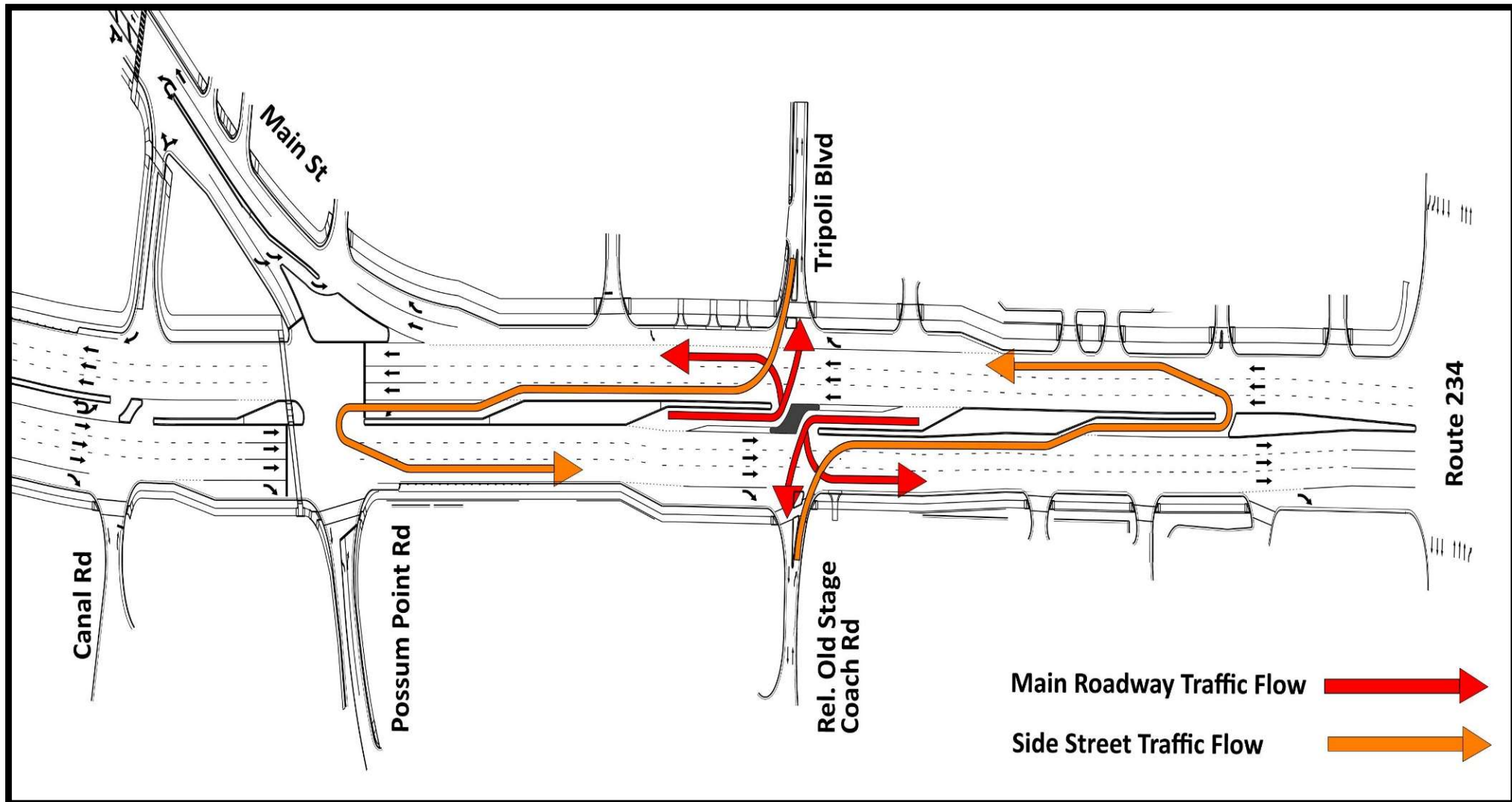


Updated Layout

Design Changes:

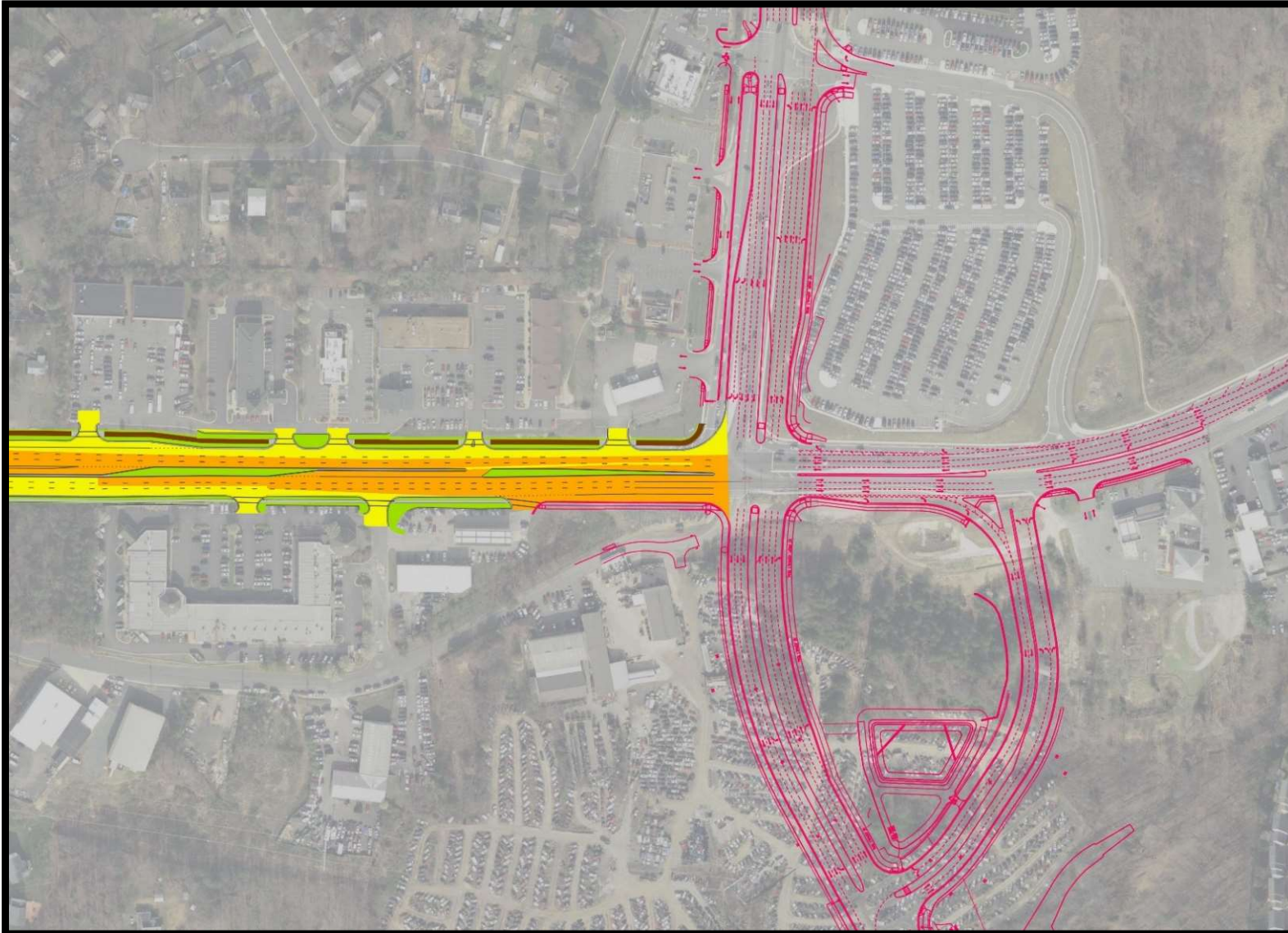
RCUT Intersection at Tripoli Blvd & Relocated Old Stage Coach Road

- RCUT (Restricted Crossing U-Turn) Intersection
- Reduction in delay and congestion for Main Roadway through traffic
- Reduction in crashes for unsafe traffic movements from Side Streets



