



COMMONWEALTH of VIRGINIA

Commonwealth Transportation Board

W. Sheppard Miller, III
Chairperson

1401 East Broad Street
Richmond, Virginia 23219

(804) 482-5818
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Agenda item # 6

RESOLUTION OF THE COMMONWEALTH TRANSPORTATION BOARD

December 4, 2023

MOTION

Made By: Mr. Kasprowicz **Seconded By:** Mr. Laird

Action: Motion Carried, Unanimously

Title: Location Approval for the Westwind Drive Extension (Loudoun County Parkway to Old Ox Road)

WHEREAS, State Highway Project 2988-053-175, PE101, RW201, C501 (UPC 111670) will extend Westwind Drive in Loudoun County, between Loudoun County Parkway (Route 607) and Old Ox Road (Route 606) (the "Project"); and

WHEREAS, in accordance with the § 33.2-208 of the *Code of Virginia* and the policies and regulations of the Commonwealth Transportation Board (CTB), including 24 VAC 30-380-10, a Combined Location & Design Public Hearing and National Environmental Policy Act (NEPA) Public Hearing (the "Hearing") was held in Ashburn, Virginia, on June 5, 2023, at Stone Hill Middle School for the purpose of considering the preferred alignment of a roadway to connect Loudoun County Parkway and Old Ox Road as shown in Attachment A, and the potential impacts of the Project; and

WHEREAS, proper notice of the Hearing and the proposed alignment to be considered was given in advance, and all those present were given a full opportunity to express their opinions and recommendations on the Project, and their statements have been duly recorded; and

WHEREAS, the economic, social and environmental effects of the Project have been examined and given proper consideration and this evidence, along with all other relevant evidence has been carefully reviewed; and

WHEREAS, the Project is in compliance with the NEPA requirements and an Environmental Assessment was prepared by Loudoun County's Department of Transportation and Capital Infrastructure and approved for public availability on August 17, 2022; and

WHEREAS, the Loudoun County Board of Supervisors voted to endorse the proposed location and major design elements of the Project, as generally presented at the Hearing, as provided in Attachment B; and

WHEREAS, review of all data resulted in VDOT's recommendation that the Project be located on the preferred alignment as proposed and presented at the Hearing.

NOW, THEREFORE, BE IT RESOLVED, that the CTB hereby approves the location of the extension of Westwind Drive as proposed and presented at the Hearing and shown as the preferred alignment in Attachment A.

#####

Commonwealth Transportation Board (CTB) Decision Brief

Location Approval for the Westwind Drive Extension

Issue: The Westwind Drive Extension project proposes a number of transportation improvements along Westwind Drive in Loudoun County, from Loudoun County Parkway (Route 607) to Old Ox Road (Route 606), including a new section of Westwind Drive from State Street to Ladbrook Drive. Pursuant to § 33.2-208 of the *Code of Virginia*, the Commonwealth Transportation Board (CTB) is required to locate and establish the routes to be followed by the highways comprising the systems of state highways.

Facts:

- The major elements of the Westwind Drive Extension project include a new bridge over Broad Run (the only un-tolled crossing between Waxpool Road and the Loudoun County Parkway/Old Ox Road split), a new signal at the intersection of Westwind Drive and State Street, a roundabout at the new intersection of Westwind Drive and Ladbrook Drive, and expanded pedestrian access between Loudoun County Parkway and Old Ox Road (the “Project”). The new section of Westwind Drive shall include grading and construction of four (4) 12-foot lanes of divided collector roadway with 15-foot median, 10-foot shared use path and 6-foot of sidewalk.
- The Project provides an important missing link in the regional road network by directly linking the roadways between two Metrorail Silver Line stations (Loudoun Gateway Station and Ashburn Station) through the connection of Loudoun County Parkway (Route 607) and Old Ox Road (Route 606).
- A connection between Loudoun County Parkway and Old Ox Road has been the subject of planning documents for over 35 years since the Dulles North Area Management Plan identified the facility’s location in 1985. Additionally, this Project will address Loudoun County’s transportation goals and objectives, as the extension of Westwind Drive was continually included in the County’s Capital Improvement and Countywide Transportation Plans.
- Based on the Loudoun County General Plan 2019, future land uses in the Project area are expected to increase in density, therefore necessitating the expansion of roadway infrastructure to maintain adequate service capacity in the area.

