National Capital Region
Transportation Planning Board

November 6, 2026

AIR QUALITY CONFORMITY ANALYSIS OF PROPOSED AMENDMENT TO THE VISUALIZE 2050 NATIONAL CAPITAL REGION TRANSPORTATION PLAN FOR THE I-495 SOUTHSIDE EXPRESS LANES PROJECT

DRAFT SCOPE OF WORK

I. INTRODUCTION

The Virginia Department of Transportation (VDOT) has requested an amendment to the Visualize 2050 National Capital Region Transportation Plan to add the I-495 Southside Express Lanes (I-495 SEL) project. The I-495 SEL project is a proposed 11-mile extension of Virginia's express lanes along the southern Capital Beltway from the Springfield Interchange (I-95/I-395/I-495) in Fairfax County, VA, to the MD 210 Interchange in Prince George's County, Maryland. In October 2025, the Transportation Planning Board (TPB) adopted Resolution R2-2026, which deferred inclusion of the I-495 SEL Project in Visualize 2050 and encouraged VDOT and MDOT to continue exploring project options, working with local jurisdictions towards securing consensus on improvements. At the October 21, 2026, TPB Meeting, VDOT returned with revisions to the I-495 SEL project it had previously proposed. The revisions include preserving space for WMATA Metrorail expansion on the Woodrow Wilson Bridge. The proposed project affects the air quality conformity analysis and will therefore require a new demonstration of air quality conformity before the TPB can amend the plan to include the project

The TPB is expected to direct staff, at its November 18, 2026, meeting, to begin revising the regional air quality conformity analysis. The proposed I-495 SEL project is expected to be completed in 2035. Later in this document, details of the I-495 SEL project proposed for inclusion in Visualize 2050 and the regional air quality conformity analysis are provided, including maps and other supporting information.

This scope of work reflects the tasks and schedule designed for the air quality conformity analysis leading to a vote on the plan amendment in 2027. This work effort addresses requirements associated with attainment of the ozone standard for volatile organic compounds (VOC) and nitrogen oxides (NO_X) as ozone precursor pollutants.

The amended plan must meet air quality conformity regulations: (1) as originally published by the Environmental Protection Agency (EPA) in the November 24, 1993, Federal Register, (2) as subsequently amended, most recently on March 14, 2012, and (3) as detailed in periodic Federal Highway Administration (FHWA) / Federal Transit Administration (FTA) and EPA

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guidance. These regulations specify both technical criteria and consultation procedures for performing the assessment.

This scope of work provides context for performing the conformity analysis and outlines the work tasks required to address all currently applicable regulations.

II. FEDERAL REQUIREMENTS

As described in the 1990 Clean Air Act Amendments, conformity is demonstrated if transportation plans and programs:

1. Are consistent with the most recent estimates of mobile source emissions budgets
2. Contribute to annual emissions reductions

The federal requirements governing air quality conformity compliance are contained in §93.110 through §93.119 of the Transportation Conformity Regulations (printed April 2012), as follows:

CONFORMITY CRITERIA & PROCEDURES	
All Actions at all times	
§93.110	Latest Planning Assumptions
§93.111	Latest Emissions Model
§93.112	Consultation
§93.113	TCMs
§93.114	Currently conforming Plan and TIP
§93.115	Project from a conforming Plan and TIP
§93.116	CO, PM_{10} and $PM_{2.5}$ hot spots
§93.117	PM_{10} and $PM_{2.5}$ Control Measures
§93.118 and/or §93.119	Emissions Budget and/or Interim Emissions

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§ 93.110 Criteria and procedures: Latest planning assumptions - The conformity determination must be based upon the most recent planning assumptions in force at the time of the conformity determination.

§ 93.111 Criteria and procedures: Latest emissions model - The conformity determination must be based on the latest emission estimation model available.

§ 93.112 Criteria and procedures: Consultation – The conformity must be determined according to the consultation procedures in this subpart and in the applicable implementation plan, and according to the public involvement procedures established in compliance with 23 CFR part 450.

§ 93.113 Criteria and procedures: Timely implementation of TCMs - The transportation plan, TIP, or any FHWA/FTA project which is not from a conforming plan and TIP must provide for the timely implementation of TCMs from the applicable implementation plan.

§93.114 Criteria and procedures: Currently conforming transportation plan and TIP - There must be a currently conforming transportation plan and currently conforming TIP at the time of project approval.

§93.115 Criteria and procedures: Projects from a plan and TIP - The project must come from a conforming plan and program.

§93.116 Criteria and procedures: Localized CO, PM_{10}, and $PM_{2.5}$ violations (hot spots) -The FHWA/FTA project must not cause or contribute to any new localized CO, PM_{10}, and/or $PM_{2.5}$ violations or increase the frequency or severity of any existing CO, PM_{10}, and /or $PM_{2.5}$ violations in CO, PM_{10}, and $PM_{2.5}$ nonattainment and maintenance areas.

§93.117 Criteria and procedures: Compliance with PM_{10} and $PM_{2.5}$ control measures -The FHWA/FTA project must comply with PM_{10} and $PM_{2.5}$ control measures in the applicable Implementation Plan.

§93.118 Criteria and procedures: Motor vehicle emissions budget - The transportation plan, TIP, and projects must be consistent with the motor vehicle emissions budget(s).

§93.119 Criteria and procedures: Interim emissions in areas without motor vehicle budgets - The FHWA/FTA project must satisfy the interim emissions test(s).

Assessment Criteria:

Ozone season pollutants will be assessed by comparing the forecast year pollutant levels to the EPA-approved mobile emissions budgets in the 2008 Ozone NAAQS Maintenance Plan. The 2008 Ozone NAAQS Maintenance Plan includes motor vehicle (mobile) emissions budgets for 2014 (attainment year), 2025 (intermediate year), and 2030 (out year). The 2014 budgets are used for any analysis year between 2014 and 2024, the 2025 budgets are used for any analysis year between 2025 and 2029, and the 2030 budgets are used for any analysis year beyond 2029. Because the proposed amendment affects only the conformity analysis years 2040 and 2050, this analysis will use the 2030 budget.

