



I-495 EXPRESS LANES NORTHERN EXTENSION (495 NEXT)

Transportation Management Plan

Montgomery County TMD Advisory Committee

Virginia Department of Transportation
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May 25, 2023

Northern Virginia Regional Express Lanes Network

- 90+ mile Express Lanes network planned in Northern Virginia
- 84 miles in service
 - I-95, I-395, I-495, I-66 Inside the Beltway, I-66 Outside the Beltway
- 13 miles under construction
 - I-95 to Fredericksburg (10 miles to be in service August 2023)
 - I-495 Northern Extension (2.5 miles to be in service late 2025)
 - I-95 Express Lanes/Opitz Boulevard Ramp (to be in service Fall 2024)
- Under study
 - I-495 Southside Express Lanes
 - I-95 Bi-Directional Study
- Three independent operators



Virginia Department of Transportation

495 NEXT Project Overview

- Approximately \$660 million, 2.5-mile extension of 495 Express Lanes from I-495 and Dulles Corridor interchange to George Washington Memorial Parkway in the vicinity of the American Legion Bridge
- Creating additional express lanes access at Dulles Toll Road and Dulles Access Road interchange, and George Washington Memorial Parkway interchange
- Public-private partnership project between VDOT and Transurban through 2087

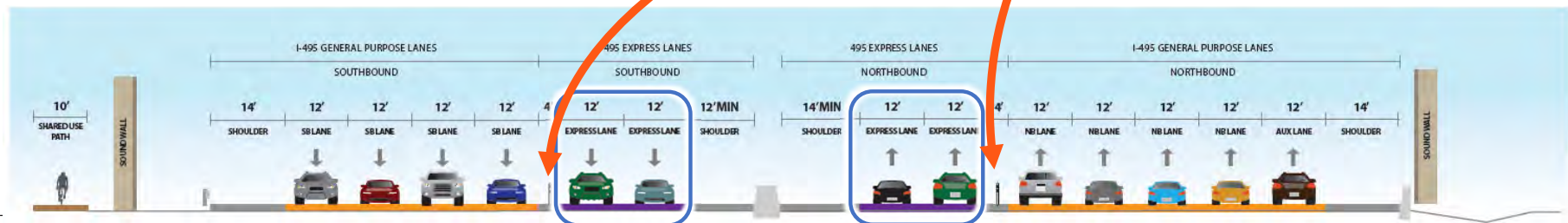
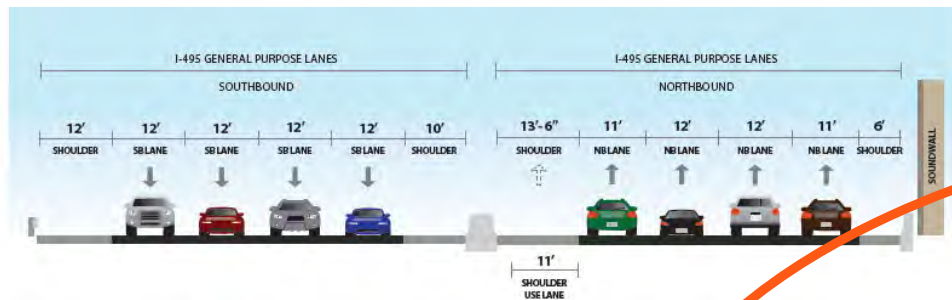