Design Changes: Northern Tie to Route 234 Improvements

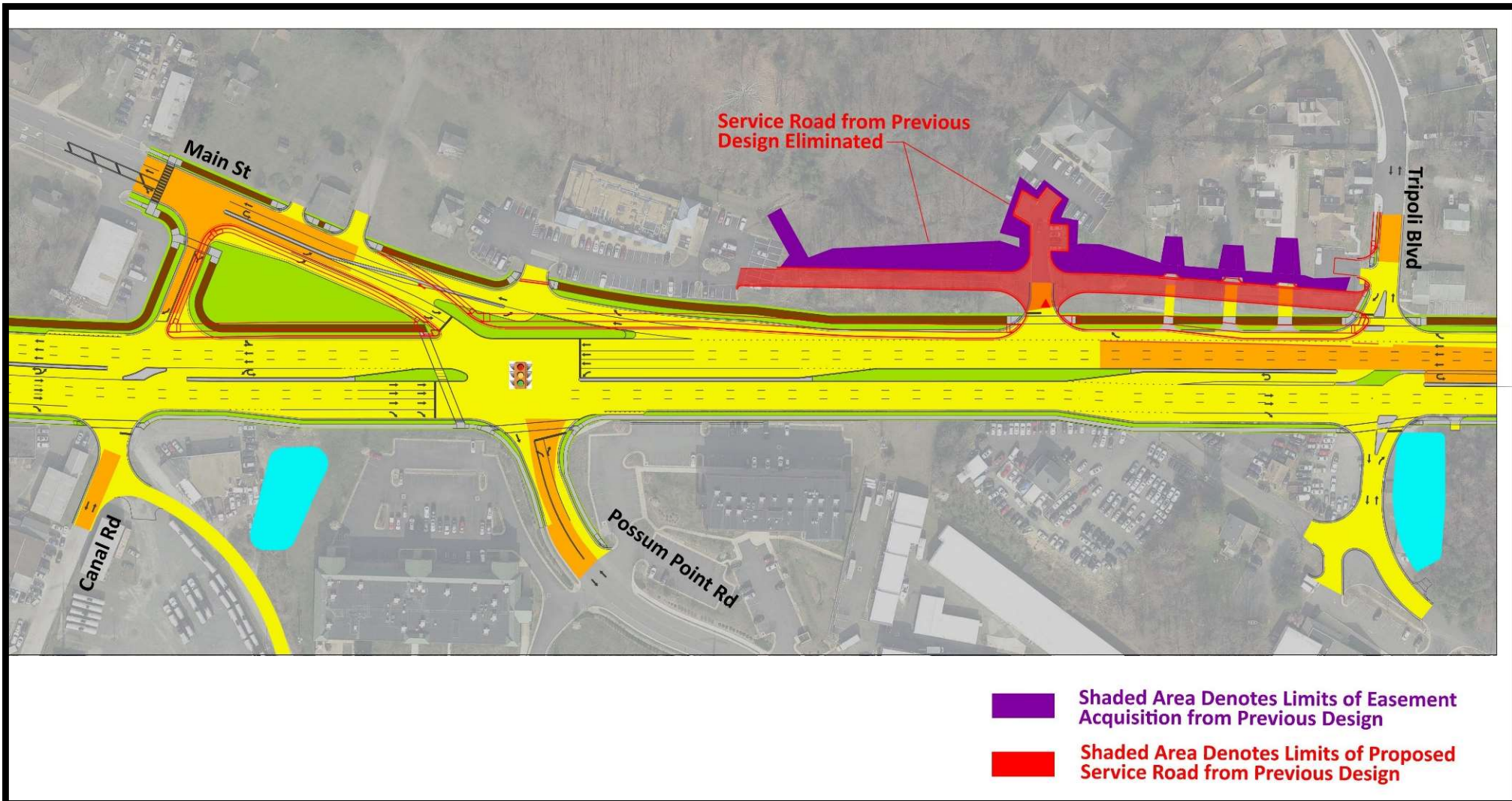
- Design updated to tie into **Route 234 Improvements** by others
- Route 234 Improvements to be completed prior to Route 1 Widening