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III. POLICY AND TECHNICAL APPROACH

The table below summarizes the key elements of the Policy & Technical Approach:

Pollutants	Ozone Season VOC and NO_X
Emissions Model	MOVES5[1]
Conformity Test	Budget Test: Using EPA approved mobile emissions budgets from the 2008 Ozone NAAQS Maintenance Plan
Vehicle Fleet Data	December 2023 vehicle registration data
Geography	8-hour ozone non-attainment area
Network Inputs	Regionally significant projects already approved in Visualize 2050 plus the proposed I-495 SEL project
Land Activity	Cooperative Forecasts Round 10.1
HOV/HOT	VA: I-66, I-95, I-395, and I-495 are all HOT3+; all HOV facilities will be HOV2+ through 2050 MD: HOV facility on US 50 will remain HOV2+ through 2050; HOV facility on I-270 will convert from HOV2+ to HOT3+ when additional lanes are added;
Roadway Restrictions	Roadway restrictions, such as truck prohibitions, are reflected in the travel model network using information supplied by the Departments of Transportation
Analysis Years	2040 and 2050
Modeled Area	6,800 square mile area with 3,722 Transportation Analysis Zones (TAZs)
Travel Demand Model	Gen2/Version 2.4.6

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[1] Per EPA Guidance released in conjunction with MOVES6, staff will use the "Constant Fraction" approach for modeling electric vehicles (EVs) in MOVES5, which will assign EV fractions from 2025 to all future years and thus account for lower projections of future EV sales than the methods originally released with MOVES5.

U.S. Environmental Protection Agency. (2026). *MOVES6 Policy Guidance: Use of MOVES for State Implementation Plan Development, Transportation Conformity, General Conformity, and Other Purposes* [EPA-403-B-26-001]. Office of Transportation and Air Quality. (MOVES6 Policy Guidance: Use of MOVES for State Implementation Plan Development, Transportation Conformity, General Conformity, and Other Purposes)

IV. CONSULTATION

The TPB adheres to the specifications of the consultation procedures (as outlined in the consultation procedures report adopted by the TPB on May 20, 1998). The TPB will participate in meetings of the Metropolitan Washington Air Quality Committee (MWAQC), its Technical Advisory Committee (MWAQC-TAC), and its Conformity Subcommittee to discuss the Scope of Work, project inputs, and other elements as needed.

V. WORK TASKS

The work tasks associated with the proposed amendment to the Visualize 2050 National Capital Region Transportation Plan air quality conformity analysis are as follows:

1. Prepare forecast year highway and transit networks:
   - 2040, 2050

2. Execute travel demand modeling
   - 2040, 2050

3. Estimate Mobile Emissions
   - 2040, 2050

4. Analyze and summarize results

5. Assess conformity and document results in a report

   - Document methods
   - Draft conformity report
   - Forward to technical committees, policy committees
   - Make available for public and interagency consultation
   - Receive comments
   - Respond to comments and present to TPB for action
   - Finalize report and forward to FHWA, FTA, and EPA

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VI. SCHEDULE:

Timeframe	Activity
November 6, 2026	TPB Technical Committee receives a briefing on the draft inputs for the proposed amendment to Visualize 2050 and the draft air quality conformity (AQC) analysis scope of work.
November 10, 2026	MWAQC-TAC receives a briefing on the draft inputs for the proposed amendment to Visualize 2050 and the draft AQC analysis scope of work.
November 18, 2026	TPB receives a briefing on the draft AQC analysis scope of work and is asked to approve it.
December 2, 2026	MWAQC receives a briefing on the inputs for the proposed amendment to Visualize 2050 and the AQC analysis scope of work.
December 2026 through January 2027	TPB staff undertake the technical analysis and develop the draft AQC report, draft financial analysis, and draft amendment materials for public comment.
February 5, 2027	TPB Technical Committee receives a briefing on the proposed amendment to Visualize 2050 draft AQC analysis findings.
February 5, 2027	The proposed amendment to Visualize 2050 and the draft AQC analysis findings are released for 30-day public comment period at the Community Advisory Committee (CAC) meeting.
February 9, 2027	MWAQC-TAC receives a briefing on the proposed amendment to Visualize 2050 and the draft AQC analysis findings.
February 17, 2027	TPB receives a briefing on the proposed amendment to Visualize 2050 and the draft AQC analysis findings
March 7, 2027	Public comment period ends
March 17, 2027	TPB reviews comments, responses to comments and is presented with the Air Quality Conformity Analysis Report and the proposed amendment to include the I-495 SEL project in Visualize 2050 for action.

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VII. TECHNICAL DETAILS FOR THE I-495 SEL PROJECT

VDOT provided the following technical details, commitments, and schematics to describe the proposed amendment to the Visualize 2050 plan.

Project Administration

Plan Revision *
TPB / MTP / Visualize 2050 / 50-26

Region *
Virginia

ID *
CE3814

TPB Project Title
I-495 Southside Express Lanes (SEL): Springfield Interchange to MD 210

Additional Project IDs

TIP ID
T11614; T11618

Conformity Codes
VI2AA

Project Information

Project Title *
I-495 Southside Express Lanes (SEL) Project

Project Description *
The I-495 SEL project would provide an Express Lanes connection on the eastern end of the interstate that currently does not have Express Lanes, beginning east of the Springfield Interchange. The proposed project provides a two-lane Express Lane system maintaining the existing four continuous general purpose lanes in either direction, that will extend across Woodrow Wilson Bridge to the I-295 interchange in MD. East of I-295 interchange one express lane and four general purpose lanes will continue to MD 210 Interchange. The project will accommodate bus transit enhancements. The project will preserve the space on the bridge and bridge approaches to accommodate rail transit in the future when a rail expansion is funded for implementation. The project will provide additional travel choices, including carpooling (HOV 3+ travels free) and opportunities for more reliable trips on transit. New ramp connections to the Express Lanes will be provided to and from the east at Van Dorn Street Interchange and in both directions at US Route 1 in Virginia, and to and from the west at I-295 and MD-210 in Maryland. Additional flyover ramps are provided at the west termini of the project to enable exchange between the general purpose lanes and express lanes.

The proposed project includes improvements to create a trail network between Springfield and Oxon Hill through project additions, upgrading existing trails, and connections to other trail projects.

The new proposal includes the following commitments:
•Ensuring Metro space on the bridge is not impacted and future Metro is not precluded by the project.
•Virginia commits an annual transit funding amount of at least $15 million, growing over time. The goal is to increase the minimum transit payment figure through the competitive procurement process.
•Continue outreach and public engagement with stakeholders.
•Analyzing local streets both in VA and in MD to determine if there are negative impacts from the project. The project will pay for and construct necessary modifications to mitigate those impacts.
•Engaging relevant parties and documenting specific terms of the contract.
•Stand-by towing/recovery services.

