National Capital Region
Transportation Planning Board

MEMORANDUM

TO: Transportation Planning Board

FROM: Stacy Cook, TPB Transportation Planner

SUBJECT: Public Comment Materials Package: Projects Proposed for Inclusion in the Air Quality Conformity Analysis of the Constrained Element of Visualize 2045, and Air Quality Conformity Analysis Scope of Work

DATE: April 2, 2021 (revised 4/6/21)

This is the proposed and updated conformity project list for the Visualize 2045 update. Visualize 2045 is the National Capital Region Transportation Planning Board's (TPB) long-range transportation plan (LRTP). The conformity project list is a subset of regional transportation projects for the plan's constrained element. These projects have been released for public comment on April 2, 2021 through May 3, 2021. The attached materials present a summary of the major new projects and changes to existing major projects included in the technical submissions. The air quality conformity table and scope of work are also attached for comment. Upon TPB approval in June, the conformity analysis can begin. Visualize 2045 is scheduled for approval in June 2022.

This public comment period is specifically focused on the inputs to the financially constrained element of Visualize 2045. The financially constrained element includes a subset of transportation projects in the region, including transportation projects that use federal funding, and any projects of regional significance that may impact the air quality conformity analysis, with respect to the air quality requirements under the 1990 Clean Air Act Amendments. Project types include road, bridge, high-occupancy vehicle (HOV), transit, and some of the region's bicycle and pedestrian projects. The project list is fiscally constrained, this means that the plan must demonstrate that projects can be implemented using revenue sources that are already committed, available, or reasonably expected to be available in the future.

Materials released for comment include all the following:
This summary memorandum that includes:

- major project profiles, project description sheets for new and significantly changed projects, and matrices showing which regional goals, Aspirational Initiatives, and federal planning factors the projects address
- Air Quality Conformity Input Tables, which list every project record that will be analyzed, the tables identify changes to the 600+ records submitted by member agencies
- Air Quality Conformity Analysis Scope of Work, which provides context and outlines work tasks to be performed in the analysis

BACKGROUND

The TPB approved the Technical Inputs Solicitation for the Constrained Element of the update to Visualize 2045 on December 16, 2020. The deadline for agencies to submit inputs was February 12, 2021. Additional work was required to ensure data quality and completeness as the TPB staff implements the new project database, Project InfoTrak, for the first time. TPB staff worked with TPB member agency staff to enter and

update hundreds of LRTP projects into Project InfoTrak. Staff reviewed and populated over 600 conformity records to develop the conformity project input table.

Based on the inputs received, TPB staff determined that the projects from the jurisdictions and agencies listed in this memorandum should be highlighted as the changes proposed for inclusion in the Constrained Element of Visualize 2045 for the 2022 update.

The project inputs are grouped by jurisdiction, and then classified as either a "New Major Project," a "Significant Change to Existing Major Project," or "New Non-Major Projects."

- The New Major Projects and Significantly Changed Existing Major Projects (numbered in the following list) are described in greater detail using project profiles that provide easy-to-understand descriptions, individual project maps, and an explanation of how each project supports the region's goals. These projects also are documented with project description sheets.
- The remaining non-major new and significantly changed projects are documented with project description sheets.
- The new and significantly changed Major projects and other new/significantly changed non-Major projects are summarized in the analysis matrices, showing how projects support the goals of the TPB's Regional Transportation Priorities Plan (Table 1), Aspirational Initiatives, (Table 2), and the Federal Planning Factors (Table 3).
- Projects have a Constrained Element (CE) ID listed, this matches the ID numbers on the project profiles and project description sheets to facilitate review.

After the comment period closes on May 3, 2021, the next steps in developing the Constrained Element are to share comments and draft responses with the TPB at the May meeting, and then for the TPB to approve projects for inclusion in the air quality conformity analysis and the conformity scope of work at their June meeting.

This memo summarizes project submissions and provides all the information which has been released for a 30-day public comment period on April 2, 2021.

REGIONAL POLICY FRAMEWORK FOR DEVELOPMENT OF THE VISUALIZE 2045 UPDATE

The Technical Inputs Solicitation document requires agencies to consider regional goals, priorities and needs as they developed and selected projects to submit for inclusion in the update to the Constrained Element of Visualize 2045. The project description form asked agencies to explain how their new projects support the goals laid out in the Regional Transportation Priorities Plan (RTPP) and how they implement the TPB's Aspirational Initiatives. The agencies' responses to those questions have been compiled in Table 1 and 2 in the attachment, along with the agencies' responses to how projects support the federal Planning Factors in Table 3. Additionally, staff developed individual project profile sheets that provide readers with "at a glance" information, as well as a narrative describing how the proposed major project supports the RTPP and other regional goals. A Project Profile has been created for each of the four major projects proposed for inclusion or updating in the air quality conformity analysis. The individual project description forms for new and changed projects follow the Project Profiles.

AIR QUALITY CONFORMITY ANALYSIS SCOPE OF WORK

This scope of work provides a context in which to perform the conformity analyses and presents an outline of the work tasks required to address all regulations currently applicable.

PUBLIC COMMENT PERIOD

The project submissions for inclusion in the Air Quality Conformity Analysis of the Constrained Element of 2022 update to Visualize 2045 were released for public comment on April 2, 2021. The attached materials present a summary of the major new projects and changes to existing major projects included in the technical submissions. The public comment period ends on May 3, 2021 at midnight.

Comments may be submitted by any of the following means:

Write: Charles Allen, Chair
National Capital Region Transportation Planning Board
Metropolitan Washington Council of Governments
777 North Capitol Street NE, Suite 300
Washington, DC 20002-4239

Telephone: Call (202) 962-3262 to leave a 3-minute voice mail

Online: www.mwcog.org/TPBcomment

Email: TPBComment@mwcog.org subject line: Visualize 2045 2021 Public Comment

Please note:

The Metropolitan Washington Council of Governments (COG) fully complies with Title VI of the Civil Rights Act of 1964 and related statutes and regulations prohibiting discrimination in all programs and activities. For more information, or to file a Title VI related complaint, see www.mwcog.org/publications/nondiscrimination.asp or call (202) 962-3200. If information is needed in another language, then contact (202) 962-3200.

El Consejo Metropolitano de Gobiernos de Washington (COG) cumple con el Título VI de la Ley sobre los Derechos Civiles de 1964 y otras leyes y reglamentos en todos sus program's y actividades. Para obtener información en español, o para someter una demanda relacionado al Título VI, visite nuestra página web www.mwcog.org/publications/nondiscrimination.asp o llame al (202) 962-3300. Para obtener información en otra idioma, llame al (202) 962-3200.

SUMMARY OF PROJECT SUBMISSIONS

The materials in this memorandum highlight 20 new or updated significant projects with "at a glance" profiles, complete project description forms, and matrices detailing how the projects support regional transportation goals and federal planning factors. This memo also lists some projects that have been reduced in scope or are proposed for removal from the Constrained Element. Each proposed change is itemized in detail in the 2022 update to Visualize 2045 Air Quality Conformity Network Inputs tables included with this item.

New and significantly changed existing major projects:

In the District of Columbia, DDOT is proposing to implement bus-only lanes on H and I street.

In Maryland, MDOT is proposing to update the Traffic Relief Plan (TRP) project:

- The I-495 component of MDOT's "Traffic Relief Plan" project, in the current plan, Visualize 2045, will add two dynamically priced managed toll lanes in each direction along the Capital

Beltway between the Virginia end of the American Legion Bridge to the Maryland end of the Woodrow Wilson Bridge, by 2025. The proposed update to this component of the TRP includes the following changes: changing the managed lanes along the entire Maryland Beltway from Express Toll Lanes (ETLs) to High Occupancy Toll (HOT) lanes in each direction and changing the completion date for the segment of the HOT lanes from MD 355 to the Wilson Bridge from 2025 to 2030. While all users pay toll on ETLs, only those vehicles not meeting high occupancy requirements will pay tolls on HOT lanes.

- The I-270 component of MDOT's "Traffic Relief Plan" (TRP) project, in the current plan, Visualize 2045, will add two dynamically priced managed lanes in each direction along I-270 between the Capital Beltway (I-495) and I-70/US 40, by 2025, while retaining the existing HOV lane in each direction. The proposed update to this component of the TRP includes the following changes: changing the managed lanes along I-270 from ETLs in each direction to HOT lanes in each direction; adding one additional HOT lane in each direction (in essence the previously proposed 2 lanes is being reduced to one while retaining the existing HOV lane and converting it to HOT lanes in each direction) and changing the completion date for the segment from I-370 to I-70 from 2025 to 2030.
- Another stated change is that MDOT has indicated that carpool/vanpools of three or more occupants will ride free on the HOT lanes on the I-495 and I-270 components of the TRP.