Recommendations: VDOT recommends approval of the location of the Westwind Drive Extension as presented at the June 5, 2023, Location and Design Public Hearing (the “Hearing”) and depicted in Attachment A.

Action Required by CTB: Section 33.2-208 of the *Code of Virginia*, requires a majority vote of the CTB to locate and establish the routes to be followed by the roads comprising systems of state highways between points designated in the establishment of such systems.

Result, if Approved: If approved by the Board, the Project will move forward to the final design phase.

Options: Approve, Deny or Defer

Public Comments/ Reaction: The Hearing was held on June 5, 2023, at the Stone Hill Middle School located in Loudoun County. Those that attended were able to view displays for the proposed Project, which included all design aspects of the Project, and the opportunity to ask questions and provide comments.

Twenty-two (22) citizens attended the hearing. There were twenty (20) written and twenty-two (22) oral comments received for the record. There were ten (10) comments in opposition of the Project as a whole and the remaining comments were in support of the Project with design modifications.

The Loudoun County Board of Supervisors voted to endorse the Project location as generally presented at the Hearing (see Attachment B.)

CTB PUBLIC HEARING SUMMARY

Westwind Drive Extension

Loudoun County

State Project: 2988-053-175, PE101, RW201, C501

UPC: 111670

Federal Project: STP-5B01

Fr: Loudoun County Parkway (Route 607)

To: Old Ox Road (Route 606)

Project Length: Approx. 6300 feet (1.2 miles)

PROJECT HISTORY –

A connection between Loudoun County Parkway (Route 607) and Old Ox Road (Route 606) at Westwind Drive has been included in, or been, the subject of planning documents for over 35 years, and approximately 41% of the proposed corridor is along areas of reserved right-of-way for the extension. The facility's location was first identified in 1985 in the Dulles North Area Management Plan and has been included in Loudoun County's Capital Improvement Program (CIP) and Countywide Transportation Plans (CTP). Additionally, the presence of two Silver Line Metrorail Stations – the Loudoun Gateway Station and Ashburn Station – provides the opportunity to develop transit-oriented urban environments. Recent developments near the project area are characterized by a mixture of commercial, recreational, and high-density housing uses for transit-oriented development. Based on the Loudoun County General Plan 2019, future land uses in the project area are expected to increase in density, therefore necessitating the expansion of roadway infrastructure to maintain adequate service capacity in the area.

PROJECT PURPOSE –

The purpose of this project is to provide an important missing link in the regional road network in directly linking the roadways between two Metrorail Silver Line stations – Loudoun Gateway Station and Ashburn Station – by connecting Loudoun County Parkway (Route 607) and Old Ox Road (Route 606). The project proposes a new section of Westwind Drive from State Street to Ladbrook Drive, a new bridge over Broad Run (the only un-tolled crossing between Waxpool Road and the Loudoun County Parkway / Old Ox Road split), a roundabout at the new intersection of Westwind Drive and Ladbrook Drive and expanded pedestrian access between Loudoun County Parkway and Old Ox Road. The project further provides additional improvements along existing sections of Westwind Drive and Ladbrook Drive including drainage improvements, stormwater management facilities, and traffic signal modifications within the project limits.

TYPICAL SECTION –

- 120 feet of right of way
- 4-lane divided road
- 16 foot median to allow for a single left-turn lane
- 10 foot shared-use path on the west side of Westwind Drive
- 6 foot sidewalk on the east side of Westwind Drive

PUBLIC HEARING –

Type – Location and Design

Date – June 5, 2023

Time – 6:30 pm to 7:30 pm

Location – Stone Hill Middle School, 23415 Evergreen Ridge Drive in Ashburn, Virginia

ATTENDANCE – Twenty-Two (22) citizens, in addition to County, VDOT and Consultant staff.

COMMENTS RECEIVED – Twenty-two (22) citizens attended the hearing. There were twenty (20) written and twenty-two (22) oral comments received for the record. There were ten (10) comments in opposition of the project as a whole and the rest comments received in support of the project with design modifications.