Project Type *
Road - HOV/Managed Lanes

Lead Agency *
Virginia Department of

County
Fairfax, Prince Georges

Municipality
City of Alexandria

Secondary Agency

Source Document
VDOT I-495 SEL Letter

Source Document Page/Record Link

Primary Contact
Ali Nomani

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VDOT I-495 SEL Letter

Phone (10-Digit)
(703)537-6630

Email
Ali.Nomani@vdot.virginia.gov

Public Project Website

Bicycle/Pedestrian Accommodations
Included

Complete Streets
Not Applicable

Estimated Completion Date
2035

Current Implementation Status
Environmental Document/Pre-Design Phase (PAED)

Bicycle and Pedestrian Plan

Bike/Ped Plan

National Capital Trail

Safe Routes to School

Facility Type
Shared Use Path

Path Alignment
Along an Existing Roadway

Facility Length (Miles)
11

Width of Shared Use Path (FT)
10

Surface Shared Use Path
Paved

Congestion Management Information

Traffic congestion conditions necessitate the proposed project or program and are
Recurring

If the congestion is on another facility please identify it

Environmental Information

Environmental Review Document
Draft Environmental Assessment

Environmental Review Status
Under preparation

This project has been identified for the following potential environmental mitigation activities.
Air Quality, Energy, Hazardous and Contaminated Materials, Noise, Socioeconomics, Surface Water, Vibrations, Wetlands

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Location Information

System *
Roadways

Location Type
Road Segment

Route
I 495

Facility Name
Capital Beltway

From/Primary
Springfield Interchange

To/Secondary
MD 210

Conformity Information

Conformity System *
Roadways

Conformity Location Type
On Road

Conformity Route
I 495

Conformity Facility Name
I -95/I-495 Southside Express Lanes (SEL) (Eastbound & Westbound)

Conformity From
East of Springfield Interchange

Conformity To
S Van Dorn Street

Conformity ID
24840

Conformity Code
VI2AA

Agency Phase ID

Improvement Type
Reconstruct

Facility Type From
Freeway

Facility Type To
Freeway

Lanes From
5/6 General Purpose Lanes

Lanes To

			5/6 General Purpose + 1 Express Lane
Projected Completion Year 2035	Conformity Implementation Status Active	RSAQ Yes-RSAQ	

Conformity System * Roadways	Conformity Location Type On Road	Conformity Route I 495	Conformity Facility Name I -95/I-495 Southside Express Lanes (SEL) (Eastbound & Westbound)
Conformity From Van Dorn Street	Conformity To US Route 1 (VA)	Conformity ID 24841	Conformity Code VI2AA
Agency Phase ID	Improvement Type Reconstruct	Facility Type From Freeway	
Facility Type To Freeway		Lanes From 4/5 General Purpose Lanes	Lanes To 4/5 General Purpose + 2 Express Lanes
Projected Completion Year 2035	Conformity Implementation Status Active	RSAQ Yes-RSAQ	

Conformity System * Roadways	Conformity Location Type On Road	Conformity Route I 495	Conformity Facility Name I -95/I-495 Southside Express Lanes (SEL) (Eastbound & Westbound)
Conformity From US Route 1 (VA)	Conformity To I-295	Conformity ID 24842	Conformity Code VI2AA
Agency Phase ID	Improvement Type Reconstruct	Facility Type From Freeway	
Facility Type To Freeway		Lanes From 4 General Purpose Lanes + 1 Aux Lane	Lanes To 4 General Purpose + 2 Express Lanes
Projected Completion Year 2035	Conformity Implementation Status Active	RSAQ Yes-RSAQ	

Conformity System * Roadways	Conformity Location Type On Road	Conformity Route I 495	Conformity Facility Name I -95/I-495 Southside Express Lanes (SEL) (Eastbound & Westbound)
Conformity From I-295	Conformity To MD-210	Conformity ID 24843	Conformity Code VI2AA
Agency Phase ID	Improvement Type Reconstruct	Facility Type From Freeway	
Facility Type To Freeway		Lanes From 4/5 General Purpose Lanes	Lanes To 4/5 General Purpose + 1 Express Lanes
Projected Completion Year 2035	Conformity Implementation Status Active	RSAQ Yes-RSAQ	

Conformity System * Roadways	Conformity Location Type Interchange	Conformity Route I 495	Conformity Facility Name I-95/I-495 Express Lanes access EB on-ramp
Conformity From S.Van Dorn Street	Conformity To at I-95/I-495	Conformity ID 24844	Conformity Code VI2AA
Agency Phase ID	Improvement Type Construct	Facility Type From Minor Arterial	

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Facility Type To
Freeway

Lanes From
0

Lanes To
1

Projected Completion Year
2035

Conformity Implementation Status
Active

RSAQ
Yes-RSAQ

Conformity System *
Roadways

Conformity Location Type
Interchange

Conformity Route
I 495

Conformity Facility Name
I-95/I-495 Express Lanes access WB off-ramp

Conformity From
S.Van Dorn Street

Conformity To
at I-95/I-495

Conformity ID
24845

Conformity Code
VI2AA

Agency Phase ID

Improvement Type
Construct

Facility Type From
Freeway

Facility Type To
Minor Arterial

Lanes From
0

Lanes To
1

Projected Completion Year
2035

Conformity Implementation Status
Active

RSAQ
Yes-RSAQ

Conformity System *
Roadways

Conformity Location Type
Interchange

Conformity Route
I 495

Conformity Facility Name
I-95/I-495 Ramps (WB off-ramp)

Conformity From
S. Van Dorn Street

Conformity To
at I-95/I-495

Conformity ID
24846

Conformity Code
VI2AA

Agency Phase ID

Improvement Type
Reconstruct

Facility Type From
Minor Arterial

Facility Type To
Freeway

Lanes From
1

Lanes To
1

Projected Completion Year
2035

Conformity Implementation Status
Active

RSAQ
Yes-RSAQ

Conformity System *
Roadways

Conformity Location Type
Interchange

Conformity Route
I 495

Conformity Facility Name
I-95/I-495 Ramps (WB on-ramp)

Conformity From
S. Van Dorn Street

Conformity To
at I-95/I-495

Conformity ID
24847

Conformity Code
VI2AA

Agency Phase ID

Improvement Type
Reconstruct

Facility Type From
Minor Arterial

Facility Type To
Freeway

Lanes From
1

Lanes To
1

Projected Completion Year
2035

Conformity Implementation Status
Active

RSAQ
Yes-RSAQ

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Conformity System *
Roadways

Conformity Location Type
Interchange

Conformity Route
I 495

Conformity Facility Name
I-95/I-495 Ramps (EB off-ramp)