In Virginia, Loudoun County together with VDOT is proposing to:

- Construct a new 4-lane road for completion in 2029, the US-50 North Collector Road

2020 AMENDMENT TO VISUALIZE 2045 PROJECT LIST

The following list and maps contain all of the projects that will be included in the Visualize 2045 Constrained Element. Many of these projects have been previously approved. New or significantly changed projects are identified with **bold text** in the list below. Costs identified include updated total project costs which may include additional elements presented in another list(s).

For details regarding the long-range transportation plan update and inputs to the air quality conformity analysis, please view https://www.mwcog.org/transportation/planning-areas/air-quality-and-environment/air-quality-conformity/

MAJOR HIGHWAY PROJECTS

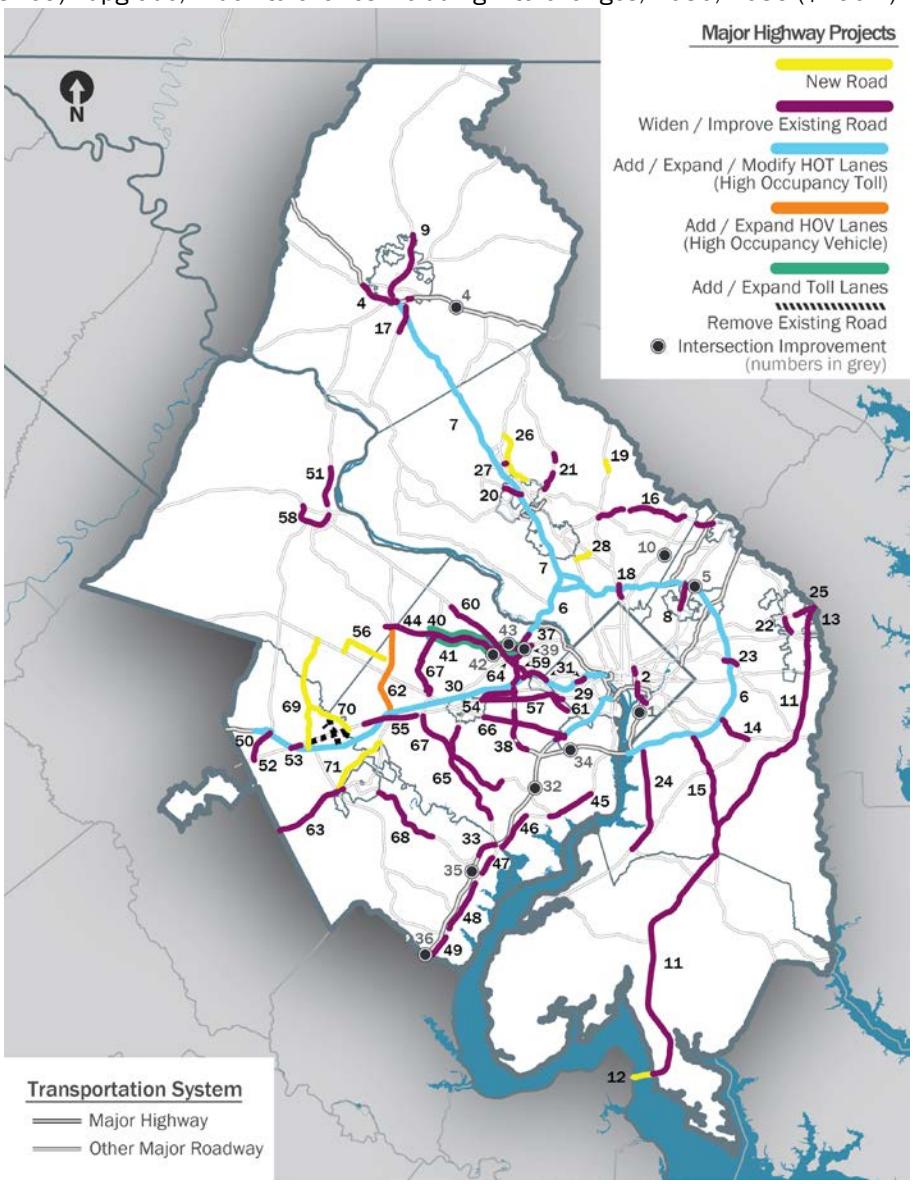
DISTRICT OF COLUMBIA
MAJOR HIGHWAYS
1. I-295 (CE2860) - reconstruct interchange at Malcolm X Blvd, 2022 ($200M)

LOCAL ROADS
2. South Capitol St (CE3423) - convert to 6 lane urban Blvd., incl. Franklin Douglas Bridge Reconstruction, 2025 ($777M)
3. Lane Reductions/Reconfigurations for Bicycle Lanes, various years, not mapped

MARYLAND
MAJOR HIGHWAYS
4. I-70 (CE1187, CE2250) - widen to 6 lanes with interchange at Meadow Rd, 2025, 2035 ($176M)
5. I-95/I-495 (CE1479) - interchange at Greenbelt Metro Sta, 2030 ($196M)
6. I-95/I-495 (CE3281, CE1182, CE6432) - Traffic Relief Plan, construct 2 managed lanes in each direction, 2025 ($4.2B)

7. I-270 (CE6432) - Traffic Relief Plan, construct 1 managed lane & convert HOV to managed lane in each direction, 2025 ($3.4B)
8. US-1 (Baltimore Ave) (CE1202, CE3108) - reconstruct 4 lanes, 2023, 2035 ($116M)
9. US-15 (Frederick Fwy and Catoctin Mtn Hwy) (CE3566, CE3567) - widen to 6 lanes with interchange at Biggs Ford Rd, 2030, 2040 ($420M)
10. US-29 (Columbia Pke) (CE1197, CE3641) - improve interchanges at Stewart Ln, Tech Rd/Industrial Pkwy, Musgrove Rd/Fairland Rd, Greencastle Rd, and Blackburn Rd, 2030, 2025, 2045 ($646M)
11. US-301 (Crain Hwy) - widen to 6 lanes, 2045 ($4.6B)
12. US-301 - Governor Harry Nice Memorial Bridge, 2023 ($768M)

STATE ROUTES
13. MD-3 (Robert Crain Hwy) (CE1195) - widen to 6 lanes, 2035 ($1.8B)
14. MD-4 (Pennsylvania Ave) (CE1194, CE3547) - widen to 6 lanes with interchanges at Dowerhouse Rd, Westphalia Rd, and Suitland Pkwy, 2040 ($533M)
15. MD-5 (Branch Ave) (CE1196, CE3469) - upgrade, widen to 6 lanes including interchanges, 2030, 2035 ($790M)
16. MD-28 (Norbeck Rd) / MD-198 (Spencerville Rd) (CE1462, CE3476) - reconstruct, widen portions to 4 lanes, 2045 ($413M)
17. MD-85 (Buckeystown Pke) (CE1210) - widen to 4, 6 lanes, 2022, 2035 ($220M)
18. MD-97 (Georgia Ave) (CE2618) - widen to 8 lanes, 2030 ($104M)
19. MD-97 (Brookeville Bypass) (CE1213) - construct 2 lane bypass, 2021 ($52M)
20. MD-117 (Clopper Rd) (CE1203) - widen to 3, 4 lanes, 2030, 2035 ($69M)
21. MD-124 (Woodfield Rd) (CE1206, CE3057) - widen to 6 lanes, 2035 ($129M)
22. MD-197 (Collington Rd) (CE2253) - widen to 4 lanes, 2030 ($94M)
23. MD-202 (Landover Rd) (CE1190) - Largo Town Center Metro Access Improvement, reconstruct 6 lanes, 2045 ($24M)
24. MD-210 (Indian Head Hwy) (CE1199) - upgrade to 6 lanes and interchange improvement, 2040 ($754M)
25. MD-450 (Annapolis Rd) (CE1207) - widen to 4 lanes, 2030 ($67M)



LOCAL ROADS
26. Midcounty Hwy Extension (MD-83) (CE1245) - construct 4, 6 lanes, 2045 ($202M)
27. Middlebrook Rd Extended (CE1229) - widen to 4 lanes, 2045 ($16M)
28. Montrose Pkwy East (CE3703) - construct 4 lanes, 2025 ($120M)

