



Route 1 (Richmond Highway) From Route 234 (Dumfries road) to Neabsco Road/ Cardinal Drive Corridor Study Public Information Meeting

Wednesday, September 24, 2025

6:00 p.m. to 8:00 p.m.

Presentation at 6:30 p.m.



Tonight's Meeting

Agenda

- Team Introductions
- Opening Statement
- Richmond Highway Corridor Improvement Study
 - Study Work Group
 - Study Overview
 - Study Scope of Work
- Next Steps
- Q&A



PRINCE WILLIAM Transportation



Project Overview

The Route 1 (Richmond Highway) Traffic Study is evaluating traffic conditions along Route 1 between Neabsco Road / Cardinal Drive and Route 234. This study will identify improvements that can be advanced for funding, including widening Route 1 from 4 to 6 lanes. Improvements will be programmed in the VDOT Six-Year Improvement Program (SYIP).

This study will analyze existing conditions, and future travel needs to identify the following types of improvements:

- Traffic operations
- Safety (vehicles, pedestrians, and bicycles)
- Access management
- Multimodal

Schedule: May 2025 – June 2026



Study Area – Existing Conditions



Route 1 (Richmond Highway) from Route 234 (Dumfries Road) to Neabsco Road / Cardinal Drive

- Length – 2.7 miles
- 4 lane divided principal arterial
- Speed Limit:
 - 35 MPH – From Route 234 (Dumfries Road) to Wayside Drive
 - 40 MPH – From Wayside Drive to American Eagle Boulevard/ Celestial Drive
 - 45 MPH – From American Eagle Boulevard/ Celestial Drive to Cardinal Drive / Neabsco Road