Conformity From
S. Van Dorn Street

Conformity To
at I-95/I-495

Conformity ID
24848

Conformity Code
VI2AA

Agency Phase ID

Improvement Type
Reconstruct

Facility Type From
Minor Arterial

Facility Type To
Freeway

Lanes From
1

Lanes To
1

Projected Completion Year
2035

Conformity Implementation Status
Active

RSAQ
Yes-RSAQ

Conformity System *
Roadways

Conformity Location Type
Interchange

Conformity Route
I 495

Conformity Facility Name
I-95/I-495 Ramps (EB on-ramp)

Conformity From
S. Van Dorn Street

Conformity To
at I-95/I-495

Conformity ID
24849

Conformity Code
VI2AA

Agency Phase ID

Improvement Type
Reconstruct

Facility Type From
Minor Arterial

Facility Type To
Freeway

Lanes From
1

Lanes To
1

Projected Completion Year
2035

Conformity Implementation Status
Active

RSAQ
Yes-RSAQ

Conformity System *
Roadways

Conformity Location Type
Interchange

Conformity Route
I 495

Conformity Facility Name
I-95/I-495 Ramps (WB slip-ramp from GP to EL)

Conformity From
S. Van Dorn Street

Conformity To
Eisenhower Ave Connector

Conformity ID
24850

Conformity Code
VI2AA

Agency Phase ID

Improvement Type
Construct

Facility Type From
Freeway

Facility Type To
Freeway

Lanes From
0

Lanes To
1

Projected Completion Year
2035

Conformity Implementation Status
Active

RSAQ
Yes-RSAQ

Conformity System *
Roadways

Conformity Location Type
Interchange

Conformity Route
I 495

Conformity Facility Name
I-95/I-495 Ramp EB on-ramp

Conformity From
Mill Road

Conformity To
at I-95/I-495

Conformity ID
24851

Conformity Code
VI2AA

Agency Phase ID

Improvement Type
Reconstruct

Facility Type From
Minor Arterial

Facility Type To
Freeway

Lanes From
1

Lanes To
1

Projected Completion Year
2035

Conformity Implementation Status
Active

RSAQ
Yes-RSAQ

Conformity System *
Roadways

Conformity Location Type
Interchange

Conformity Route
I 495

Conformity Facility Name
I-95/I-495 Ramp WB off-ramp

Conformity From
Mill Road

Conformity To
at I-95/I-495

Conformity ID
24852

Conformity Code
VI2AA

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Agency Phase ID

Improvement Type
Reconstruct

Facility Type From
Minor Arterial

Facility Type To
Freeway

Lanes From
1

Lanes To
1

Projected Completion Year
2035

Conformity Implementation Status
Active

RSAQ
Yes-RSAQ

Conformity System *
Roadways

Conformity Location Type
Interchange

Conformity Route
I 495

Conformity Facility Name
I-95/I-495 Ramp (US Route 1 SB to WB Thr)

Conformity From
US Route 1 (VA)

Conformity To
at I-95/I-495

Conformity ID
24853

Conformity Code
VI2AA

Agency Phase ID

Improvement Type
Remove/Close

Facility Type From
Major Arterial

Facility Type To
Freeway

Lanes From
1

Lanes To
0

Projected Completion Year
2035

Conformity Implementation Status
Active

RSAQ
Yes-RSAQ

Conformity System *
Roadways

Conformity Location Type
Interchange

Conformity Route
I 495

Conformity Facility Name
I-95/I-495 Express Lanes access EB off-ramp

Conformity From
US Route 1 (VA)

Conformity To
at I-95/I-495

Conformity ID
24854

Conformity Code
VI2AA

Agency Phase ID

Improvement Type
Construct

Facility Type From
Freeway

Facility Type To
Major Arterial

Lanes From
0

Lanes To
1

Projected Completion Year
2035

Conformity Implementation Status
Active

RSAQ
Yes-RSAQ

Conformity System *
Roadways

Conformity Location Type
Interchange

Conformity Route
I 495

Conformity Facility Name
I-95/I-495 Express Lanes access EB on-ramp

Conformity From
US Route 1 (VA)

Conformity To
at I-95/I-495

Conformity ID
24855

Conformity Code
VI2AA

Agency Phase ID

Improvement Type
Construct

Facility Type From
Major Arterial

Facility Type To
Freeway

Lanes From
0

Lanes To
1

Projected Completion Year
2035

Conformity Implementation Status
Active

RSAQ
Yes-RSAQ

Conformity System *
Roadways

Conformity Location Type
Interchange

Conformity Route
I 495

Conformity Facility Name
I-95/I-495 Express Lanes access WB off-ramp

Conformity From
US Route 1 (VA)

Conformity To
at I-95/I-495

Conformity ID
24856

Conformity Code
VI2AA

Agency Phase ID

Improvement Type
Construct

Facility Type From
Freeway

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Facility Type To: Major Arterial | Lanes From: 0 | Lanes To: 1

Projected Completion Year: 2035 | Conformity Implementation Status: Active | RSAQ: Yes-RSAQ

Conformity System *: Roadways | Conformity Location Type: Interchange | Conformity Route: I 495 | Conformity Facility Name: I-95/I-495 Express Lanes access WB on-ramp from US Route 1 NB and SB

Conformity From: US Route 1 (VA) | Conformity To: at I-95/I-495 | Conformity ID: 24857 | Conformity Code: VI2AA

Agency Phase ID | Improvement Type: Reconstruct | Facility Type From: Major Arterial

Facility Type To: Freeway | Lanes From: 1 | Lanes To: 1

Projected Completion Year: 2035 | Conformity Implementation Status: Active | RSAQ: Yes-RSAQ

Conformity System *: Roadways | Conformity Location Type: Interchange | Conformity Route: I 495 | Conformity Facility Name: I-95/I-495 Ramp EB off-ramp to US Route 1 NB

Conformity From: US Route 1 (VA) | Conformity To: at I-95/I-495 | Conformity ID: 24858 | Conformity Code: VI2AA

Agency Phase ID | Improvement Type: Reconstruct | Facility Type From: Freeway

Facility Type To: Major Arterial | Lanes From: 1 | Lanes To: 1

Projected Completion Year: 2035 | Conformity Implementation Status: Active | RSAQ: Yes-RSAQ

Conformity System *: Roadways | Conformity Location Type: Interchange | Conformity Route: I 495 | Conformity Facility Name: I-95/I-495 Ramp (EB GP to NB)

Conformity From: I-295 | Conformity To: at I-95/I-495 | Conformity ID: 24859 | Conformity Code: VI2AA

Agency Phase ID | Improvement Type: Reconstruct | Facility Type From: Freeway

Facility Type To: Freeway | Lanes From: 2 | Lanes To: 3

Projected Completion Year: 2035 | Conformity Implementation Status: Active | RSAQ: Yes-RSAQ