VIRGINIA

MAJOR HIGHWAYS

29. I-66 HOT (Inside Beltway) (CE2096, CE3484), revise operations from HOT 2+ to HOT 3+ during peak hours and bus service, 2022, 2040 ($375M)
30. I-66 HOT (Outside Beltway) (CE3448) – widen/construct HOT lanes and bus service, 2021, 2022, 2040 ($4.4B)
31. I-66 (CE3484) - Extend existing westbound acceleration/deceleration lane and add additional lane eastbound 2022, 2040 ($59M)
32. I-95/Fairfax County Parkway (CE2667, CE2668) - enhanced interchanges for BRAC, 2025 ($57M)
33. I-95 (CE3667) - add southbound auxiliary lane, 2022 ($54M)
34. I-95/I-495 (CE2147) - reconstruct interchange at Van Dorn St, 2030 ($40M)
35. I-95 (CE3697) - construct HOT reversible ramps to access VA-642 (Opitz Road), 2022 ($60M)
36. I-95 (CE3556) - construct HOT lanes ramp south of Russel Rd., 2022 ($16M)
37. I-495 (CE2069) - construct 4 HOT lanes with northbound shoulder lane and new ramps, 2025 ($500M)
38. I-495 Auxiliary Lanes (CE3272) - construct 2 auxiliary lanes in both directions, 2030 ($3M)
39. I-495 (CE3208, CE3186, CE2069) - interchanges at VA 267, 2025, 2030, 2045 ($70M)
40. Dulles Toll Rd (VA-267) (CE3151, CE3154) - Collector-Distributor Road west-bound, 2035, 2037 ($62M)
41. Dulles Toll Rd (VA-267) (CE3151, CE3154) - Collector-Distributor Road east-bound, 2035, 2036 ($124M)
42. Dulles Toll Rd (VA-267) (CE3152) - interchange at New Boone Blvd Extension, 2037 ($79M)
43. Dulles Toll Rd (VA-267) (CE3153) - interchange at Greensboro Drive/Tyco Rd, 2036 ($28M)
44. Dulles Access Rd (VA 267) (CE1965) - widen to 6 lanes including interchange reconstruct at I-495, 2030 ($40M)
45. US-1 (Richmond Hwy) (CE1942) - widen to 6 lanes, 2028 ($37M)
46. US-1 (Richmond Hwy) (CE3180) - widen to 6 lanes, 2035 ($127M)
47. US-1 (Richmond Hwy) (CE3173) - widen to 6 lanes, 2022 ($125M)
48. US-1 (Richmond Hwy) (CE2594) - widen to 6 lanes, 2030 ($127M)
49. US-1 (Richmond Hwy) (CE3291) - widen to 6 lanes, 2040 ($58M)
50. US-15 (James Madison Hwy) (CE3162) - widen to 4 lanes, 2030 ($45M)
51. US-15 (James Madison Hwy) (CE3738) - widen to 4 lanes, 2026 ($110M)
52. US-15 (James Madison Hwy) (CE3162)- widen to 4 lanes, 2040 ($54M)
53. US-29 (Lee Hwy) (CE1993) - widen to 5 lanes, 2030 ($255M)
54. US-29 (Lee Hwy) (CE1933) - widen to 6 lanes, 2040 ($130M)
55. US-29 (Lee Hwy) (CE3474) - widen to 6 lanes, 2024 ($32M)
56. **US-50 North Collector Road (CE3739) – construct new 4 lane road, 2029 ($110M)**
57. US-50 (Arlington Blvd) (CE2182) - widen to 6 lanes, 2035 ($249M)

STATE ROUTES

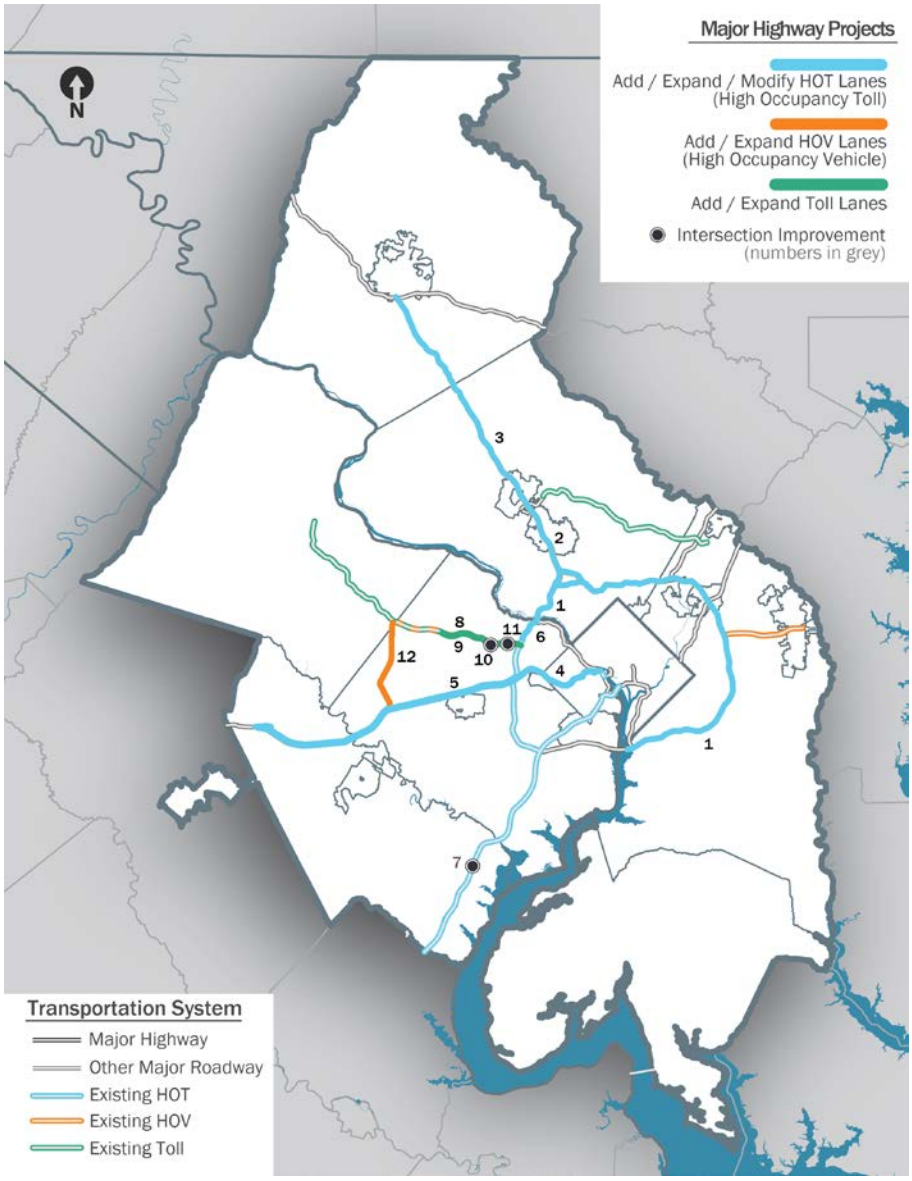
58. VA-7/US-15 Bypass (Harry Byrd Hwy) (CE1870) - upgrade and widen to 6 lanes, 2040 ($55M)
59. VA-7 (Leesburg Pke) - (CE3161) widen to 6 lanes, 2030 ($71M)
60. VA-7 (Leesburg Pke) (CE2105) - widen to 6, 8 lanes, 2024, 2030 ($314M)
61. VA-7 (Leesburg Pke) (CE2175) - widen to 6 lanes, 2030 ($34M)
62. VA-28 (Sully Rd) (CE1734) - widen to 8-10 lanes, HOV in additional lanes during peak, 2021, 2025, 2040 ($100M)
63. VA-28 (Nokesville Rd) (CE2045) - widen to 4 or 6 lanes, 2022, 2040 ($71M)
64. VA-123 (Chain Bridge Rd) (CE3376, CE3698) - widen to 6, 8 lanes, 2030 ($22M)
65. VA-123 (Ox Road) (CE1784, CE1856) - widen to 6 lanes, 2030 ($70M)
66. VA-236 (Little River Tpke) (CE1760) - widen to 6 lanes, 2030 ($58M)
67. VA-286 (Fairfax County Pkwy) (CE2106) - widen to 6, 2030, 2035, 2040 ($197M)
68. VA-294 (Prince William Pkwy) - widen to 6 lanes, 2040 ($263M)
69. Manassas Bypass (VA-234 Bypass) - (CE1897) construct 4 lanes, 2040 (costs captured in other projects)
70. Manassas Battlefield Bypass (CE3061) - construct 4 lanes and close portions of US-29 (Lee Hwy) and VA-234 (Sudley Rd), 2030, 2040 ($28M)
71. VA 28 Manassas Bypass (CE1865) - construct 4 lanes, 2025