Other Project Benefits

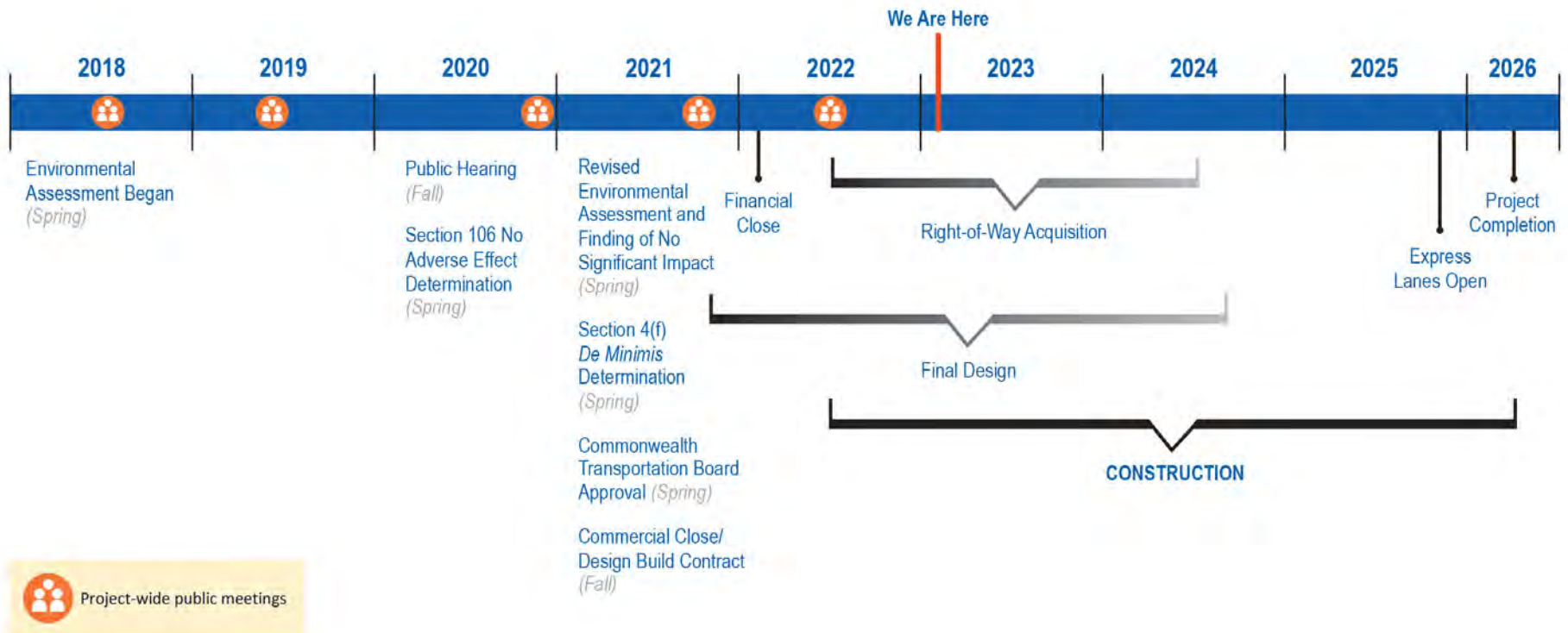


495 NEXT Project Overview

- Two dynamically tolled lanes in each direction on I-495
- Currently, trucks with 3 or more axles not permitted
- Free use for HOV-3+ vehicles and transit vehicles



495 NEXT Project Timeline



First Year Construction Highlights

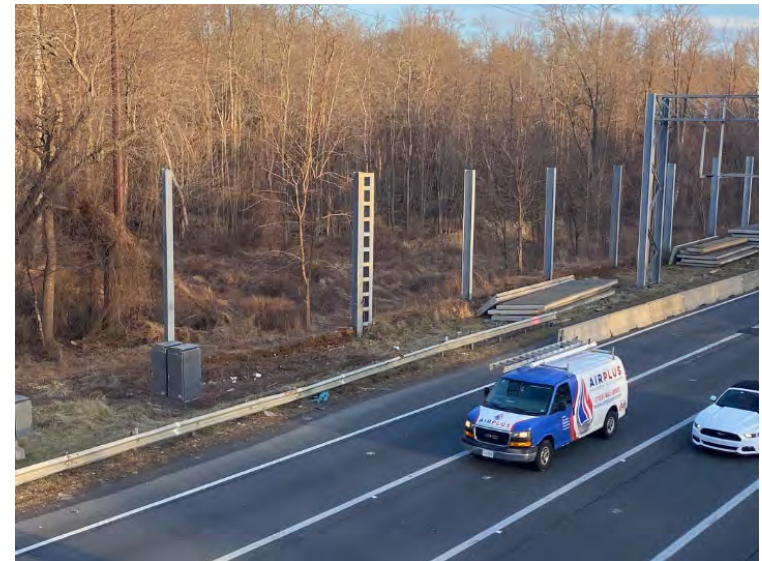
- **Construction Start: March 2022**
- **Major Milestones Completed:**
 - Realignment of Beltway and ramps to maximize traffic flow during construction
 - Georgetown Pike bridge center pier
 - Live Oak Drive bridge center pier
 - Old Dominion Drive bridge center pier