ENVIRONMENTAL DATA – The proposed project is programmed with federal funding and therefore the National Environmental Policy Act (NEPA) applies. The environmental document for this project is an Environmental Assessment (EA), which has been signed by the Federal Highway Administration (FHWA) on August 17, 2022.

ESTIMATED COST –

Preliminary Engineering	- \$12.1 Million
Right of Way	- \$37.2 Million
Utility Relocation	- \$3.4 Million
Construction	- \$69.5 Million
Total estimated cost	- \$122.2 Million

ADVERTISEMENT – Construction is currently scheduled to begin in mid-2027.

RIGHT OF WAY – No families, businesses and/or non-profit organizations will be displaced as a result of this project development.

TRAFFIC DATA – It is anticipated that in the design year of 2045 the average daily traffic volume will be 28,990 vehicles per day on the new roadway. This is an increase over the current average daily traffic of 3,300 vehicles per day

STAFF RECOMMENDS – Approval of the current alignment as the location of the Westwind Drive Extension as proposed and presented at the public hearing.



Loudoun County, Virginia

www.loudoun.gov

Office of the County Administrator

1 Harrison Street, S.E., 5th Floor, P.O. Box 7000, Leesburg, VA 20177-7000

Telephone (703) 777-0200 • Fax (703) 777-0325

At a business meeting of the Board of Supervisors of Loudoun County, Virginia, held in the County Government Center, Board of Supervisors' Meeting Room, 1 Harrison St., S.E., Leesburg, Virginia, on Tuesday, September 19, 2023, at 4:00 p.m.

IN RE: Location and Design Endorsement – Westwind Drive from Loudoun County Parkway to Old Ox Road (2011: Dulles / 2022: Sterling)

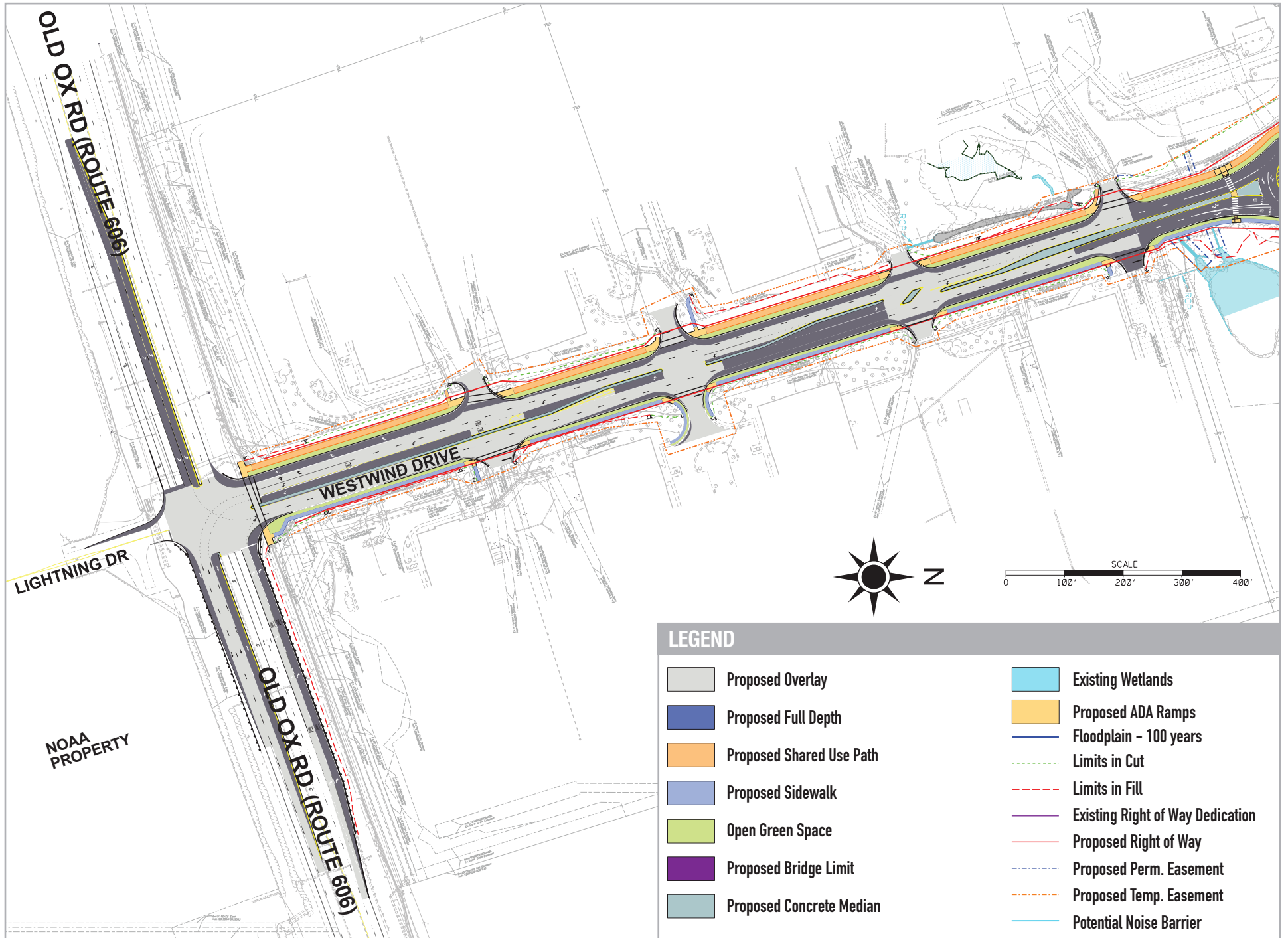
Chair Randall moved that the Board of Supervisors endorse the proposed location and major design elements for the Westwind Drive project from Loudoun County Parkway to Old Ox Road, as presented in the September 19th, 2023, Board of Supervisors Business Meeting Action Item, and direct staff to proceed with the completion of the final design and construction documents.