Major HOT, HOV, and Toll Lane Projects*

* HOT = High-Occupancy Toll Lanes. HOV = High-Occupancy Vehicle Lanes

MARYLAND
MAJOR HIGHWAYS

1. I-95/I-495 (CE3281, CE1182, CE6432) Traffic Relief Plan - construct 2 managed lanes in each direction, 2025 ($4.2B)
2. I-270 (CE6432) Traffic Relief Plan - construct 1 managed lane & convert HOV to managed lane in each direction, 2025 ($3.4B)
3. I-270 (C 6432) Traffic Relief Plan - construct 2 managed lanes in each direction, 2030 ($3.4B)



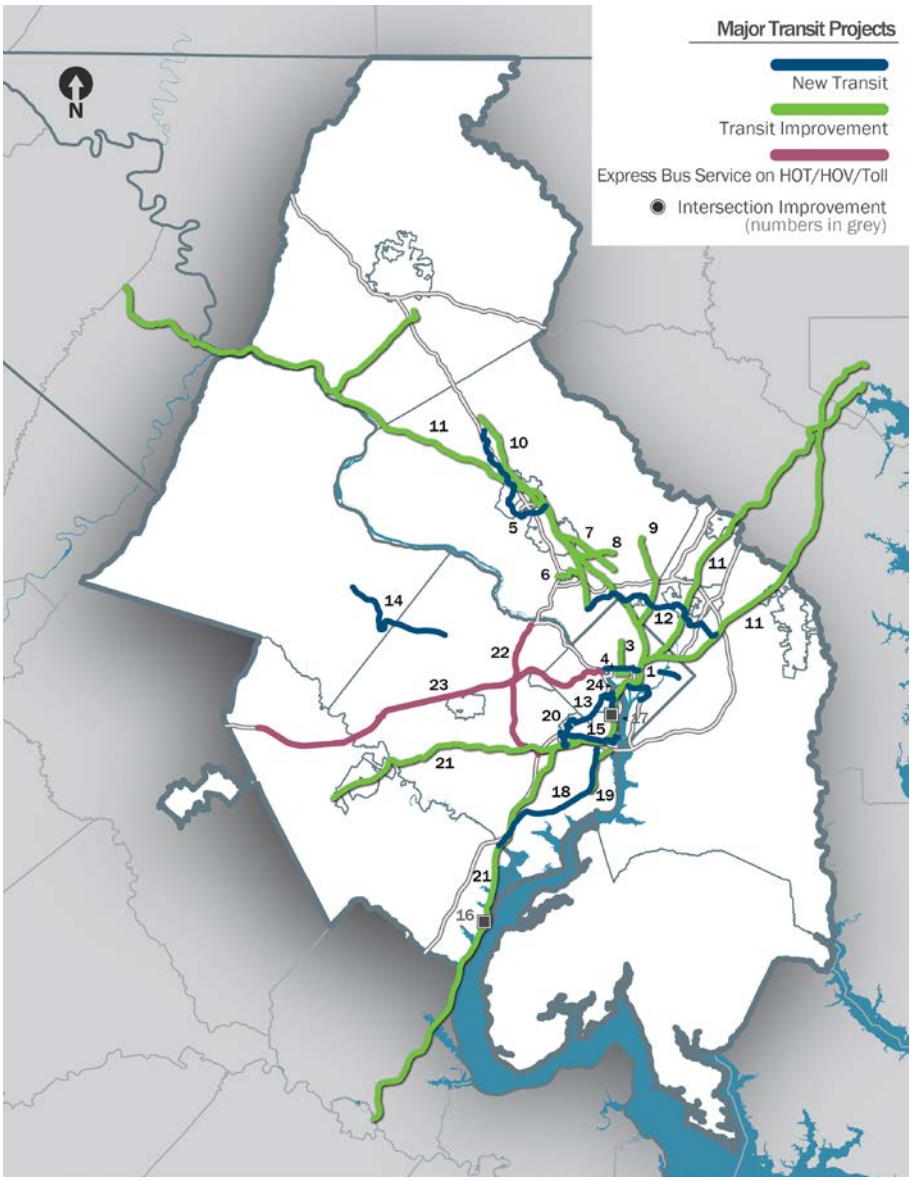
VIRGINIA
MAJOR HIGHWAYS

4. I-66 HOT (Inside Beltway) (CE2096, CE3484) - revise operations from HOT 2+ to HOT 3+ during peak hours and bus service, 2022, 2040 ($375M)
5. I-66 HOT (Outside Beltway) (CE3448) - widen/construct HOT lanes and bus service, 2021, 2022, 2040 ($4.4B)
6. I-495 (CE2069) - construct 4 HOT lanes, 2025 ($500M)
7. I-95 (CE3697) - construct HOT reversible ramps to access VA-642 (Opitz Road), 2022 ($60M)
8. Dulles Toll Rd (VA-267) (CE3151, CE3154) - Collector-Distributor Road west-bound, 2035, 2037 ($62M)
9. Dulles Toll Rd (VA-267) (CE3151, CE3154) - Collector-Distributor Road east-bound, 2035, 2036 ($124M)
10. Dulles Toll Rd (VA-267) (CE3152) - interchange at New Boone Blvd Extension, 2037 ($79M)
11. Dulles Toll Rd (VA-267) (CE3153) - interchange at Greensboro Drive/Tyco Rd, 2036 ($28M)

STATE ROUTES

12. VA-28 (Sully Rd) HOV(CE1734), widen to 8-10 lanes, HOV in additional lanes during peak, 2021, 2025, 2040 ($100M)

MAJOR TRANSIT PROJECTS



DISTRICT OF COLUMBIA

1. DC Streetcar (CE3081,5754) , 2026, 2040 ($348M)
2. DC Dedicated Bicycle Lane Network, various years (not mapped) ($800k)
3. 16th Street Bus Priority Improvements (6638), 2022 ($15M)
4. **DDOT H and I street Bus- Only Lanes (grouped project ID 3212) ($1.1 M**)

MARYLAND

5. Corridor Cities Transitway BRT (CE1649) - from Shady Grove to COMSAT, 2035
6. North Bethesda Transitway BRT (CE3663) - from Montgomery Mall to White Flint Metro, 2030 ($115M)
7. Veirs Mill Rd BRT (CE3103) - from Wheaton Metro to Rockville Metro, 2025 ($6M)
8. Randolph Rd BRT (CE3662) - from US-29 to MD-355, 2040 ($102M)
9. New Hampshire Ave. BRT (CE3672) - from Takoma Metro to Colesville P&R, 2045 ($285M)
10. MD-355 BRT (CE3424) - from Bethesda Metro to Clarksburg, 2030 ($1B)
11. MARC (CE3427) - Increase trip capacity and frequency along all commuter rail lines, 2029 ($1B)
12. Purple Line (CE2795) - Bethesda to New Carrollton, (completion date under review) ($2.7B)

VIRGINIA

13. Crystal City Transitway Northern & Southern Extension BRT - (CE3521, CE3648), 2022, 2025, 2030 ($52M)
14. Metro Silver Line (Dulles Corridor Metrorail Project) (CE1981) - Phase 2, 2022 ($2.9B)
15. Duke St Transitway - (CE2932) King St Metro to Fairfax County line, 2027 ($19M)
16. Potomac Shores VRE Station, (CE2831) 2022 ($26M)
17. Potomac Yard Metro Station, (CE3013) 2022 ($268M)
18. US-1 BRT from Huntington Metro Station to Woodbridge, (CE3496) 2030 ($504M)
19. US-1 bus lanes and improved intersections, (CE1942) 2035 ($37M)
20. West End Transitway (CE2930) - Van Dorn St Metro to Pentagon Metro and to Landmark, 2026, 2035 ($420M)
21. VRE - 3rd and 4th track projects to reduce headways along the Manassas and Fredericksburg Lines, (CE2832, CE2420) 2025, 2028, 2035 ($105M)
22. I-495 HOT Lane Express Bus Service, 2030 ($254M)
23. I-66 HOT Lane Enhanced Bus Service (CE3484, CE3448), 2025, 2040 ($375M)
24. Additional Long Bridge railroad crossing with two-tracks and pedestrian/bike access, 2027 ($1.9B)

The next major update to the long-range transportation plan will occur in 2026.