Beltway Construction

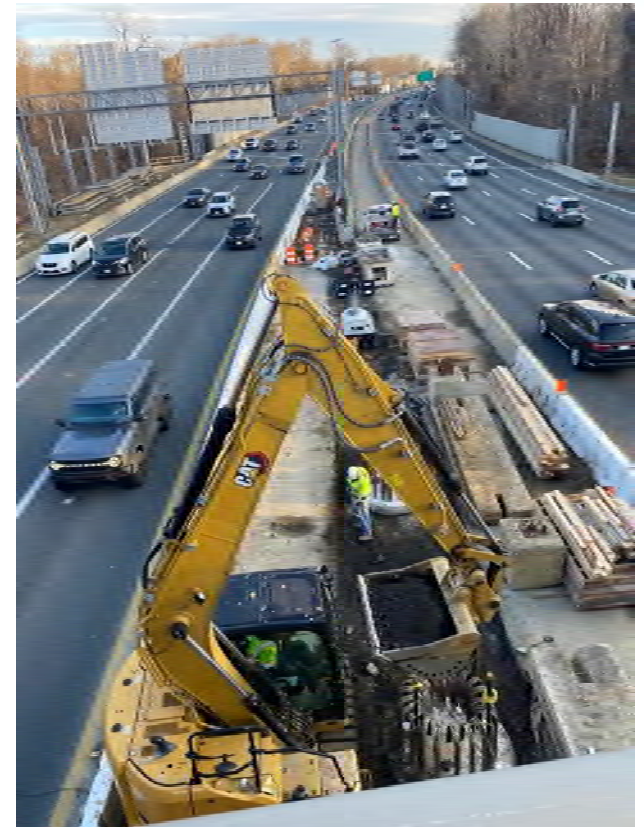
- **Work Sequence:**

- Remove noise walls and clear trees to widen Beltway
- Construct lanes outside current alignment: May 2023
- Shift traffic to outside lanes to enable construction of inside lanes: Fall 2024
- Open Express Lanes: Fall 2025



Overpass Construction

- **Replace old bridges with upgraded new bridges featuring wider sidewalks and trail connections**
 - Live Oak Drive
 - Georgetown Pike
 - Old Dominion Drive
- **Improve Lewinsville Road overpass**
 - Replace 5' sidewalk with 10' sidewalk
- **Complete new bridges and transfer traffic: Summer 2025**



Current Configuration at Northbound I-495 to Westbound Dulles Toll Road

- **Ramp closed:** Northbound I-495 to westbound Dulles Toll Road (Exit 45)
- Northbound I-495 reduced from four to three lanes
- All northbound I-495 traffic (GP and express) now using express lanes ramp to access westbound Dulles Toll Road

Duration: November 2022 – Early 2025



Transportation Management Plan (TMP) Goals

- **Maintain mobility during construction**
- **Enhance worker and public safety**
- **Provide reliable information about construction zone**

495 NEXT TMP Elements

1. Maintenance of Traffic
2. Traffic Operations and Incident Management
3. Local Network Operations and Traffic Analysis
4. Transit and Transportation Demand Management
5. Communications and Outreach