Design Changes:

Canal Road & Possum Point Road Intersection Updates

- **Service Road** from previous design eliminated
- Reduction in property impacts and overall project cost savings

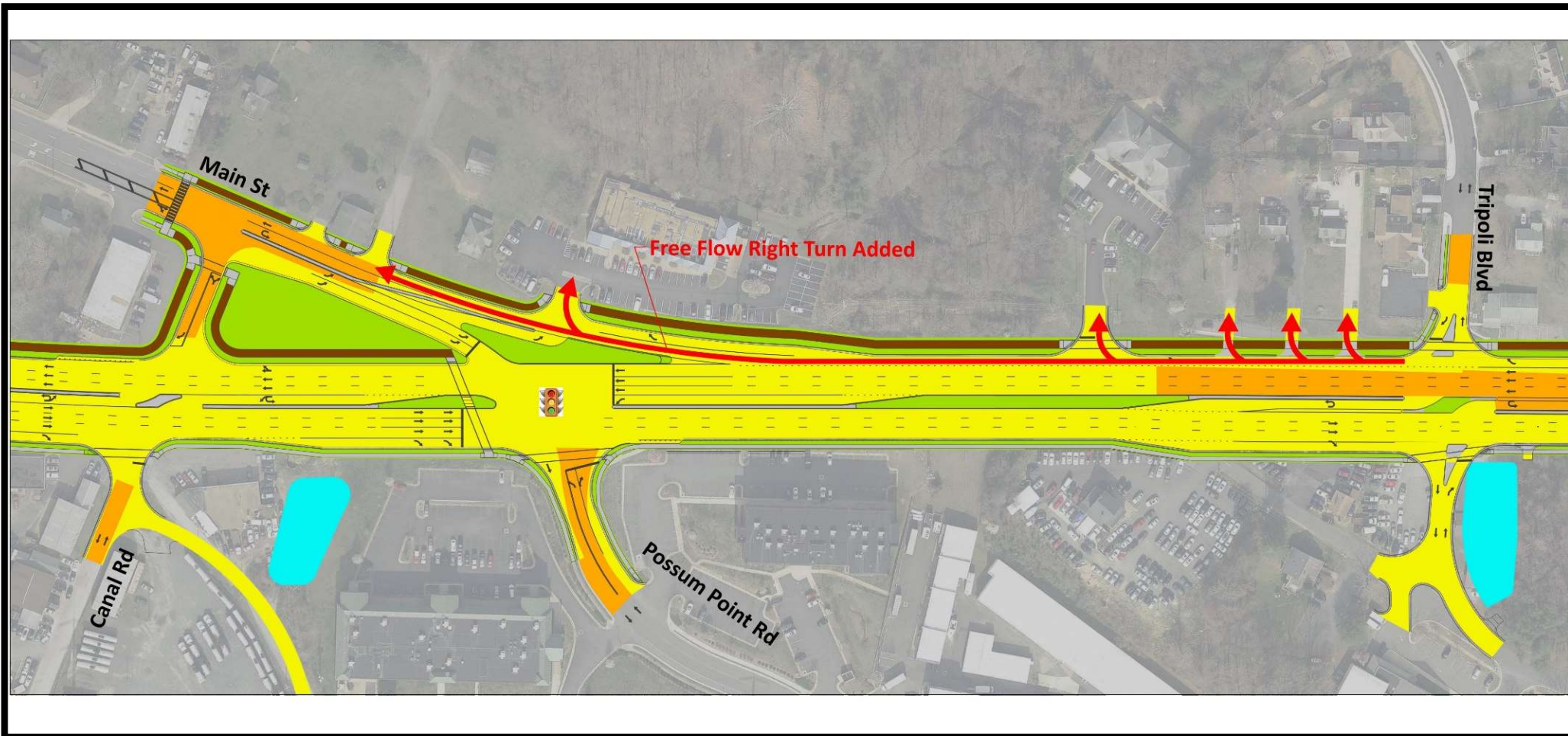


Design Changes:

Canal Road & Possum Point Road Intersection Updates



- Free Flow Southbound Right Turn lane added to replace service road
- Restores existing movement and improves traffic operations

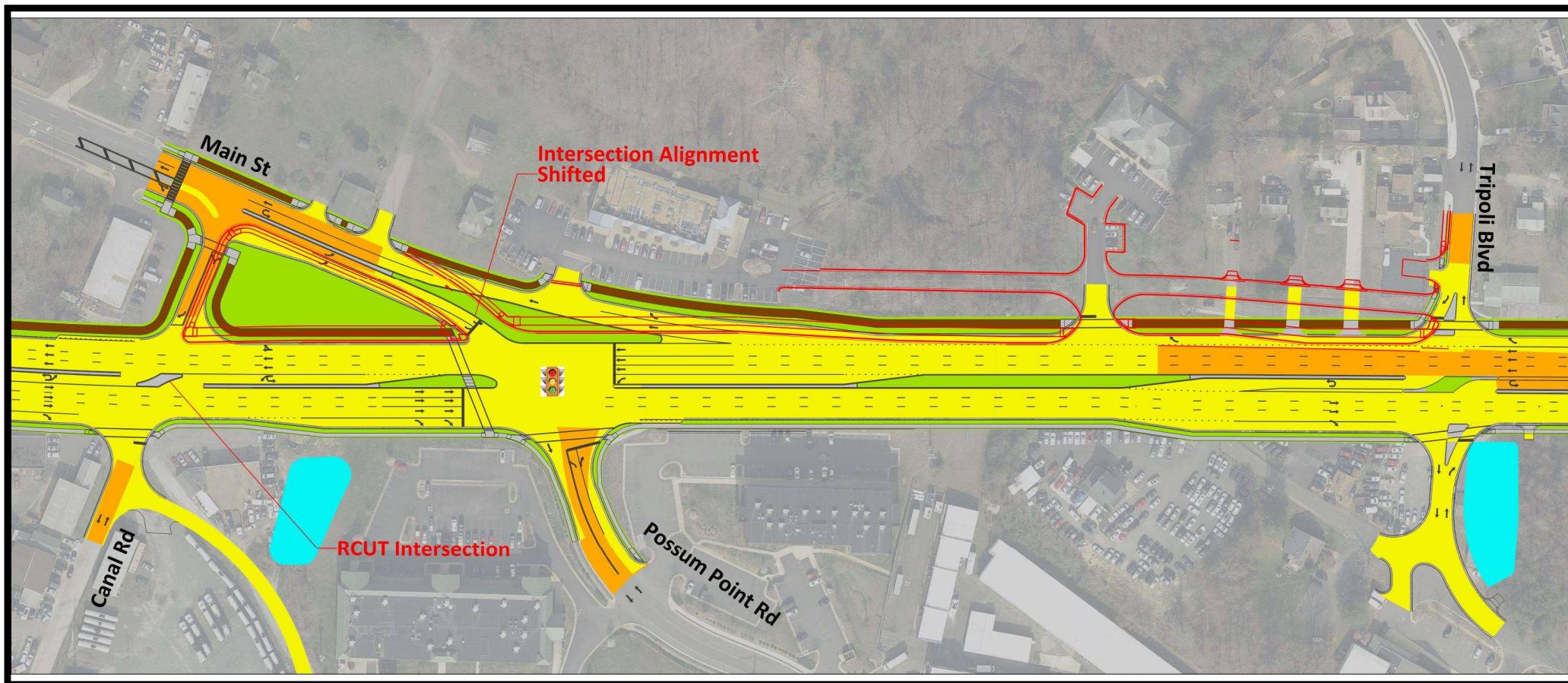


Design Changes:

Canal Road & Possum Point Road Intersection Updates



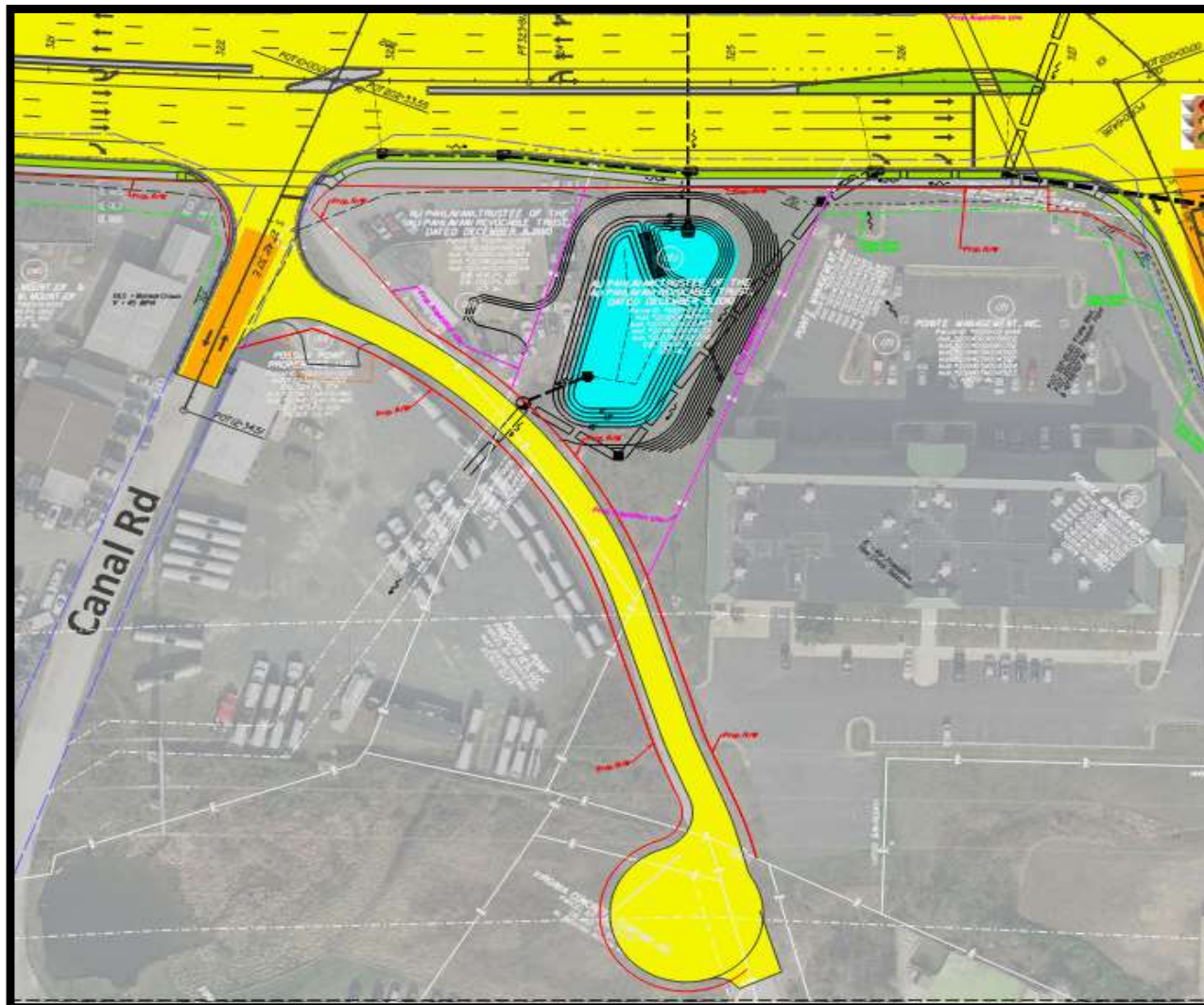
- Possum Point Rd/Main St Intersection alignment adjusted to accommodate Free Flow Right Turn Lane
- Canal Rd/Route 1 intersection converted to RCUT to improve traffic operations



Design Changes:

Gravel Access Drive Improvements off Canal Road

- Gravel Access Drive providing access to multiple businesses and Town Maintenance Facility will be upgraded to a paved roadway
- Right of Way will be acquired for acceptance of roadway in State Maintenance system