Plan and TIP Update Schedule

2020	12/16/20	The TPB will be asked to approve the Technical Inputs Solicitation document to initiate the Call for Projects.
	2/12/21	**Project inputs for the LRTP and Air Quality Conformity (AQC) analysis due to TPB staff.**
	3/5/21, 4/2/21	The TPB Technical Committee will review the conformity project inputs table in March and the draft inputs to the Plan and the draft AQC scope of work in April.
	4/2/21-5/3/21	Public comment period on inputs to the Plan/AQC analysis, and AQC scope of work. MWAQC TAC will review this information during the April meeting.
	4/21/2021	TPB will receive a briefing on the draft inputs to the Plan/AQC analysis and the draft AQC scope of work.
	5/19/21	The TPB will receive a summary of the public comments on the draft inputs to the Plan and AQC analysis. The TPB and the agencies sponsoring the projects will have the opportunity to discuss and advise staff on responses.
	6/16/21	The TPB will review responses to comments and updates to inputs to the Plan and scope of work for the AQC analysis. The TPB will be asked to approve the inputs and scope, authorizing staff to begin analysis.
2022	**3/11/22**	**Transportation Improvement Program (TIP) inputs due for the FY 2023-2026 TIP**
	4/1/22	The TPB Technical Committee will review the draft results of AQC analysis for the updated Plan and FY 2023-2026 TIP.
	4/1/22 - 5/1/22	Public comment period on the results of AQC analysis Determination for the updated Plan and FY 2023-2026 TIP.
	4/2022	MWAQC and MWAQC TAC will review the draft results of the AQC analysis during their meetings.
	4/20/22	The TPB will review the draft Plan, draft TIP, and AQC analysis and Determination.
	5/18/22	The TPB will review the draft results of the AQC analysis for the Plan and FY 2023-2026 TIP. The TPB will also receive a summary of the comments received on the analysis. The TPB and the agencies sponsoring the projects will have the opportunity to discuss and advise staff on responses to comments.
	6/15/22	The TPB will review the responses to the comments and the results of the AQC analysis. The TPB will be asked to approve the results of the AQC analysis and adopt the updated Plan and the FY 2023-2026 TIP.

Assessing LRTP Project Submissions against the Regional Transportation Priorities Plan (RTPP), Aspirational Initiatives and FAST Act

The Technical Inputs Solicitation for the Visualize 2045 update approved by the TPB on December 16, 2020 includes a set of questions under the Regional Policy Framework section. These questions are intended to examine how projects support the goals set forth in the Regional Transportation Priorities Plan (RTPP), the Aspirational Initiatives. The six RTPP goals are described here and are matched up with the corresponding questions from the Project Description form. The responses provided by the submitting agencies for all new and significantly changed projects proposed for the update to Visualize 2045 have been summarized in Table 1 and 2. The responses as to how the projects support the federal planning factors prescribed under MAP-21 and the FAST Act are shown in Table 2.

Question 32

Goal 1. Provide a Comprehensive Range of Transportation Options

- Does this project promote non-auto travel or can it be expected to reduce VMT?
- Identify all travel mode options that this project provides, enhances, supports or promotes.
- Is this project physically in an Equity Emphasis Area (EEA)? How does it improve equity?
- Does this project improve accessibility for historically transportation-disadvantaged individuals (i.e., persons with disabilities, low incomes, and/or limited English proficiency)?

Questions 33-35

Goal 2. Promote a Strong Regional Economy, Including a Healthy Regional Core and Dynamic Activity Centers

- Does this project begin or end in an Activity Center?
- Does this project connect two or more Activity Centers?
- Does this project promote non-auto travel within one or more Activity Centers?
- Does this project connect an Equity Emphasis Area to an Activity Center?

Question 36

Goal 3. Ensure Adequate System Maintenance, Preservation, and Safety

- Does this project contribute to enhanced system maintenance, preservation?

Questions 37-38

Goal 4. Maximize Operational Effectiveness and Safety of the Transportation System

- Is this project primarily designed to reduce travel time on highways and/or transit without building new capacity (e.g., ITS, bus priority treatments, etc.)?Is this project expected to
- significantly reduce fatalities or injuries among motorists, transit users, pedestrians, and/or bicyclists?

Questions 39-40

Goal 5. Enhance Environmental Quality, and Protect Natural and Cultural Resources

- Is this project 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)?
- Is this project expected to contribute to meeting the regional goal of reducing greenhouse gasses by 50% below 2005 levels by 2030?

Questions 41-42

Goal 6. Support Inter-Regional and International Travel and Commerce

- Does this project enhance, support, or promote the following freight carrier modes: long-haul truck, local delivery, rail, or air freight carrier modes?
- Does this project enhance, support, or promote the following passenger carrier modes: air, Amtrak intercity passenger rail, intercity bus?

TABLE 1
VISUALIZE 2045 UPDATE - PROJECT SUBMISSIONS AND THE REGIONAL TRANSPORTATION PRIORITIES PLAN GOALS

This matrix provides a visual summary of the responses provided by the relevant implementing agencies as to how their proposed projects and updated projects support the goals identified in the RTPP.

Project ID			GOAL 1													GOAL 2					GOAL 3		GOAL 4		GOAL 5		GOAL 6						
			SOV	HOV	MetroRail	Commuter Rail	Streetcar/Lt. Rail	BRT	Exp. Bus	Metrobus	Local Bus	Bicycling	Walking	Other	Disadvantaged Groups	Non Auto Travel/ Reduce VMT	Begin/End in AC	Connect ACs	Non-Auto w/in AC	Connect EEA to ACs	Maintenance	Reduce Time w/o Capacity	Enhance Safety	Criteria Pollutants	Greenhouse Gases	Long Haul Truck	Local Delivery	Freight Rail	Freight Air	Air Passenger	Amtrak	Intercity Bus
MAJOR PROJECTS*																																
1. H&I Bus Lanes	$ 1.1 Million	2021								✓	✓	✓				✓	✓		✓			✓		✓	✓							✓
2. I-270 Toll Lanes	$ 3.4 Billion	2025	✓	✓					✓	✓	✓					✓	✓						✓	✓	✓							
3. I-495 Toll Lanes	$ 4.2 Billion	2030	✓	✓					✓	✓	✓					✓	✓						✓	✓	✓							
4. US50 North Collector Rd	$ 110 Million	2029	✓	✓							✓				✓	✓										✓	✓	✓	✓			
OTHER PROJECTS																																
5. 16th St NW	$ 2 Million	2024	✓							✓			✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓							
6. MD 85 Buckeystown Pike	$ 140 Million	2035	✓												✓	✓							✓	✓	✓	✓				✓		
7. VA 620 Braddock Rd	$ 34 Million	2028									✓		✓		✓	✓		✓				✓					✓					
8. Worldgate Dr Ext.	$ 20 Million	2030													✓	✓	✓	✓		✓	✓	✓	✓									
9. VA 607 Loudoun Cty Pky	$ 3 Million	2022			✓						✓	✓			✓	✓																
10. VA 645 Croson Ln	$ 19 Million	2027			✓						✓					✓																
11. VA 659 Belmont Ridge Rd	$ 68 Million	2025										✓										✓	✓			✓						
12. Crosstrail Blvd	$ 66 Million	2026							✓			✓													✓	✓						✓
13. VA 3171 Northstar Blvd	$ 33 Million	2028										✓	✓		✓																	
14. Annapolis Way Ext	$ 8.7 Million	2028		✓					✓			✓	✓		✓	✓		✓						✓	✓							
15. Horner Rd	$ .3 Million	2030		✓					✓			✓	✓		✓	✓			✓					✓	✓							
16. Dale City Pkwy Node New Through Blvd	$ 10 Million	2030										✓	✓			✓									✓							
17. Williamson Blvd	$ 3 Million	2030									✓	✓	✓			✓								✓	✓							
18. Alexandria 4th Track	$ 185 Million	2025							✓			✓	✓	✓		✓	✓	✓						✓	✓			✓			✓	
19. Broad Run Expansion	$ 164 Million	2025		✓	✓							✓	✓	✓		✓	✓	✓		✓				✓	✓	✓		✓			✓	
20. Observation Drive	$ 113 Million	2035							✓		✓		✓			✓										✓					✓	

* Major projects are defined as changes to interstates, major arterials, and expressways or freeways with at-grade intersections, as well as dedicated transit facilities.