Conformity System *: Roadways | Conformity Location Type: Interchange | Conformity Route: I 495 | Conformity Facility Name: I-95/I-495 Ramp (WB GP to SB)

Conformity From: I-295 | Conformity To: at I-95/I-495 | Conformity ID: 24860 | Conformity Code: VI2AA

Agency Phase ID | Improvement Type: Reconstruct | Facility Type From: Freeway

Facility Type To: Freeway | Lanes From: 1 | Lanes To: 2

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Projected Completion Year	Conformity Implementation Status	RSAQ
2035	Active	Yes-RSAQ

Conformity System *	Conformity Location Type	Conformity Route	Conformity Facility Name
Roadways	Interchange	I 495	I-95/I-495 Ramp (WB GP to NB)
Conformity From	**Conformity To**	**Conformity ID**	**Conformity Code**
I-295	at I-95/I-495	24861	VI2AA
Agency Phase ID	**Improvement Type**	**Facility Type From**	
	Reconstruct	Freeway	
Facility Type To		**Lanes From**	**Lanes To**
Freeway		2	2
Projected Completion Year	**Conformity Implementation Status**	**RSAQ**	
2035	Active	Yes-RSAQ	

Conformity System *	Conformity Location Type	Conformity Route	Conformity Facility Name
Roadways	Interchange	I 495	I-95/I-495 Ramp (MD 210 WB GP to NB)
Conformity From	**Conformity To**	**Conformity ID**	**Conformity Code**
I-295 and MD 210	at I-95/I-495	24862	VI2AA
Agency Phase ID	**Improvement Type**	**Facility Type From**	
	Reconstruct	Freeway	
Facility Type To		**Lanes From**	**Lanes To**
Freeway		2	2
Projected Completion Year	**Conformity Implementation Status**	**RSAQ**	
2035	Active	Yes-RSAQ	

Conformity System *	Conformity Location Type	Conformity Route	Conformity Facility Name
Roadways	Interchange	I 495	I-95/I-495 Express Lanes access EB off-ramp
Conformity From	**Conformity To**	**Conformity ID**	**Conformity Code**
I-295/National Harbor Blvd	at I-95/I-495	24863	VI2AA
Agency Phase ID	**Improvement Type**	**Facility Type From**	
	Construct	Freeway	
Facility Type To		**Lanes From**	**Lanes To**
Freeway		0	1
Projected Completion Year	**Conformity Implementation Status**	**RSAQ**	
2035	Active	Yes-RSAQ	

Conformity System *	Conformity Location Type	Conformity Route	Conformity Facility Name
Roadways	Interchange	I 495	I-95/I-495 Express Lanes access WB on-ramp
Conformity From	**Conformity To**	**Conformity ID**	**Conformity Code**
I-295/National Harbor Blvd	at I-95/I-495	24864	VI2AA
Agency Phase ID	**Improvement Type**	**Facility Type From**	
	Construct	Freeway	
Facility Type To		**Lanes From**	**Lanes To**
Freeway		0	1
Projected Completion Year	**Conformity Implementation Status**	**RSAQ**	
2035	Active	Yes-RSAQ	

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Conformity System *
Roadways

Conformity Location Type
Interchange

Conformity Route
I 495

Conformity Facility Name
I-95/I-495 Express Lanes access WB on-ramp from I-295 SB

Conformity From
I-295

Conformity To
at I-95/I-495

Conformity ID
24865

Conformity Code
VI2AA

Agency Phase ID

Improvement Type
Construct

Facility Type From
Freeway

Facility Type To
Freeway

Lanes From
0

Lanes To
1

Projected Completion Year
2035

Conformity Implementation Status
Active

RSAQ
Yes-RSAQ

Conformity System *
Roadways

Conformity Location Type
Interchange

Conformity Route
I 495

Conformity Facility Name
I-95/I-495 Express Lanes access EB off-Ramp

Conformity From
I-295 and MD-210

Conformity To
at I-95/I-495

Conformity ID
24866

Conformity Code
VI2AA

Agency Phase ID

Improvement Type
Reconstruct

Facility Type From
Freeway

Facility Type To
Major Arterial

Lanes From
1

Lanes To
1

Projected Completion Year
2035

Conformity Implementation Status
Active

RSAQ
Yes-RSAQ

Conformity System *
Roadways

Conformity Location Type
Interchange

Conformity Route
I 495

Conformity Facility Name
I-95/I-495 Express Lanes access EB off-ramp

Conformity From
MD-210

Conformity To
at I-95/I-495

Conformity ID
24867

Conformity Code
VI2AA

Agency Phase ID

Improvement Type
Construct

Facility Type From
Freeway

Facility Type To
Freeway

Lanes From
0

Lanes To
1

Projected Completion Year
2035

Conformity Implementation Status
Active

RSAQ
Yes-RSAQ

Conformity System *
Roadways

Conformity Location Type
Interchange

Conformity Route
I 495

Conformity Facility Name
I-95/I-495 Express Lanes access WB on-ramp

Conformity From
MD-210

Conformity To
at I-95/I-495

Conformity ID
24868

Conformity Code
VI2AA

Agency Phase ID

Improvement Type
Construct

Facility Type From
Major Arterial

Facility Type To
Freeway

Lanes From
0

Lanes To
1

Projected Completion Year
2035

Conformity Implementation Status
Active

RSAQ
Yes-RSAQ

Conformity System *
Roadways

Conformity Location Type
Interchange

Conformity Route
I 495

Conformity Facility Name
I-95/I-495 EB Express to EB GP (Flyover Ramp)

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Conformity From	Conformity To	Conformity ID	Conformity Code
East of Springfield Interchange	West of S. Van Dorn street	24869	VI2AA

Agency Phase ID	Improvement Type	Facility Type From
	Construct	Freeway

Facility Type To	Lanes From	Lanes To
Freeway	0	1

Projected Completion Year	Conformity Implementation Status	RSAQ
2035	Active	Yes-RSAQ

Conformity System *	Conformity Location Type	Conformity Route	Conformity Facility Name
Roadways	Interchange	I 495	I-95/I-495 WB GP to WB Express (Flyover Ramp)

Conformity From	Conformity To	Conformity ID	Conformity Code
East of Springfield Interchange	West of S. Van Dorn street	24870	VI2AA

Agency Phase ID	Improvement Type	Facility Type From
	Construct	Freeway

Facility Type To	Lanes From	Lanes To
Freeway	0	1

Projected Completion Year	Conformity Implementation Status	RSAQ
2035	Active	Yes-RSAQ

Conformity System *	Conformity Location Type	Conformity Route	Conformity Facility Name
Roadways	Interchange	I 495	I-95/I-495 EB GP to EB Express (Flyover Ramp)