495 NEXT TMP Operations Elements

Traffic Operations and Incident Management

- Supplemental Police Patrols – VA State Police and Fairfax Co. Police
- Supplemental Safety Service Patrols
- Supplemental message boards
- Monitoring of travel times and traffic volumes
- Incident response management

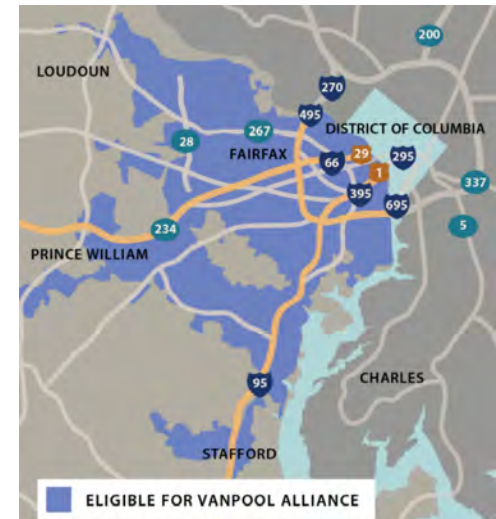
Local Network Operations (as needed)

- Traffic signal optimization
- Temporary traffic calming
- Minor spot improvements



495 NEXT TMP Transportation Demand Management

- **Vanpool Incentives**
 - One time support to vanpool providers
 - \$100 incentive per month for 6 months for every new rider
 - Implemented by Vanpool Alliance
- **Carpool Incentives**
 - Support to new HOV-3 participants
 - \$100 after 3 months in addition to Commuter Connections Pool Rewards
 - Implemented by Commuter Connections



'POOL REWARDS
it pays to rideshare

495 NEXT TMP Transportation Demand Management

• Employer Outreach

- Engage and inform employees about the project and travel options / resources
- Promote 495NEXT TMP incentive programs
- Key partners:
 - Fairfax County Commuter Services
 - Tysons Community Alliance
 - Montgomery County and other Maryland Employer Outreach teams
 - Regional TDM groups – MWCOG and others

• Telework Technical Support

- Telework!VA – DRPT program
- Online resources



495 NEXT TMP Transit

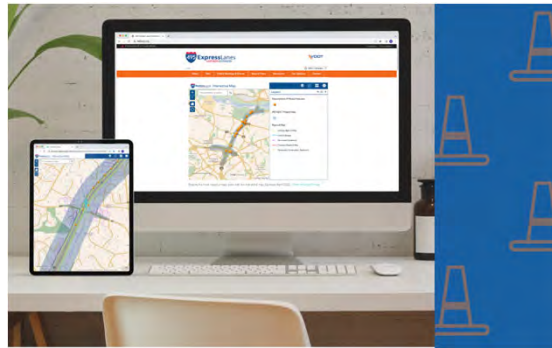
- **Pilot Bus Service from Tysons to Montgomery County, Maryland**
- **Based on recommendation in joint I-495 American Legion Bridge Transit/TDM Study – Completed in 2021**
- **Bus Service operation expected to begin in 2024**
- **Implemented by Fairfax County**
- **Virginia Commitment:**
 - \$5.2 M for initial purchase of new buses
 - \$2.2 M per year for bus service operation



Public Information Tools



Newsletters and Weekly Lane Closure Reports Emailed to Subscriber List



Interactive Map Showing Project Design



495NEXT.org - Project Website



News Releases and Media Outreach

Resources and Contacts:

Email: 495NorthernExtension@VDOT.Virginia.gov

Construction Information Line: 703-592-6430
(monitored daily)

VDOT: Michelle Holland, 703-586-0487

Transurban: Brent McKenzie, 571-326-5609

Lane Construction: John Undeland,
703-785-3461



Use QR code to sign up for project update emails



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