Study Area – Traffic Counts

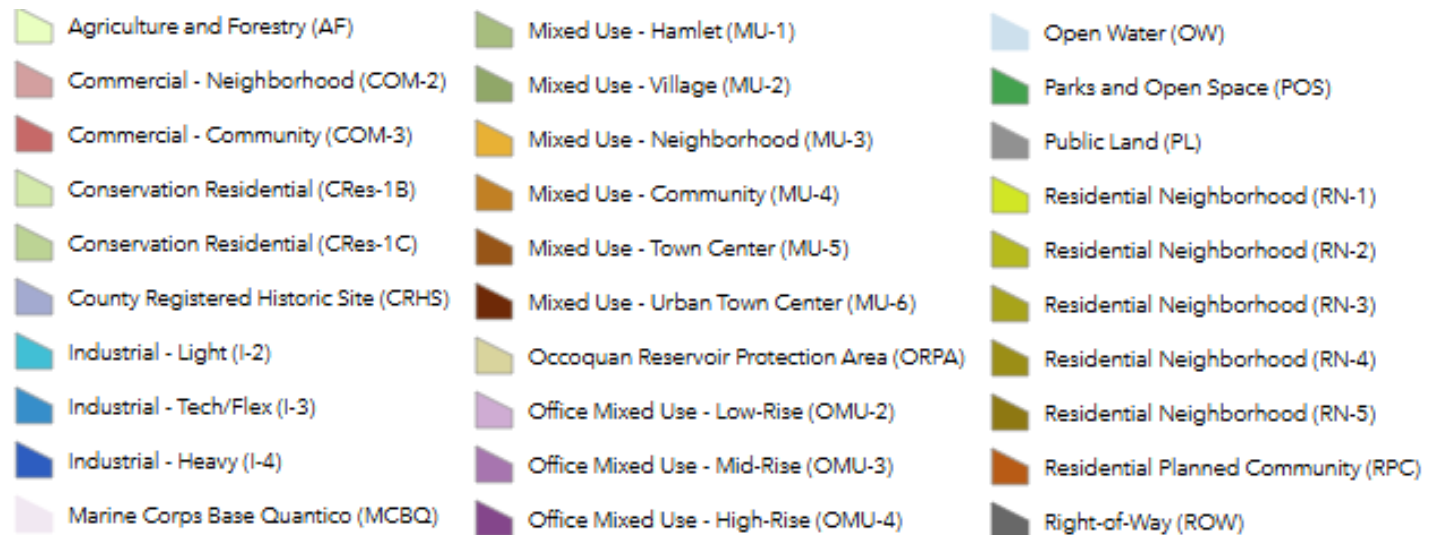