Conformity From	Conformity To	Conformity ID	Conformity Code
East of Springfield Interchange	West of S. Van Dorn street	24871	VI2AA

Agency Phase ID	Improvement Type	Facility Type From
	Construct	Freeway

Facility Type To	Lanes From	Lanes To
Freeway	0	1

Projected Completion Year	Conformity Implementation Status	RSAQ
2035	Active	Yes-RSAQ

Conformity System *	Conformity Location Type	Conformity Route	Conformity Facility Name
Roadways	Interchange	I 495	I-95/I-495 WB Express to WB GP (Flyover Ramp)

Conformity From	Conformity To	Conformity ID	Conformity Code
East of Springfield Interchange	West of S. Van Dorn street	24872	VI2AA

Agency Phase ID	Improvement Type	Facility Type From
	Construct	Freeway

Facility Type To	Lanes From	Lanes To
Freeway	0	1

Projected Completion Year	Conformity Implementation Status	RSAQ
2035	Active	Yes-RSAQ

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Programming Information

Min Match 0% Effective Match 100%

Choose columns (2)
AC/CP, OTHER

Draft 11-6-26

FY *	FUND TYPE *	AC/CP	OTHER	TOTAL	LAST UPDATED BY	LAST UPDATED DATE
2050	Other		$2,500,000,000	$2,500,000,000	Leonardo Pineda	11/04/2026
	FY 2050		$2,500,000,000	$2,500,000,000		
	Other		$2,500,000,000	$2,500,000,000		
	GRAND TOTAL		**$2,500,000,000**	**$2,500,000,000**		

Change Reason Details

Change Reason *

(●) New Project ( ) Project Changed (e.g. Schedule / Funding / Scope) ( ) Project Completed ( ) Project Removed

Other

Other Change Reason Details

Narrative Description of Changes *

11/5/2026 - Updated using information from Mega Projects group

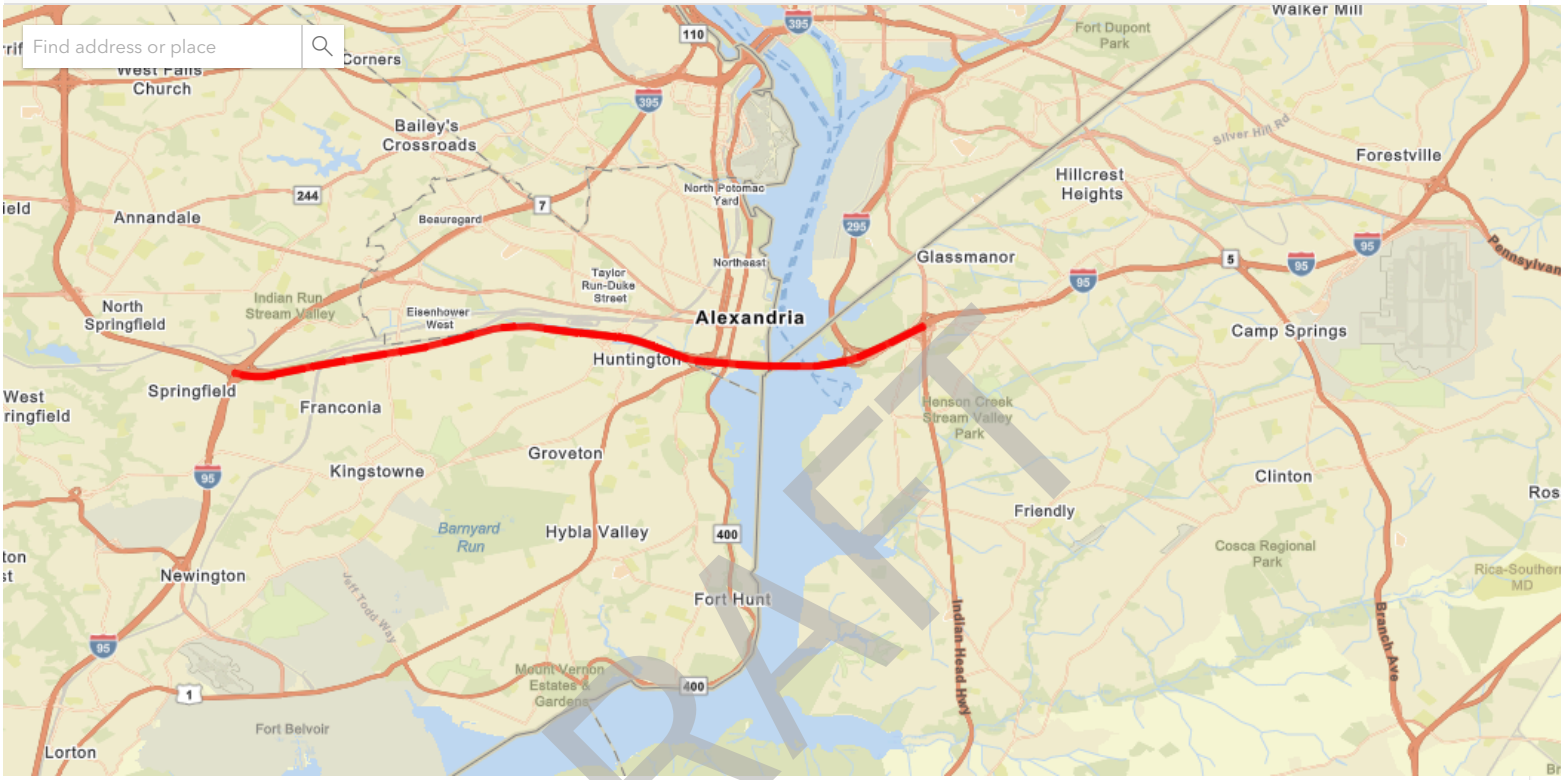
Prior Project Revision Comparison



No prior revision exists for comparison.

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Map Configuration



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Contacts

Please Disregard

Additional Project IDs

Federal Project # No IDs yet, to add a new ID click on the "Edit" button.

TIP ID # T11614 T11618

MTP ID # No IDs yet, to add a new ID click on the "Edit" button.

Agency Project ID # No IDs yet, to add a new ID click on the "Edit" button.

Conformity Codes # VI2AA

OAP ID # No IDs yet, to add a new ID click on the "Edit" button.