Right of Way Acquisitions



- Right of Way and easements (permanent and temporary) will be required for project construction.
- Estimated 105 affected properties with 17 anticipated total acquisitions (previously 20).
- All affected property owners will be contacted during the land acquisition process prior to construction.
- For additional information related to right of way, please contact:

Mr. Scott Hatten

Prince William County DOT
5 County Complex Court, Suite 290
Prince William, VA 22192

Email: **Shatten@pwcgov.org**

Phone: (703) 792-6257

Project Preliminary Schedule



- Virtual Information Meeting March 2022
- Initiate Right of Way Summer 2022
- Utility Relocations Begin Summer 2023
- Advertise for Construction Fall/Winter 2024
- Construction Complete Late 2026-Early 2027

Anticipated Dates subject to changes

Questions, Comments, Concerns?

Staff from Prince William County Department of Transportation, Town of Dumfries, and the Design Team are available to discuss the project and answer questions.

Written comments can be submitted to Prince William County's Project Manager,
Mr. Hoainam Nguyen.

By Email: hnguyen@pwcgov.org
Ref: Route 1/Fraley Boulevard Widening

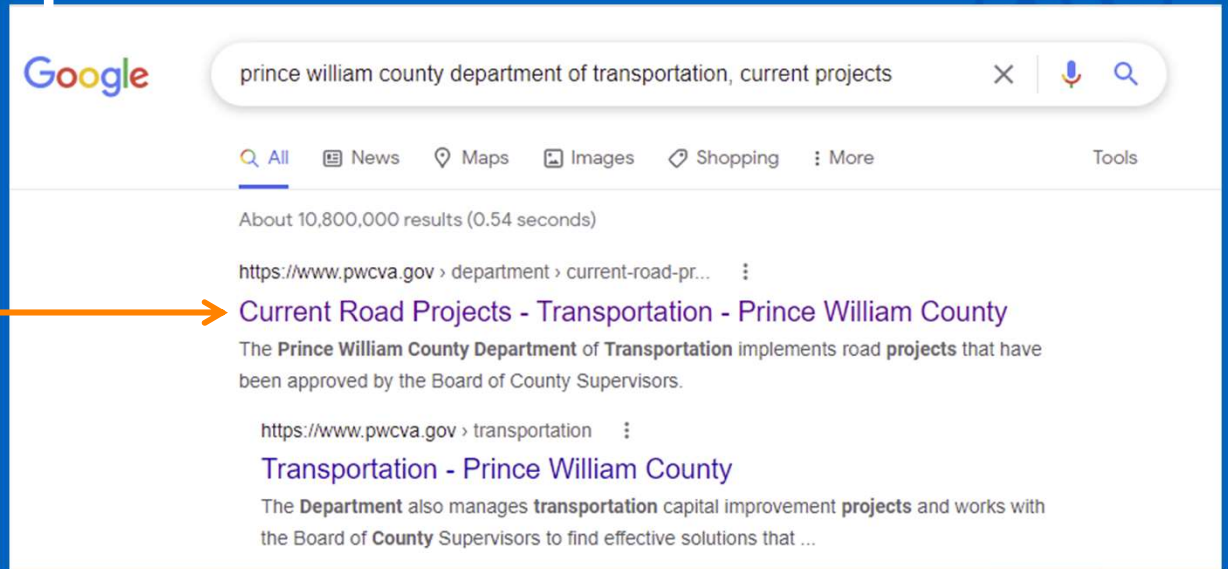
Or By Mail: **Mr. Hoainam Nguyen**
Prince William County DOT
5 County Complex Court, Suite 290
Prince William, VA 22192
Phone: (703) 792-8161