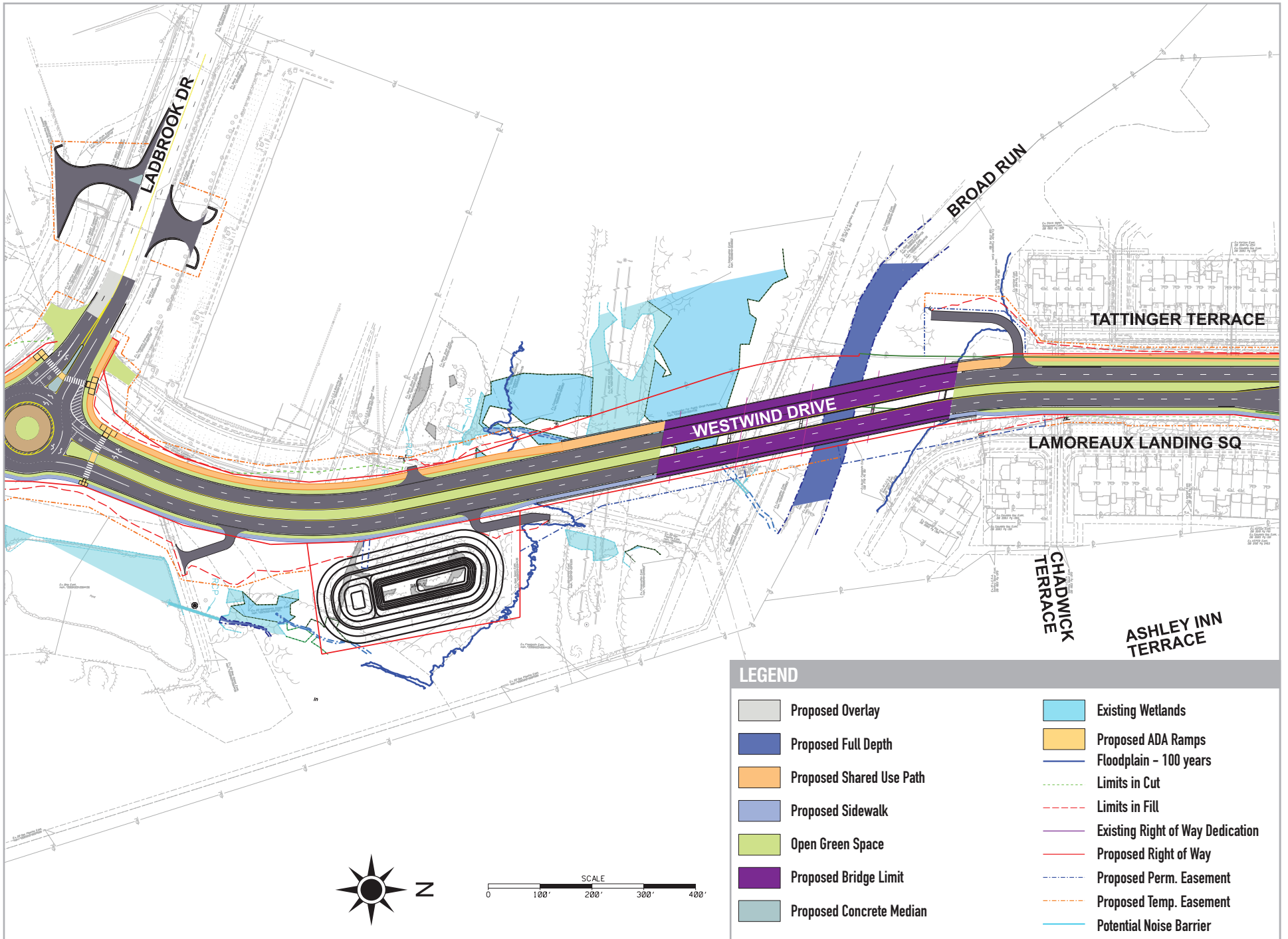
Seconded by Supervisor Buffington


















Voting on the Motion: Supervisors Briskman, Buffington, Glass, Kershner, Letourneau, Randall, Turner, and Umstadd – Yes; None – No; Vice Chair Saines – Absent for the vote.

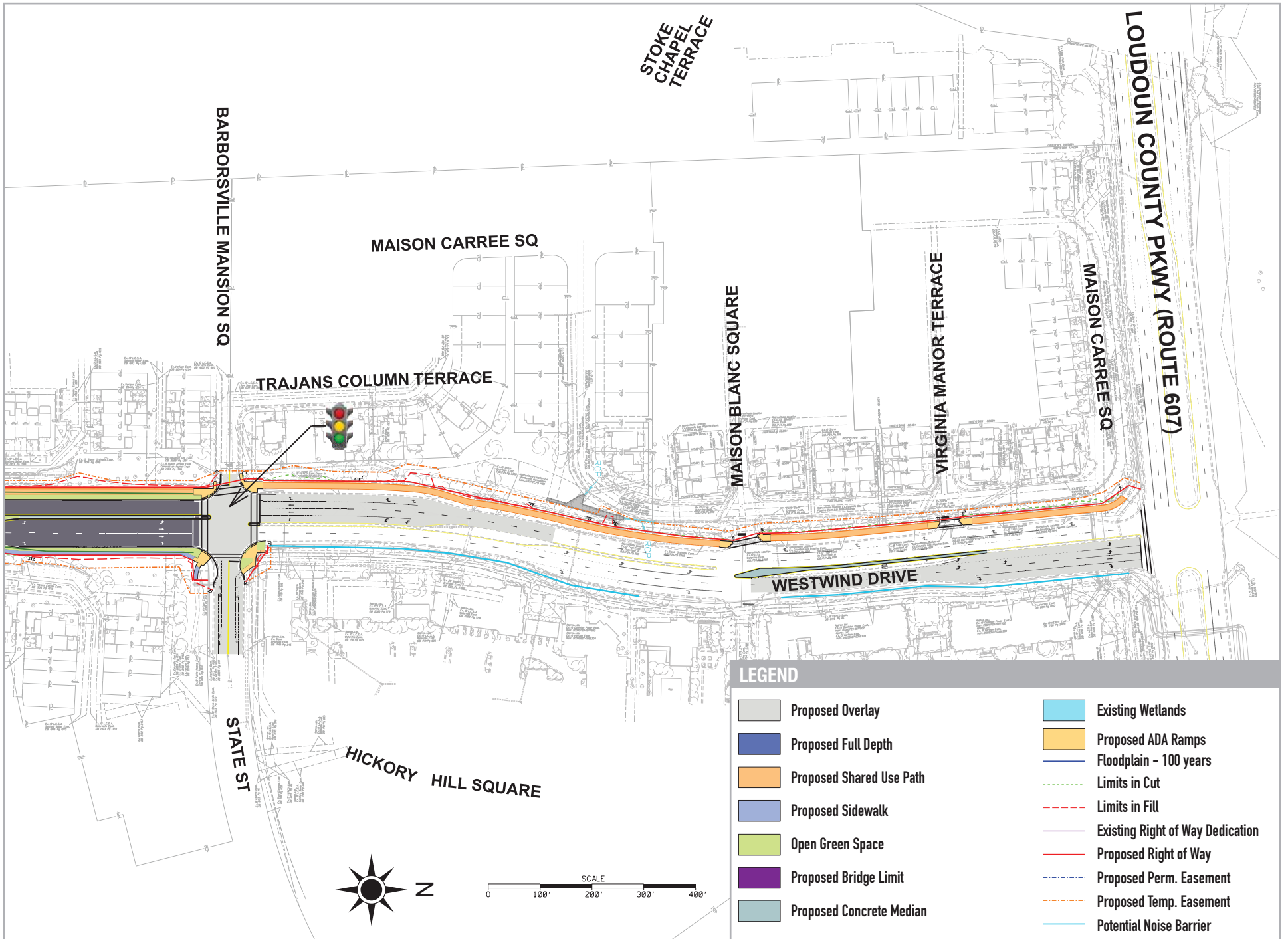
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DEPUTY CLERK TO THE LOUDOUN COUNTY
BOARD OF SUPERVISORS