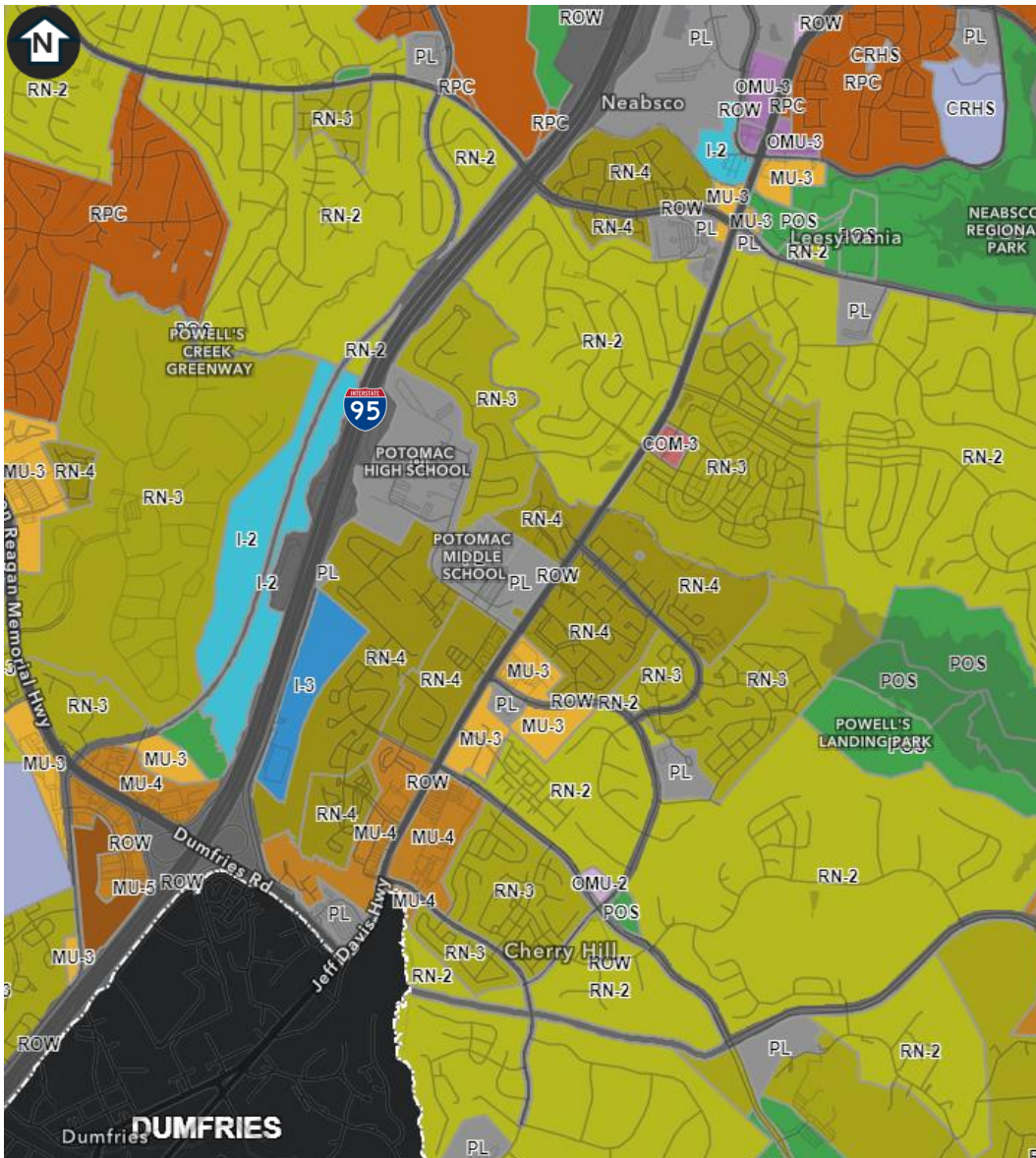