TABLE 2
VISUALIZE 2045 UPDATE - PROJECT SUBMISSIONS AND THE ASPIRATIONAL INITIATIVES

This matrix provides a visual summary of the responses provided by the relevant implementing agencies as to how their proposed projects support the Aspirational Initiatives

	Estimated Cost	Projected Completion	Bring Jobs and Housing Closer Together	Expand Bus Rapid Transit and Transitways Regionwide	Move More People on Metrorail	Provide More Telecommuting and Other Options for Commuting	Expand Express Highway Network	Improve Walk and Bike Access to Transit	Complete the National Capital Trail
MAJOR PROJECTS*									
1. H & I Bus Lanes	$1.1 Million	2021		✓				✓	
2. I-270 Toll Lanes	$3.4 Billion	2030					✓		
3. I-495 Toll Lanes	$4.2 Billion	2025					✓		
4. US 50 North Collector Rd	$110 Million	2028	✓				✓		
OTHER NEW PROJECTS									
5. 16th St NW	$2 Million	2024							
6. MD 85 Buckeystown Pike	$140 Million	2035							
7. VA 620 Braddock Rd	$34 Million	2028						✓	
8. Worldgate Dr Ext.	$20 Million	2030					✓		
9. VA 607 Loudoun Cty Pky	$3 Million	2022						✓	✓
10. VA 645 Croson Ln	$19 Million	2027			✓			✓	✓
11. VA 659 Belmont Ridge Rd	$68 Million	2025						✓	
12. Crosstrail Blvd	$66 Million	2026					✓		
13. VA 3171 Northstar Blvd	$33 Million	2028							
14. Annapolis Way Ext	$8.7 Million	2028	✓					✓	
15. Horner Rd	$0.3 Million	2030	✓					✓	
16. Dale City Parkway Node New Through Boulevard	$10 Million	2030	✓					✓	
17. Williamson Blvd	$3 Million	2030						✓	
18. Alexandria 4th Track	$185 Million	2025							
19. Broad Run Expansion	$164 Million	2025				✓		✓	
20. Observation Dr	$113 Million	2035		✓				✓	

*** Major projects are defined as changes to interstates, major arterials, and expressways or freeways with at-grade intersections, as well as dedicated transit facilities.**

TABLE 3
VISUALIZE 2045 UPDATE - PROJECT SUBMISSIONS AND THE FEDERAL PLANNING FACTORS

This matrix provides a visual summary of the responses provided by the relevant implementing agencies as to how their proposed projects support the planning factors set forth in the FAST Act

	Estimated Cost	Projected Completion	Economic Vitality	Safety	Homeland Security	Accessibility/Mobility People	Accessibility/Mobility Freight	Environment	Integration/Connectivity	Management & Operation	Preservation	Resiliency & Stormwater Impact	Tourism
MAJOR PROJECTS*													
1. H & I Bus Lanes	$1.1 Million	2021	✓	✓		✓		✓					
2. I-270 Toll Lanes	$3.4 Billion	2030	✓	✓	✓	✓	✓	✓	✓	✓			
3. I-495 Toll Lanes	$4.2 Billion	2025	✓	✓	✓	✓	✓	✓	✓	✓			
4. US 50 North Collector Rd	$110 Million	2028	✓			✓	✓		✓				✓
OTHER NEW PROJECTS													
5. 16th St NW	$2 Million	2024	✓	✓		✓		✓	✓	✓			
6. MD 85 Buckeystown Pike	$140 Million	2035	✓										
7. VA 620 Braddock Rd	$34 Million	2028		✓					✓	✓			
8. Worldgate Dr Ext.	$20 Million	2030				✓							
9. VA 607 Loudoun Cty Pky	$3 Million	2022		✓					✓				
10. VA 645 Croson Ln	$19 Million	2027				✓			✓				
11. VA 659 Belmont Ridge Rd	$68 Million	2025	✓	✓	✓	✓	✓	✓	✓	✓			
12. Crosstrail Blvd	$66 Million	2026				✓	✓		✓			✓	
13. VA 3171 Northstar Blvd	$33 Million	2028		✓		✓			✓				
14. Annapolis Way Ext	$8.7 Million	2028	✓			✓			✓				
15. Horner Rd	$0.3 Million	2030	✓			✓			✓				
16. Dale City Parkway Node New Through Boulevard	$10 Million	2030				✓			✓				
17. Williamson Blvd	$3 Million	2030				✓							
18. Alexandria 4th Track	$185 Million	2025	✓	✓	✓	✓	✓	✓	✓	✓	✓		
19. Broad Run Expansion	$164 Million	2025	✓	✓		✓	✓	✓	✓	✓		✓	✓
20. Observation Dr	$113 Million	2035	✓	✓		✓		✓	✓	✓	✓	✓	✓

Federal Planning Factors

- Support the **economic vitality** of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency.
- Increase the **safety** of the transportation system for all motorized and non-motorized users.
- Increase the ability of the transportation system to support **homeland security** and to safeguard the personal security of all motorized and non-motorized users.
- Increase accessibility and mobility of **people**.
- Increase accessibility and mobility of **freight**.
- 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.
- Enhance the **integration and connectivity** of the transportation system, across and between modes, for people and freight.
- Promote efficient system **management and operation**.
- Emphasize the **preservation** of the existing transportation system.
- Improve the **resiliency** and reliability of the transportation system and reduce or **mitigate** stormwater impacts of surface Transportation
- Enhance travel and **tourism**

*** Major projects are defined as changes to interstates, major arterials, and expressways or freeways with at-grade intersections, as well as dedicated transit facilities.**

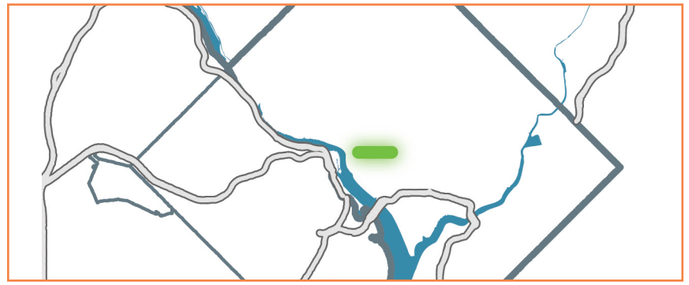
ROADWAY TRANSIT PED/BIKE

H AND I STREET NW BUS PRIORITY

Proposed Change

visualize 2045 — A long-range transportation plan for the National Capital Region

Interactive Project Map



Project Information

Project Length.....0.88 mi
Anticipated Completion.....2021
Estimated Cost of Construction.....$1.1 Million
Submitting Agency.....DDOT
TIP ID.....3212
Anticipated Funding Sources..... Federal

Project Description

H/I Street NW Bus Priority. Upgrade to exiting bus lanes. Includes double bus lane adjacent to Franklin Park and Lafayette Sq. and offset bus lane. Bicycles allowed in the bus lanes per DC regulations..

Existing Support for This Project

This project has been reviewed at the local, state, and/or subregional levels and is included in the following approved plans: To help improve bus travel speeds and reliability for the routes that use H and I Streets (which represent up to 20% of Metrobus riders in the District), the District Department of Transportation (DDOT) implemented a bus lane pilot on both streets, roughly between Pennsylvania Avenue and 13th Street NW. The pilot operated from June 3, 2019, to September 27, 2019. DDOT revised designs based on this pilot and solicited feedback on the draft concepts from the community and stakeholders in late 2020 and early 2021, in preparation for construction in 2021.

Federal Planning Factors

- Support Economic Vitality
- Increase Safety for All Users
- Increase Accessibility and Mobility of People
- Protect and Enhance the Environment

Consideration of Alternatives to Adding SOV Capacity

- Not Applicable

Comment Periods (Visit mwcog.org/tpbcomment)

April 2- May 3, 2021 - Comment on the projects before they are included in the federally required Air Quality Conformity Analysis

2022 - Comment on projects and any other aspect of the draft Visualize 2045 plan before final TPB

How this project supports or advances RTTP goals

The TPB's Regional Transportation Priorities Plan (RTPP) and Aspirational Initiatives called upon the region to implement transitways to improve the performance of bus transportation in the region. This project will expand transportation choices (Goal 1) by providing more reliable travel on local bus in dedicated lanes that allow people on bicycles. This project will also connect activity centers (Goal 2) and has the potential to reduce VMT and greenhouse gasses by reducing dwell time and offering an fast and reliable option instead of travel by SOV (Goal 5, 6).

Goal 1: Provide a Range of Transportation Options

- Bicycling
- Local Bus
- Metrobus

Goal 2: Promote Dynamic Activity

- Begins or ends in an Activity Center
- Promotes non-auto travel within one or more Activity Centers.