LEGEND			
	Proposed Overlay		Existing Wetlands
	Proposed Full Depth		Proposed ADA Ramps
	Proposed Shared Use Path		Floodplain - 100 years
	Proposed Sidewalk		Limits in Cut
	Open Green Space		Limits in Fill
	Proposed Bridge Limit		Existing Right of Way Dedication
	Proposed Concrete Median		Proposed Right of Way
			Proposed Perm. Easement
			Proposed Temp. Easement
			Potential Noise Barrier





COMMONWEALTH of VIRGINIA

DEPARTMENT OF TRANSPORTATION

Stephen C. Brich, P.E.
Commissioner

1401 East Broad Street
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December 1, 2023

The Honorable W. Sheppard Miller, III
The Honorable E. Scott Kasprowicz
The Honorable Greg Yates
The Honorable Mary Hughes Hynes
The Honorable Raymond D. Smoot, Jr.
The Honorable Mark H. Merrill
The Honorable Frederick T. Stant, III
The Honorable Tom Fowlkes
The Honorable Burwell Wayne Coleman
The Honorable H. Randolph Laird
The Honorable Thomas Moore Lawson
The Honorable Darrell R. Byers
The Honorable Laura A. Sellers
The Honorable Joel "Rex" Davis
The Honorable Linda Green
The Honorable Stephen C. Brich, P. E.
The Honorable Jennifer DeBruhl

Subject: Location Approval for the Westwind Drive Extension in Loudoun County.

Dear Commonwealth Transportation Board Members:

The Department has initiated the above request for Location Approval for your consideration. The proposed Location Approval on State Highway Project 2988-053-175, PE101, RW201, C501; (UPC# 111670) has been recommended for approval by the Department's staff.