Traffic Counts (2025)

- Daily volume varies between 80,000 – 100,00 vehicles per day (VPD)
 - High for a 4-lane corridor
- 11 study intersections
 - 10 signalized
 - 1 unsignalized

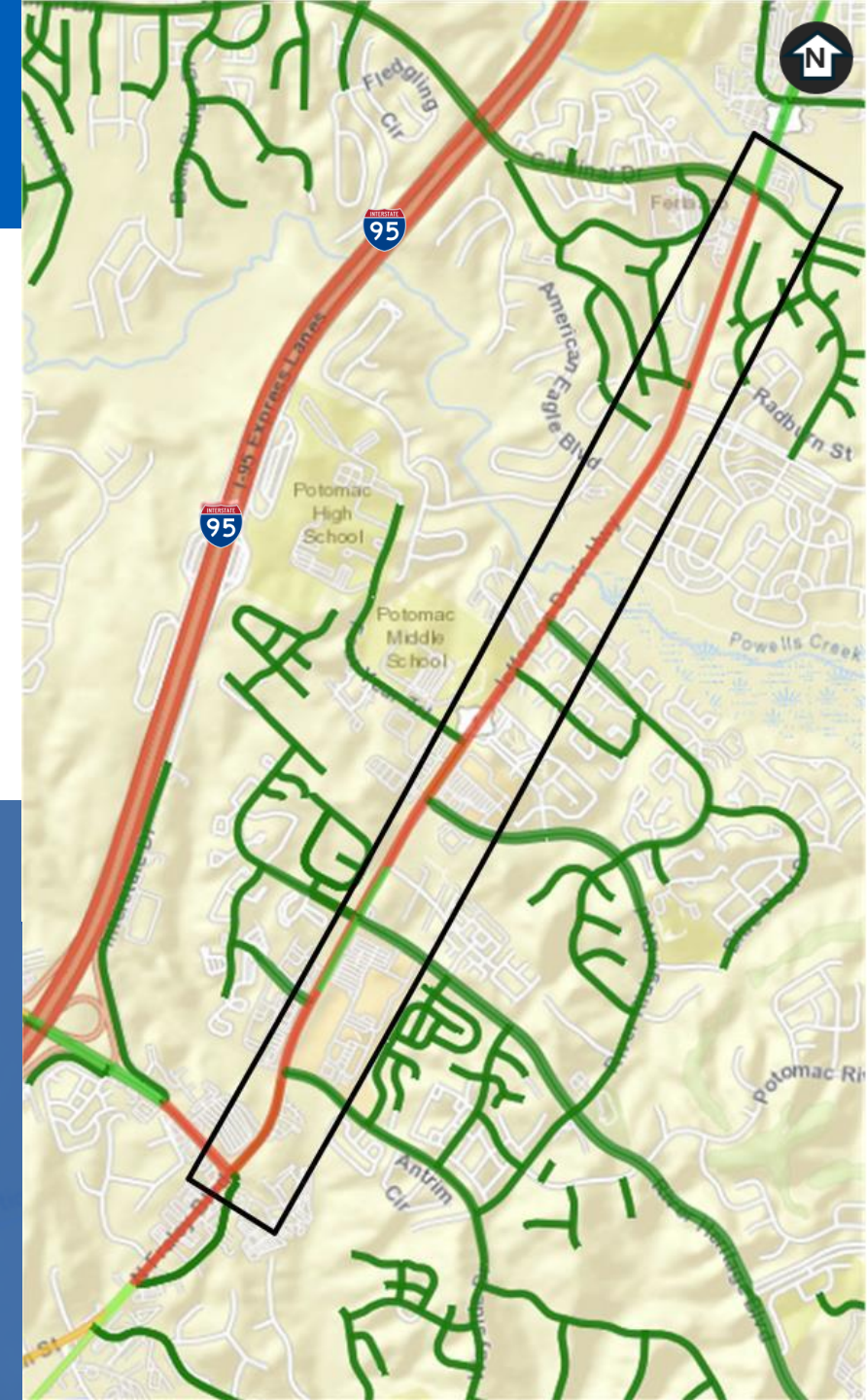
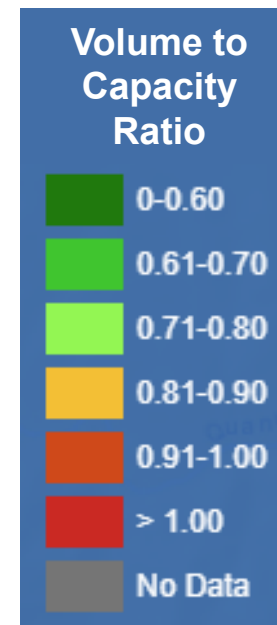
Study Area – Existing Land Use