Goal 3: Ensure System Maintenance, Preservation, and Safety Centers

- Not Applicable

Goal 4: Maximize Operational Effectiveness and Safety

- Not Applicable

Goal 5: Protect and Enhance the Natural Environment

Expected to contribute to reductions in emissions of:

- Criteria Pollutants (NOx, VOCs, PM2.5)
- Greenhouse Gases

Goal 6: Support Interregional and International Travel and Commerce

Enhances, supports, or promotes the following passenger carrier modes:

- Intercity Bus

Information about how projects advance regional goals and address federal planning requirements is self-reported by the agencies submitting projects for inclusion in Visualize 2045.

The information on this form was last updated on April 1, 2021.

ROADWAY TRANSIT PED/BIKE

I-270 TOLL LANES

Proposed Change

visualize 2045 — A long-range transportation plan for the National Capital Region

Project Information

Project Length.....34 mi
Anticipated Completion.....2025
Estimated Cost of Construction.....3.4 Billion
Submitting Agency.....MDOT SHA
TIP ID.....6432
Anticipated Funding Sources.....State/Private

Interactive Project Map

Project Description

The I-270 component of MDOT's "Traffic Relief Plan" project will add two dynamically priced managed lanes in each direction along I-270 between the Capital Beltway (I-495) and I-70/US 40.

Existing Support for This Project

This project has been reviewed at the local, state, and/or subregional levels and is included in the following approved plans:

- MDOT/SHA Traffic Relief Plan
- Montgomery County 2017 Transportation Priority Letter

Federal Planning Factors

- Support Economic Vitality
- Increase Safety for All Users
- Support Homeland and Personal Security
- Increase Accessibility and Mobility of People and/or Freight
- Protect and Enhance the Environment
- Enhance Integration and Connectivity
- Promote Efficient System Management and Operation

Consideration of Alternatives to Adding SOV Capacity

The agency or agencies submitting this project considered the following congestion-mitigation measures before proposing to significantly increase capacity for single-occupant vehicles (SOVs):

- Transportation demand management measures (including growth management and congestion pricing)
- Traffic operational improvements • Public transportation improvements
- Intelligent Transportation Systems (ITS) technologies • Other congestion management strategies

Comment Periods (Visit mwcog.org/tpbcomment)

April 2- May 3, 2021 - Comment on the projects before they are included in the federally required Air Quality Conformity Analysis

2022 - Comment on projects and any other aspect ofthe draft Visualize 2045 plan before final TPB adoption.

How this project supports or advances RTTP goals

The TPB's Regional Transportation Priorities Plan (RTPP) and Aspirational Initiatives called upon the region to use tolling and pricing mechanisms to manage road congestion and raise revenue. New toll lanes on the 34-mile length of I-270 will dramatically expand transportation choices (Goal 1) in the region by adding dynamic pricing on managed lanes to ensure free-flowing travel for drivers and for express bus services. Carpool/vanpools of three or more occupants will ride free. Along with the I-495 Toll Lanes, this project significantly expands the region's network of priced managed lanes. The project will connect numerous Activity Centers (Goal 2), the region's focal points for economic growth and, improve interstate commerce (Goal 6).

Goal 1: Provide a Range of Transportation Options

- Single Driver (SOV) • Carpool/HOV • Local Bus
- Express/Commuter Bus • Metrobus
- Improves accessibility for historically transportation-disadvantaged individuals

Goal 2: Promote Dynamic Activity

- Begins or ends in an Activity Center
- Connects two or more Activity Centers

Goal 3: Ensure System Maintenance, Preservation, and Safety Centers

- Contributes to enhanced system maintenance, preservation, or safety

Goal 4: Maximize Operational Effectiveness and Safety

- Enhances safety for motorists, transit users, pedestrians, and/or bicyclists

Goal 5: Protect and Enhance the Natural Environment

Expected to contribute to reductions in emissions of:

- Criteria Pollutants (NOx, VOCs, PM2.5) • Greenhouse Gases

Goal 6: Support Interregional and International Travel and Commerce

Enhances, supports, or promotes the following freight carrier modes:

- Long-haul Truck • Local Delivery

Enhances, supports, or promotes the following passenger carrier modes:

- Intercity Bus

Information about how projects advance regional goals and address federal planning requirements is self-reported by the agencies submitting projects for inclusion in Visualize 2045.

The information on this form was last updated on April 1, 2021.

ROADWAY TRANSIT PED/BIKE

1-95/I-495 TOLL LANES

Proposed Change

visualize 2045 — A long-range transportation plan for the National Capital Region

Project Information

Project Length.....48 mi
Anticipated Completion.....2030
Estimated Cost of Construction.....4.2 Billion
Submitting Agency.....MDOT SHA
TIP ID.....6432
Anticipated Funding Sources..... State/Private

Interactive Project Map

Project Description

The I-495 component of MDOT's "Traffic Relief Plan" project will add two dynamically priced managed toll lanes in each direction along the Capital Beltway between the Virginia end of the American Legion Bridge to the Maryland end of the Woodrow Wilson Bridge.

Existing Support for This Project

This project has been reviewed at the local, state, and/or subregional levels and is included in the following approved plans:

- MDOT/SHA Traffic Relief Plan
- Montgomery County 2017 Transportation Priority Letter
- 2009 Prince George's County Master Plan of Transportation (MPO)

Federal Planning Factors

- Support Economic Vitality
- Increase Safety for All Users
- Support Homeland and Personal Security
- Increase Accessibility and Mobility of People and/or Freight
- Protect and Enhance the Environment
- Enhance Integration and Connectivity
- Promote Efficient System Management and Operation

Consideration of Alternatives to Adding SOV Capacity

The agency or agencies submitting this project considered the following congestion-mitigation measures before proposing to significantly increase capacity for single-occupant vehicles (SOVs):

- Transportation demand management measures (including growth management and congestion pricing)
- Traffic operational improvements Public transportation improvements
- Intelligent Transportation Systems (ITS) technologies • Other congestion management strategies

Comment Periods (Visit mwcog.org/tpbcomment)

April 2- May 3, 2021 - Comment on the projects before they are included in the federally required Air Quality Conformity Analysis

2022 - Comment on projects and any other aspect ofthe draft Visualize 2045 plan before final TPB

How this project supports or advances RTTP goals

The TPB's Regional Transportation Priorities Plan (RTPP) and Aspirational Initiatives called upon the region to use tolling and pricing mechanisms to manage road congestion and raise revenue. New toll lanes on the 48-mile length of Maryland's Capital Beltway will dramatically expand transportation choices (Goal 1) in the region by adding dynamic pricing on managed lanes to ensure free-flowing travel for drivers and for express bus services. Carpool/vanpools of three or more occupants will ride free. Along with the I-270 Toll Lanes, this project significantly expands the region's network of priced managed lanes. The project will connect numerous Activity Centers (Goal 2), the region's focal points for economic growth, and improve interstate commerce (Goal 6).

Goal 1: Provide a Range of Transportation Options

- Single Driver (SOV) • Carpool/HOV • Local Bus
- Express/Commuter Bus • Metrobus
- Improves accessibility for historically transportation-disadvantaged individuals

Goal 2: Promote Dynamic Activity

- Begins or ends in an Activity Center
- Connects two or more Activity Centers

Goal 3: Ensure System Maintenance, Preservation, and Safety Centers

- Contributes to enhanced system maintenance, preservation, or safety

Goal 4: Maximize Operational Effectiveness and Safety

- Enhances safety for motorists, transit users, pedestrians, and/or bicyclists

Goal 5: Protect and Enhance the Natural Environment

Expected to contribute to reductions in emissions of:

- Criteria Pollutants (NOx, VOCs, PM2.5) • Greenhouse Gases

Goal 6: Support Interregional and International Travel and Commerce

Enhances, supports, or promotes the following freight carrier modes:

- Long-haul Truck • Local Delivery

Enhances, supports, or promotes the following passenger carrier modes:

- Intercity Bus

Information about how projects advance regional goals and address federal planning requirements is self-reported by the agencies submitting projects for inclusion in Visualize 2045.

The information on this form was last updated on April 1, 2021.