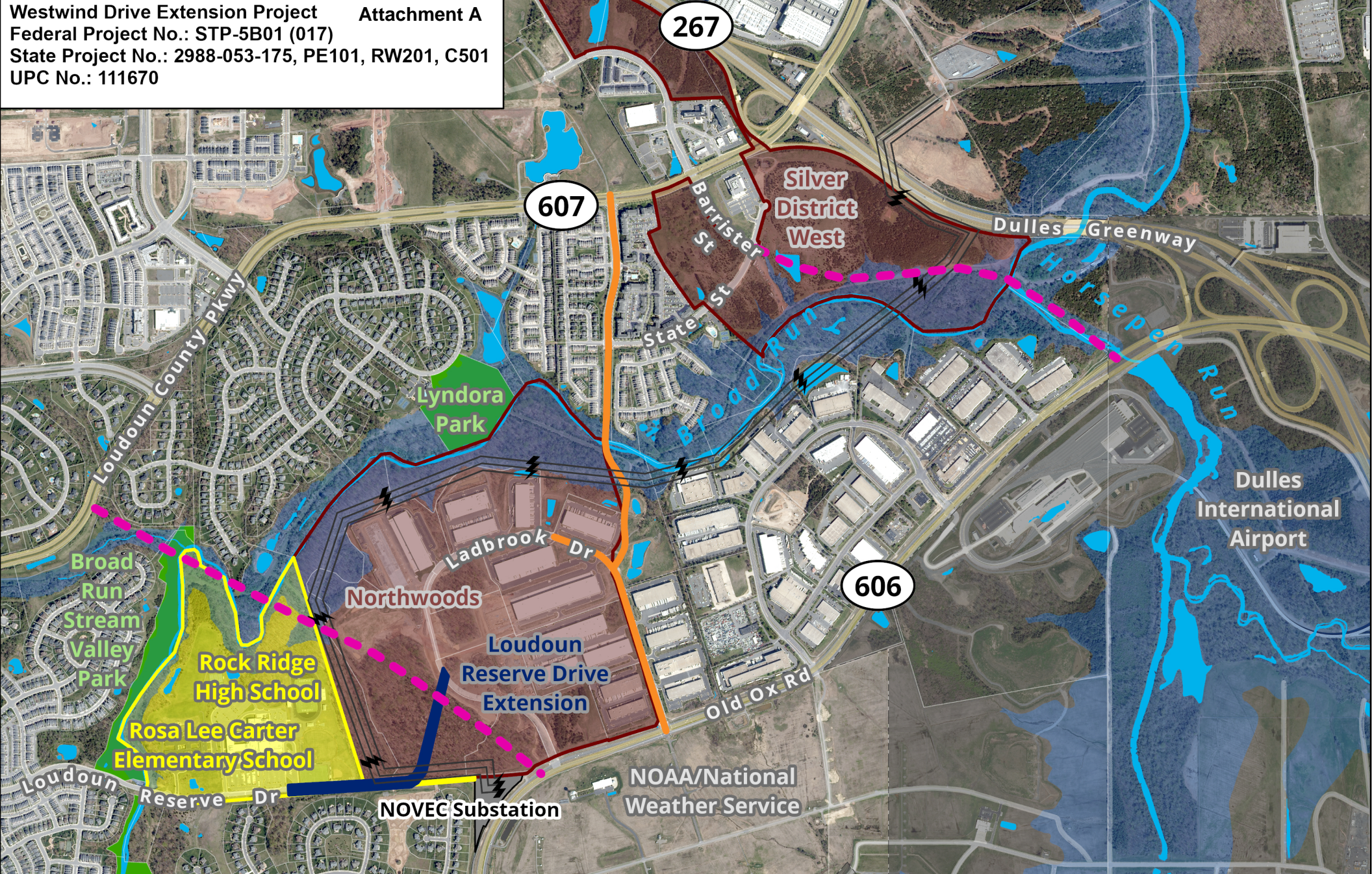
I have reviewed the staff's recommendations and determined that this request should be considered by the Board.

Sincerely,

Barton A Thrasher
2023.11.16 16:37:08-05'00'

Barton A. Thrasher, P.E.
Chief Engineer

Westwind Drive Extension Project Attachment A
 Federal Project No.: STP-5B01 (017)
 State Project No.: 2988-053-175, PE101, RW201, C501
 UPC No.: 111670



- Preferred Alignment
- - - Potential Alternative Alignment (Conceptual)
- Approved Development Project
- Park
- NHD-mapped Water
- FEMA-mapped 100-year Floodplain
- ⚡ Dominion Energy Transmission Line