- Mainly residential in the corridor
- The southern end includes mixed use (commercial as well as residential)
- Includes coordination with Planning Office on future Fettle Park Small Area Plan

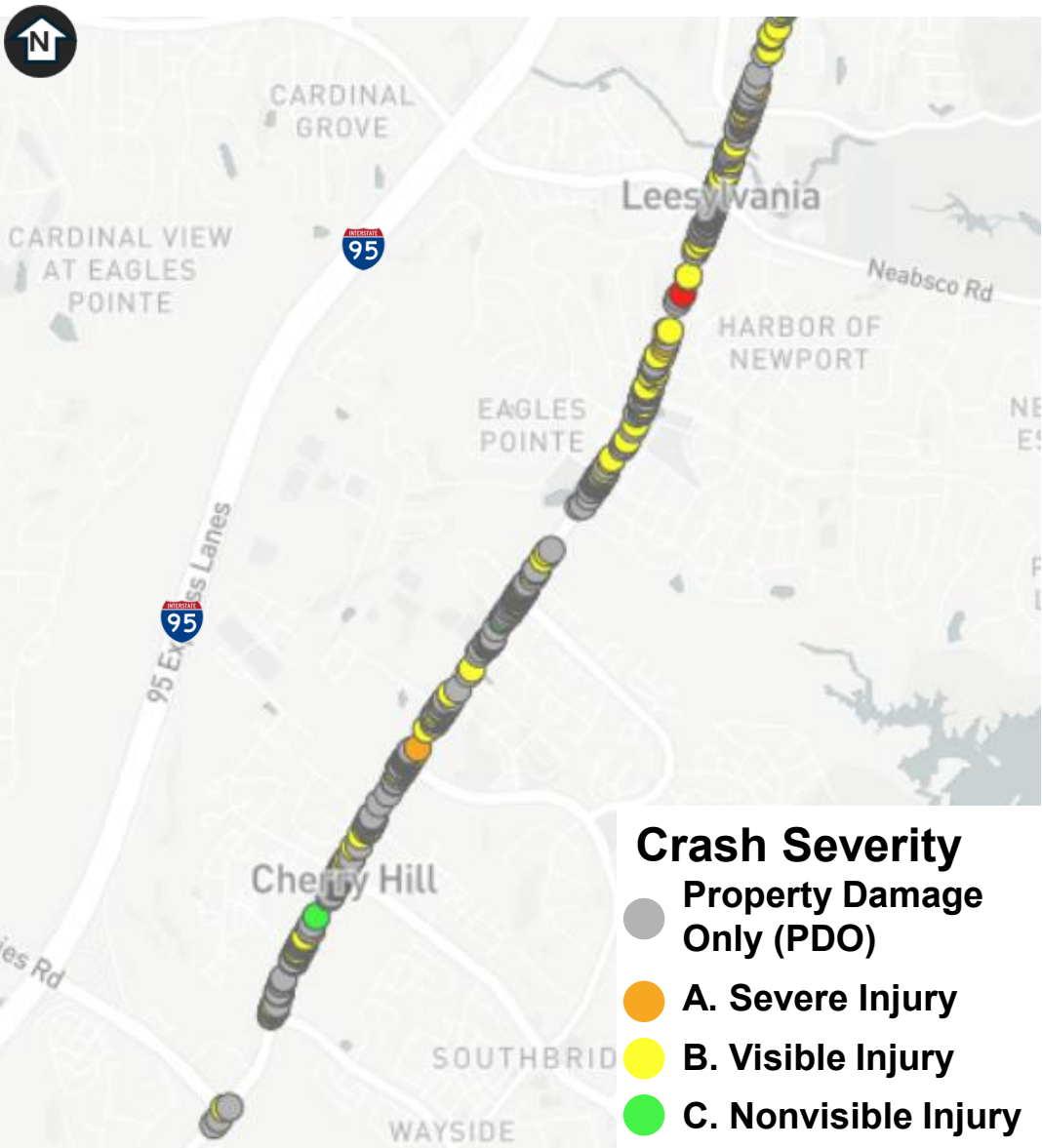


Study Area - Congestion

- Review existing traffic conditions to assess congestion in the corridor
 - **Volume to Capacity Ratio**
 - **Volume** = how many vehicles travel on the roadway
 - **Capacity** = how many vehicles the roadway can handle comfortably
 - Analysis results show that in the study area Route 1 is mainly orange-red to dark red which means it is reaching capacity or exceeding capacity