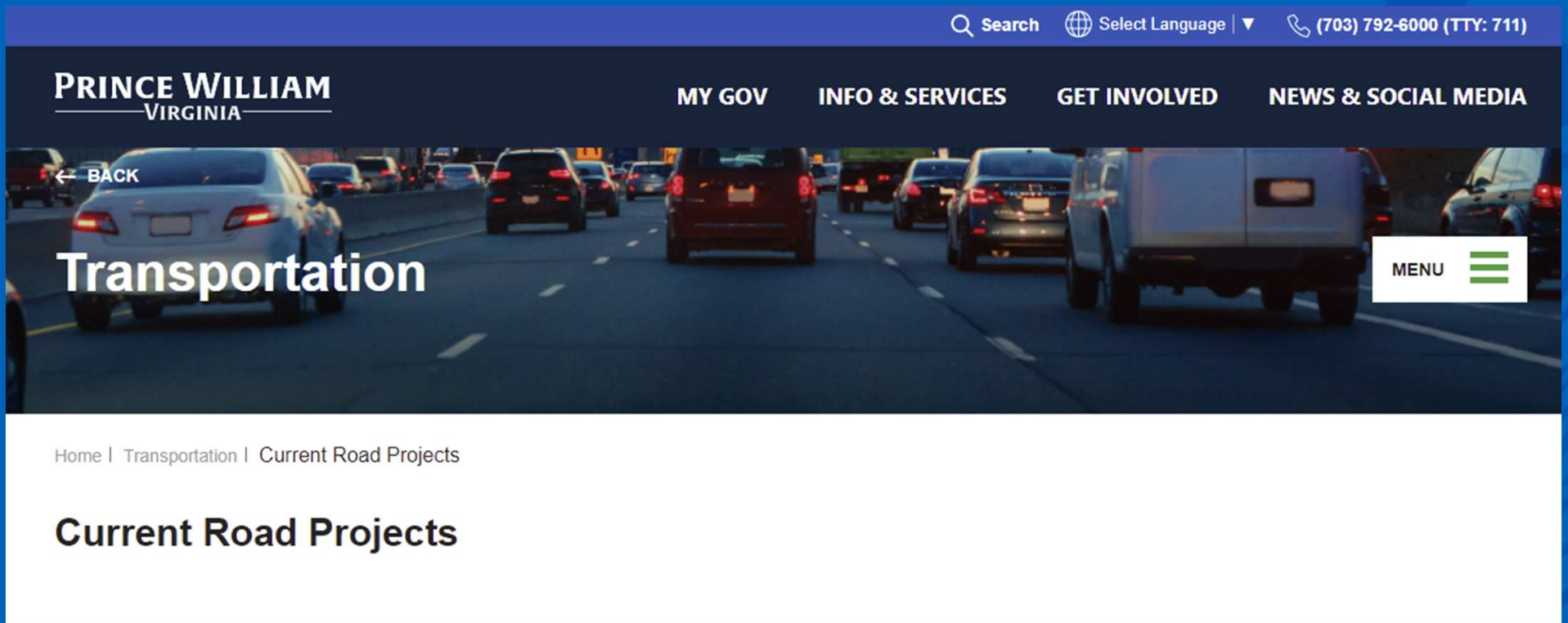
Please submit comments by
March 31, 2022

General Transportation Information

[Click here](#)



A screenshot of a Google search results page. The search bar contains the text "prince william county department of transportation, current projects". Below the search bar, there are navigation options: "All", "News", "Maps", "Images", "Shopping", and "More". The search results show "About 10,800,000 results (0.54 seconds)". The first result is titled "Current Road Projects - Transportation - Prince William County" and includes a brief description: "The Prince William County Department of Transportation implements road projects that have been approved by the Board of County Supervisors." An orange arrow points from the "Click here" text to this search result.



A screenshot of the Prince William County website's Transportation page. The header features the Prince William County logo, navigation links for "MY GOV", "INFO & SERVICES", "GET INVOLVED", and "NEWS & SOCIAL MEDIA", and contact information: "Search", "Select Language", and "(703) 792-6000 (TTY: 711)". The main content area has a background image of traffic on a road. The word "Transportation" is prominently displayed in large white text. A "BACK" link is visible in the top left, and a "MENU" button is in the top right. The breadcrumb trail reads "Home | Transportation | Current Road Projects". The main heading for the page is "Current Road Projects".