



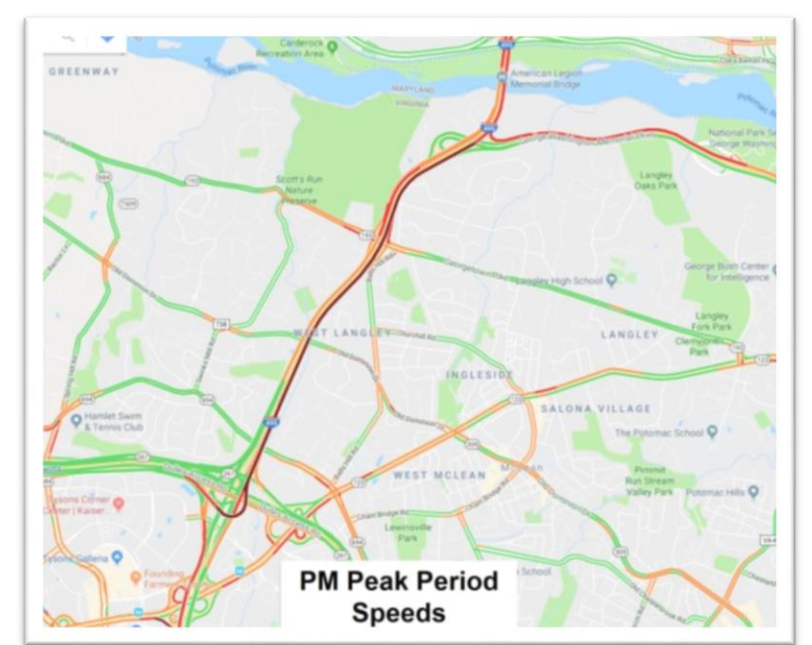
I-495 EXPRESS LANES NORTHERN EXTENSION

**FAIRFAX COUNTY BOARD OF SUPERVISORS
TRANSPORTATION COMMITTEE**

February 4, 2020

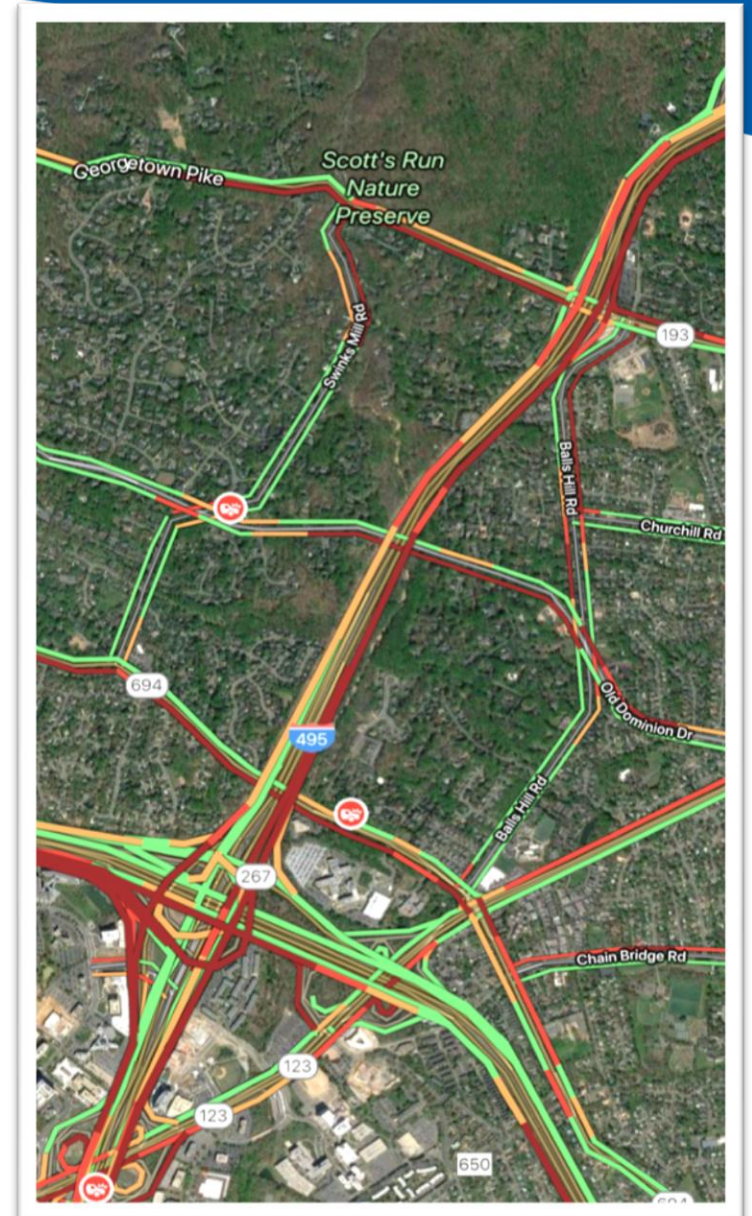
Project Overview

- **Scope**
 - Extend express lanes from existing terminus to George Washington Memorial Parkway
 - Replace existing overpasses
 - Implement shared-use path
 - Replace and construct noise walls
- **Goals and Objectives**
 - Reduce congestion
 - Provide additional travel choices
 - Improve travel reliability



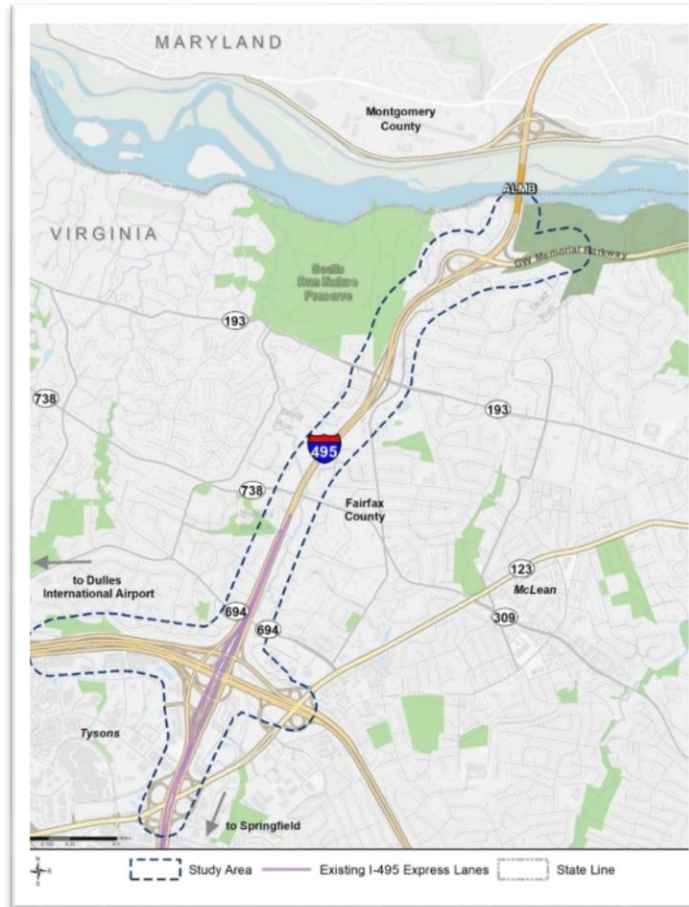
Project Benefits

- Provides added capacity
- Moves more people
- Provides new travel choices that could save travelers up to 25 minutes off their trip during peak periods, through one of the busiest corridors in the region
- Reduces cut-through traffic on local roads
- Improves safety in the corridor by:
 - Taking more cars off local roads
 - Reducing the weaving needed to access the George Washington Memorial Parkway and Dulles Toll Road



Technical Studies

- Environmental Assessment
- Traffic Analysis
 - Operational and safety analysis
 - Comparison of Build and No-Build Alternative



Environmental Study Area



Traffic Analysis Area

PM Peak Period Summary

Measure of Effectiveness	Facility	Build Performance vs. No-Build		
		2045	2025	2025 (w/o MD Managed Lanes System)
Extent and duration of congestion	I-495 northbound General Purpose			
	I-495 southbound General Purpose			
Travel times	I-495 northbound General Purpose			
	I-495 northbound Express			
	I-495 southbound General Purpose			
	I-495 southbound Express			
	Dulles Toll Road eastbound			
	Dulles Toll Road westbound			
	Person Throughput	I-495 northbound (all)		
	I-495 southbound (all)			
Arterial Intersection Operations	(All)			