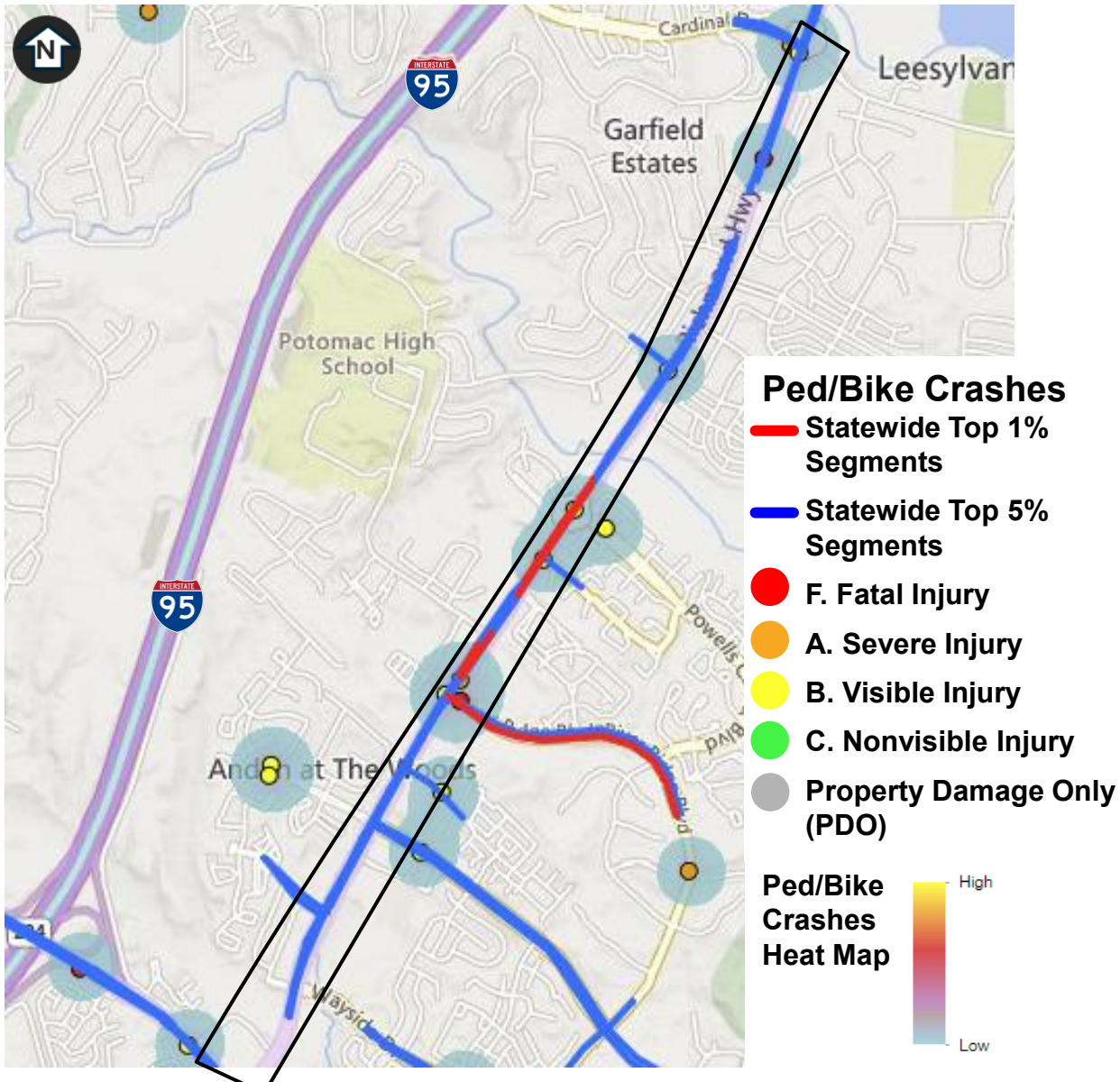


Study Area - Safety (Crash Summary)



Crash History – 2020-2025
Property Damage - 315
Injury Crash - 170
Pedestrian Injury Crash - 12
Pedestrian Fatal Crash - 1
Fatal Injury - 2

Study Area - Pedestrian and Bicycle Safety Action Plan (PBSAP)



- Part of VDOT Vulnerable Road User Safety Assessment (VRUSA), 2024-2026, a supplement to Virginia Strategic Highway Safety Plan (SHSP)
- Uses recent Census, Community Features, Roadway, Traffic and Crash Data
- Corridor includes a road segment ranked in the top 1% statewide for safety concerns
- Corridor includes several segments in the top 5% statewide for safety concerns

Scoping Overview

Framework
Document
Development

Traffic Data
Collection

Field Review

Pre-Study Kick-Off
Meeting

Study Kick-off
Meeting


Public Information
Meeting 1

Existing Conditions
Analysis –
Operations and
Safety

Traffic Forecasting

Future No-Build
Conditions Analysis
– Operations and
Safety

Development and
Screening of
Improvement
Alternatives

Future Build
Conditions Analysis
– Operations and
Safety

Concept, Cost and
Schedule
Development

Public Information
Meeting 2

Reporting

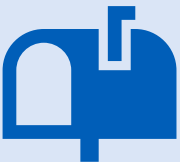
Questions, Comments, Concerns

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

Written suggestions can be submitted to Prince William County's Project Manager: **Ms. Sherry Djouharian**



Email: SDjouharian@pwcgov.org
(Reference: Route 1 Traffic Study PIM
Feedback)



Mail: Prince William County DOT
Attn: Ms. Sherry Djouharian
5 County Complex Court, Suite 290
Prince William County, VA 22192



**We kindly request
you to post your
comments by
October 3, 2025.**

PRINCE WILLIAM
COUNTY

**Route 1 (Richmond Highway) From
Route 234 (Dumfries road) to
Neabsco Road/ Cardinal Drive
Corridor Study**

Thank you!