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Uploaded Files

DOC DATE	DESCRIPTION	TYPE	FILE NAME	FILE SIZE	UPLOADED BY	UPLOADED DATE
11/05/2026	TPB_VDOT Request for Amendment and AQ 495 SEL 11-5-26.pdf	Other	TPB_VDOT Request for Amendment and AQ 495 SEL 11-5-26.pdf	57.79 KB	Sara Brown	11/06/2026

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Regional Policy Questions

1. This project promotes non-auto travel or can be expected to reduce VMT in the region.

Yes

2. Please identify all travel mode options that this project promotes, enhances, or supports.

Bicycling, Carpool/HOV, Express/Commuter Bus, Local Bus, Metrobus, Single Driver, Walking

3. This project improves accessibility for historically transportation-disadvantaged individuals (i.e., persons with disabilities, low-incomes, and/or limited English proficiency)

Yes

4. This project is physically located in an Equity Emphasis Area (EEA)

Yes

5. Please provide additional written information that describes how this project further supports or advances equity as described by the TPB July 2020 resolution.

This project is located/adjacent to five Equity Emphasis Areas and will improve connectivity and accessibility to several Activity Centers, including the Beltway South, Landmark-Van Dorn, Carlyle-Eisenhower East, Huntington-Penn Daw activities in Virginia and National Harbor and Oxen Hill Activity Centers in Maryland.

6. This project begins or ends in an Activity Center.

Yes

7. This project connects two or more Activity Centers.

Yes

8. This project promotes non-auto travel within one or more Activity Centers.

Yes

9. This project connects an Equity Emphasis Area to an Activity Center.

Yes

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10. This project contributes to enhanced system maintenance or preservation.

Yes

11. This project is primarily designed to reduce travel time on highways and/or transit without building new capacity (e.g., ITS, bus priority treatments, etc.).

Yes

12. This project expected to significantly reduce fatalities or injuries among motorists, transit users, pedestrians, and/or bicyclists.

Yes

13. This project is expected to contribute to reductions in emissions of criteria pollutants, specifically, to attainment of ozone levels consistent with the National Ambient Air Quality Standard (NAAQS).

Yes

14. This project is expected to contribute to reductions in emissions of greenhouse gases by 50% below 2005 levels by 2030.

Yes

15. If the answer to the prior question regarding contributing to greenhouse gas emission reductions was yes, then how is this project anticipated to reduce emissions? If No, please describe how the project will mitigate increased greenhouse gas emissions or vehicle miles traveled.

This project will provide additional capacity by extending the I-95/I-495 Express lanes and contribute to lower emissions by supporting HOV travel and reducing travel times and congestion on I-495.

16. This project enhances, supports, or promotes the following freight carrier modes.

Local Delivery, Long-Haul Truck

17. This project enhances, supports, or promotes the following passenger carrier modes.

Intercity Bus

18. Please check each strategy that is implemented by this project.

Apply best practices to maintain the transportation system., Apply the endorsed safety strategies to design and operate safer infrastructure and encourage safer behavior., Reduce travel times on all public transportation bus services.

19. Please provide additional written information that describes how this project further supports or advances the TPB Strategies.

The project provides additional travel choices, including carpooling (HOV 3+) and opportunities for more reliable trips on transit. The project also provides additional network connections for a

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comprehensive regional system of dynamically priced toll lanes (managed lanes) that increase reliability and ease congestion.

20. Please provide additional written information that describes how this project further supports or advances other regional goals or needs.

This project supports the following Visualize 2050 Goals: Efficient system operations – through HOT/HOV lanes while preserving WMATA space for future transit rail Well-maintained infrastructure – through reconstruction of interchanges and maintenance of existing lanes Travel time reliability – project estimates to increase vehicle throughput during peak travel times by 12-14% Affordable and convenient mobility options – high occupant vehicles (including transit busses) will be able to access express lanes for free Safety – Project includes stand-by towing/recovery services for the life of the express lanes and also includes facilities for bicycle and pedestrian users along I-495 as well as expanding and/or adding new paths to local roads adjacent to the project

21. Federal Planning Factors: This project supports the following planning factors (select all that apply)

Improve resiliency and reliability of the transportation system and reduce or mitigate stormwater impacts of surface transportation, Increase accessibility and mobility of freight, Increase accessibility and mobility of people, Increase the safety of the transportation system for all motorized and non-motorized users, Promote efficient system management and operation, Protect and enhance the environment, promote energy conservation, improve the quality of life, and promote consistency between transportation improvements and State and local planned growth and economic development patterns, Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency

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Related Projects

TIP Project (2)

This project is an LRTP project that is related to the listed TIP Project(s)

ID	AGENCY	REVIEW STATUS	PLAN CYCLE	REVISION	TITLE	TYPE	TOTAL COST
T11614	Virginia Department of Transportation	Accepted	FY 2026-2029 TIP	26-10.3 (VDOT STIP)	I-495 Southside Express Lanes Advance Activities	Study/Planning/Research	**$6,000,000**
T11618	Maryland Department of Transportation - State Highway Administration	Accepted	FY 2026-2029 TIP	26-00	I95/I-495 Southside Express Lanes Study	Study/Planning/Research	**$410,000**
TOTAL							**$6,410,000**

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National Capital Region
Transportation Planning Board

VIII. CONFORMITY INPUT TABLE FOR THE I-495 SEL PROJECT

The conformity analysis will utilize the following technical details for the I-495 SEL project.