Bicycle and Pedestrian Facility Improvements

- Preliminary design includes improvements for cyclists and pedestrians
 - Coordinating with Fairfax County Department of Transportation
 - Consistent with Fairfax County bike plan
- Trails along I-495 corridor
 - Shared-use path behind the noise wall between Lewinsville Road and George Washington Memorial Parkway
 - Connection to crossing at American Legion Bridge to Maryland
- Improvements at overpasses
 - Old Dominion Drive (VA 783)
 - Georgetown Pike (VA 193)
 - Live Oak Drive



Drainage Improvements

- Partnering with Fairfax County to provide outfall enhancements
- Evaluating collaboration with Fairfax County stream restoration projects
 - Active and/or future projects
- Implementing quality and quantity stormwater management
 - Address runoff at Scotts Run



Regional Coordination with Maryland

- 495 NEXT is an independent, stand-alone project
- 495 NEXT is being coordinated with Maryland's plans to:
 - Ensure both projects are compatible
 - Support delivery of Maryland's project
- **Capital Beltway Bi-State Accord**
 - Agreement to fund, build, and operate managed lanes between George Washington Memorial Parkway and River Road



Project Delivery – Partnership with Transurban

- January 2019: Development Framework Agreement with Transurban to extend 495 Express Lanes under current agreement
- Subject to VDOT approval, Transurban to submit a binding proposal that meets project-delivery technical and financial criteria
- VDOT Responsibilities:
 - Planning and environmental approvals
 - Interchange Justification Report (IJR)
 - Federal, state and local agency coordination
- Transurban Responsibilities:
 - Preliminary engineering, design, procurement of design-builder, construct project
 - Finance plan
 - Operations and maintenance



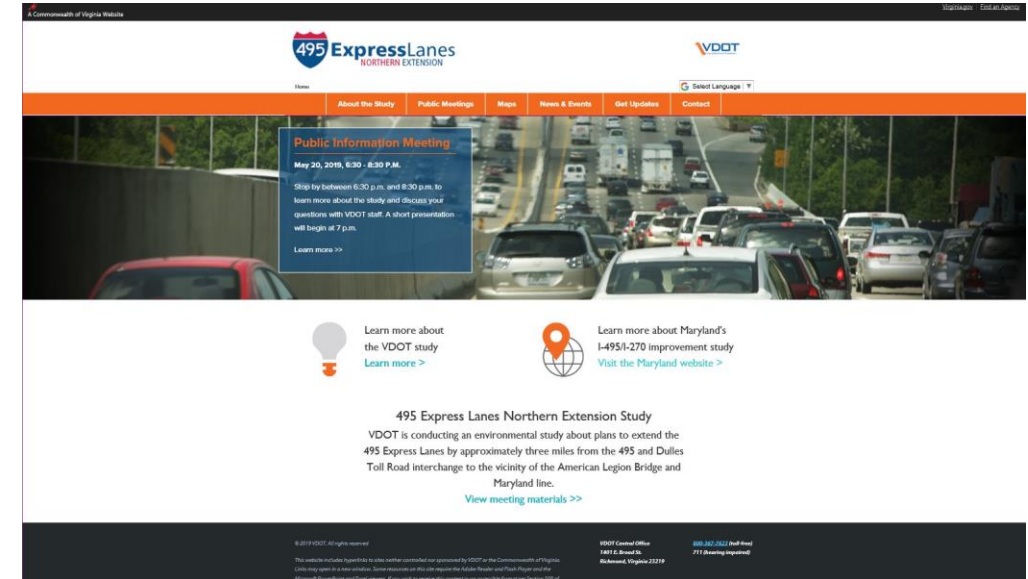
I-495 Regional Transit Study

- High-level transit needs study
- Joint study between Virginia Dept. of Rail and Public Transportation and Maryland Transit Administration
- Independent of ongoing NEPA studies in both states
- Anticipated results in 2020



Next Steps

- Availability of Environmental Document and Technical Reports for public review: February 26
- Public Hearing: March 12 (Snow Date: March 18)
Langley High School, McLean, Virginia
6:30 – 8:30 PM (Presentation at 7:00 PM)
- Receive public comments through March 30
- Environmental Assessment Decision and Interchange Justification Report Approval: June 2020



Project Website
495NorthernExtension.org