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CONFORMITY ID	CONFORMITY CODE	PROJECT ID	LEAD AGENCY	INDVL SYSTEM	FACILITY	FROM	TO	IMPROVEMENT TYPE	LANES FROM	LANES TO	PROJECTED COMPLETION
24840	VI2AA	CE3814	Virginia Department of Transportation	Roadways	I -95/I-495 Southside Express Lanes (SEL) (Eastbound & Westbound)	East of Springfield Interchange	S Van Dorn Street	Reconstruct	5/6 General Purpose Lanes	5/6 General Purpose + 1 Express Lane	2035
24841	VI2AA	CE3814	Virginia Department of Transportation	Roadways	I -95/I-495 Southside Express Lanes (SEL) (Eastbound & Westbound)	Van Dorn Street	US Route 1 (VA)	Reconstruct	4/5 General Purpose Lanes	4/5 General Purpose + 2 Express Lanes	2035
24842	VI2AA	CE3814	Virginia Department of Transportation	Roadways	I -95/I-495 Southside Express Lanes (SEL) (Eastbound & Westbound)	US Route 1 (VA)	I-295	Reconstruct	4 General Purpose Lanes + 1 Aux Lane	4 General Purpose + 2 Express Lanes	2035
24843	VI2AA	CE3814	Virginia Department of Transportation	Roadways	I -95/I-495 Southside Express Lanes (SEL) (Eastbound & Westbound)	I-295	MD-210	Reconstruct	4/5 General Purpose Lanes	4/5 General Purpose + 1 Express Lanes	2035
24844	VI2AA	CE3814	Virginia Department of Transportation	Roadways	I-95/I-495 Express Lanes access EB on-ramp	S.Van Dorn Street	at I-95/I-495	Construct	0	1	2035
24845	VI2AA	CE3814	Virginia Department of Transportation	Roadways	I-95/I-495 Express Lanes access WB off-ramp	S.Van Dorn Street	at I-95/I-495	Construct	0	1	2035
24846	VI2AA	CE3814	Virginia Department of Transportation	Roadways	I-95/I-495 Ramps (WB off-ramp)	S. Van Dorn Street	at I-95/I-495	Reconstruct	1	1	2035
24847	VI2AA	CE3814	Virginia Department of Transportation	Roadways	I-95/I-495 Ramps (WB on-ramp)	S. Van Dorn Street	at I-95/I-495	Reconstruct	1	1	2035
24848	VI2AA	CE3814	Virginia Department of Transportation	Roadways	I-95/I-495 Ramps (EB off-ramp)	S. Van Dorn Street	at I-95/I-495	Reconstruct	1	1	2035
24849	VI2AA	CE3814	Virginia Department of Transportation	Roadways	I-95/I-495 Ramps (EB on-ramp)	S. Van Dorn Street	at I-95/I-495	Reconstruct	1	1	2035
24850	VI2AA	CE3814	Virginia Department of Transportation	Roadways	I-95/I-495 Ramps (WB slip-ramp from GP to EL)	S. Van Dorn Street	Eisenhower Ave Connector	Construct	0	1	2035
24851	VI2AA	CE3814	Virginia Department of Transportation	Roadways	I-95/I-495 Ramp EB on-ramp	Mill Road	at I-95/I-495	Reconstruct	1	1	2035
24852	VI2AA	CE3814	Virginia Department of Transportation	Roadways	I-95/I-495 Ramp WB off-ramp	Mill Road	at I-95/I-495	Reconstruct	1	1	2035
24853	VI2AA	CE3814	Virginia Department of Transportation	Roadways	I-95/I-495 Ramp (US Route 1 SB to WB Thr)	US Route 1 (VA)	at I-95/I-495	Remove/Close	1	0	2035
24854	VI2AA	CE3814	Virginia Department of Transportation	Roadways	I-95/I-495 Express Lanes access EB off-ramp	US Route 1 (VA)	at I-95/I-495	Construct	0	1	2035
24855	VI2AA	CE3814	Virginia Department of Transportation	Roadways	I-95/I-495 Express Lanes access EB on-ramp	US Route 1 (VA)	at I-95/I-495	Construct	0	1	2035
24856	VI2AA	CE3814	Virginia Department of Transportation	Roadways	I-95/I-495 Express Lanes access WB off-ramp	US Route 1 (VA)	at I-95/I-495	Construct	0	1	2035
24857	VI2AA	CE3814	Virginia Department of Transportation	Roadways	I-95/I-495 Express Lanes access WB on-ramp from US Route 1 NB and SB	US Route 1 (VA)	at I-95/I-495	Reconstruct	1	1	2035
24858	VI2AA	CE3814	Virginia Department of Transportation	Roadways	I-95/I-495 Ramp EB off-ramp to US Route 1 NB	US Route 1 (VA)	at I-95/I-495	Reconstruct	1	1	2035
24859	VI2AA	CE3814	Virginia Department of Transportation	Roadways	I-95/I-495 Ramp (EB GP to NB)	I-295	at I-95/I-495	Reconstruct	2	3	2035
24860	VI2AA	CE3814	Virginia Department of Transportation	Roadways	I-95/I-495 Ramp (WB GP to SB)	I-295	at I-95/I-495	Reconstruct	1	2	2035
24861	VI2AA	CE3814	Virginia Department of Transportation	Roadways	I-95/I-495 Ramp (WB GP to NB)	I-295	at I-95/I-495	Reconstruct	2	2	2035
24862	VI2AA	CE3814	Virginia Department of Transportation	Roadways	I-95/I-495 Ramp (MD 210 WB GP to NB)	I-295 and MD 210	at I-95/I-495	Reconstruct	2	2	2035

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CONFORMITY ID	CONFORMITY CODE	PROJECT ID	LEAD AGENCY	INDVL SYSTEM	FACILITY	FROM	TO	IMPROVEMENT TYPE	LANES FROM	LANES TO	PROJECTED COMPLETION
24863	VI2AA	CE3814	Virginia Department of Transportation	Roadways	I-95/I-495 Express Lanes access EB off-ramp	I-295/National Harbor Blvd	at I-95/I-495	Construct	0	1	2035
24864	VI2AA	CE3814	Virginia Department of Transportation	Roadways	I-95/I-495 Express Lanes access WB on-ramp	I-295/National Harbor Blvd	at I-95/I-495	Construct	0	1	2035
24865	VI2AA	CE3814	Virginia Department of Transportation	Roadways	I-95/I-495 Express Lanes access WB on-ramp from I-295 SB	I-295	at I-95/I-495	Construct	0	1	2035
24866	VI2AA	CE3814	Virginia Department of Transportation	Roadways	I-95/I-495 Express Lanes access EB off-Ramp	I-295 and MD-210	at I-95/I-495	Reconstruct	1	1	2035
24867	VI2AA	CE3814	Virginia Department of Transportation	Roadways	I-95/I-495 Express Lanes access EB off-ramp	MD-210	at I-95/I-495	Construct	0	1	2035
24868	VI2AA	CE3814	Virginia Department of Transportation	Roadways	I-95/I-495 Express Lanes access WB on-ramp	MD-210	at I-95/I-495	Construct	0	1	2035
24869	VI2AA	CE3814	Virginia Department of Transportation	Roadways	I-95/I-495 EB Express to EB GP (Flyover Ramp)	East of Springfield Interchange	West of S. Van Dorn street	Construct	0	1	2035
24870	VI2AA	CE3814	Virginia Department of Transportation	Roadways	I-95/I-495 WB GP to WB Express (Flyover Ramp)	East of Springfield Interchange	West of S. Van Dorn street	Construct	0	1	2035
24871	VI2AA	CE3814	Virginia Department of Transportation	Roadways	I-95/I-495 EB GP to EB Express (Flyover Ramp)	East of Springfield Interchange	West of S. Van Dorn street	Construct	0	1	2035
24872	VI2AA	CE3814	Virginia Department of Transportation	Roadways	I-95/I-495 WB Express to WB GP (Flyover Ramp)	East of Springfield Interchange	West of S. Van Dorn street	Construct	0	1	2035

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