ROADWAY TRANSIT PED/BIKE

ROUTE 50/NORTH COLLECTOR ROAD

New Construction

visualize 2045 — A long-range transportation plan for the National Capital Region

Project Information

Project Length.....3 mi
Anticipated Completion.....2029
Estimated Cost of Construction.....$110 Million
Submitting Agency.....VDOT
CEID.....3739
Anticipated Funding Sources..... Local

Interactive Project Map

Project Description

This project provides funding for planning, design, right- of- way acquisition, and construction of a roadway from Route 50 at Tall Cedars Parkway to the Air and Space Museum Parkway Interchange in Fairfax County at Route 28. The project entails construction of a four lane median divided roadway to the north of Route 50 to provide additional capacity to the Route 50 corridor.

Existing Support for This Project

This project has been reviewed at the local, state, and/or subregional levels and is included in the following approved plans:

- Loudoun County 2019 Countywide Transportation Plan
- The Capital Improvement Program (CIP)

Federal Planning Factors

- Support Economic Vitality
- Increase Accessibility and Mobility of People and/or Freight
- Enhance Integration and Connectivity
- Enhance travel and tourism

Consideration of Alternatives to Adding SOV Capacity

The agency or agencies submitting this project considered the following congestion-mitigation measures before proposing to significantly increase capacity for single-occupant vehicles (SOVs):

- Traffic operational improvements

Comment Periods (Visit mwcog.org/tpbcomment)

April 2- May 3, 2021 - Comment on the projects before they are included in the federally required Air Quality Conformity Analysis

2022 - Comment on projects and any other aspect of the draft Visualize 2045 plan before final TPB

How this project supports or advances goals

The TPB's Regional Transportation Priorities Plan (RTPP) identifies six goals. The new Northern Collector Road looks for project to improve transportation options by improving access and connectivity to an Activity Center (Goals 1, 2). The project is defined with considerations for safety, and will reduce recurring congestion, which helps to reduce greenhouse gasses while improving travel for people in cars and for freight (Goals 3, 6).

Goal 1: Provide a Range of Transportation Options

- Single Driver (SOV)
- Carpool/HOV
- Local Bus

Goal 2: Promote Dynamic Activity

- Begins or ends in an Activity Center

Goal 3: Ensure System Maintenance, Preservation, and Safety Centers

- Not Applicable

Goal 4: Maximize Operational Effectiveness and Safety

- Enhances safety for motorists, transit users, pedestrians, and/or bicyclists

Goal 5: Protect and Enhance the Natural Environment

- Not Applicable

Goal 6: Support Interregional and International Travel and Commerce

Enhances, supports, or promotes the following freight carrier modes:

- Long-haul Truck
- Local Delivery

Information about how projects advance regional goals and address federal planning requirements is self-reported by the agencies submitting projects for inclusion in Visualize 2045.

The information on this form was last updated on April 1, 2021.

PROJECT DESCRIPTION FORM
VISUALIZE 2045 - 2022 Update

visualize 2045 A long-range transportation plan for the National Capital Region

Administrative Information

1. Adoption/Amendment	2. Grouped Project?	3. Group Name	4. CE/TIP ID
45-22 LRTP Amendment 2023			

Project Information

5. Project Title

H and I Street NW Bus Priority

6. Project Description

H/I Street NW Bus Priority. Upgrade to exiting bus lanes. Includes double bus lane adjacent to Franklin Park and Lafayette Sq. and offset bus lane. Bicycles allowed in the bus lanes per DC regulations.

Form continues on next page.

7. Primary Project Type
Transit - High Capacity

8. Lead Agency
DDOT

9. Secondary Agency

10. County
Arlington
Charles
Fairfax
Fauquier
Loudoun
Frederick

11. Municipality

12. Primary Contact
Megan Kanagy

13. Phone
2026711598

14. Email
megan.kanagy@dc.gov

15. URL
https://ddot.dc.gov/page/bus-priority

16. Accommodations
Bike/Ped Accommodations Included

17. Complete St. Advance
This Project Advances Our Complete Streets Policy

18. Complete St. Exempt

19. Project Location

a. System
Roadways

b. Route

c. Location Type
Transit On Road

d. Facility Name
H/I Street Bus Lanes

e. From
Pennsylvania Ave

f. To
13th Street

g. Distance
0.88 miles

k. Bridge #

l. # of Locations

Conformity Information

20. Model Yes

21. Conformity Segments *

a. System
Roadways

b. Route

c. Location Type
Transit On Road

d. Facility Name
H/I Street Bus Lanes

e. From
Pennsylvania Ave

f. To
13th Street

g. Distance
0.88 miles

h. Conformity ID

i. Conformity Number

j. Agency ID

k. Improvement Type
Reduce Capacity

l. Facility Type From
Major Arterial

m. Facility Type To
Major Arterial

n. Lanes From

o. Lanes To

p. ROW Acquired

q. Under Construction

r. Projected Completion Year
2021

s. Actual Completed Year

* Use the attached Excel workbook or any additional segments required.

Form continues on next page.

Congestion Management Process Information

Use the checkboxes to indicate that the following statements about the project are true.

✓ 22 a. Traffic congestion conditions necessitate the proposed project or program and are: Recurring

b. If the congestion is on another facility, please identify it:

23. a. This project is capacity-increasing and on a limited access highway or other principal arterial.

b. The following exemption criteria apply to this project (select one, or indicate that none of the criteria apply).

24. CMP

Environmental Information

25. Document Type

26. Review Status

27. This project has been identified for the following potential environmental mitigation activities:

- Air Quality
- Energy
- Geology, Soil & Groundwater
- Hazardous and Contaminated Materials
- Noise
- Socioeconomics
- Surface Water
- Vibrations
- Wetlands

Programming Information

28. LRTP Funding

Analysis Band	Source	Phase	Amount
	Federal	PE	100000
	Federal	CON	1000000

Grand Total: 1,100,000

Schedule Information

29. Est. Completion Year	30. Actual Completion Year	31. Current Implementation Status
2021		Engineering/Plans Specifications and Estimates (PS&E)

Form continues on next page.

Regional Policy & Federal Planning Factor Support

Use the checkboxes to indicate that the following statements about the project are true.

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

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

BRT
Bicycling
Carpool/HOV
Express/Commuter Bus
Local Bus
Metrobus
Metrorail
Other
Single Driver
Streetcar/Lightrail

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

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

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

✓ 35 a. This project begins or ends in an Activity Center.

35 b. This project connects two or more Activity Centers.

✓ 35 c. This project promotes non-auto travel within one or more Activity Centers.

35 d. This project connects an Equity Emphasis Area to an Activity Center.

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

✓ 37. 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.).

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

✓ 39. 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).

Form continues on next page.

Regional Policy & Federal Planning Factor Support (continued)

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

40 b. If the answer to question 40a regarding contributing to greenhouse gas emission reduction 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.

Improved transit speeds and reliability

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

- Local Delivery
- Long-Haul Truck
- Rail

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

- Amtrak Intercity Passenger Rail
- Intercity Bus

43. Please check each initiative that is implemented by this project:

- Expand Bus Rapid Transit and Transitways Regionwide
- Move More People on Metrorail
- Provide More Telecommuting and Other Options for Commuting
- Expand Express Highway Network
- Improve Walk and Bike Access to Transit
- Complete the National Capital Trail Network

44 a. Please provide additional written information that describes how this project further supports or advances the TPB Aspirational Initiatives, other regional goals, or needs.

Improved bus performance

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

Improved bus performance

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

- Emphasize the preservation of the existing transportation system.
- Enhance the integration and connectivity of the transportation system, across and between modes, for
- Enhance travel and tourism
- Improve resiliency and reliability of the transportation system and reduce or mitigate stormwater im
- Increase accessibility and mobility of people
- Increase accessibility and mobility of freight
- Increases the ability of the transportation system to support homeland security and to safeguard the
- Increases 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 pr
- Support the economic vitality of the metropolitan area especially by enabling global competitiveness

End of form.

PROJECT DESCRIPTION FORM
VISUALIZE 2045 - 2022 Update

visualize 2045 A long-range transportation plan for the National Capital Region

Administrative Information

1. Adoption/Amendment	2. Grouped Project?	3. Group Name	4. CE/TIP ID
45-22 LRTP Amendment 2023	No		6432

Project Information

5. Project Title

I-95/I495 and I-270 Toll Lanes

6. Project Description

Planning activities in support of the I-95/-495 and I-270 Toll Lanes along the Maryland's Capital Beltway from south of the American Legion Bridge to the Maryland end of the Woodrow Wilson Bridge and I-270 from the Capital Beltway and I-70.

Form continues on next page.

7. Primary Project Type
Road - HOV/Managed Lanes

8. Lead Agency
MDOT/SHA

9. Secondary Agency

10. County
Fairfax
Fauquier
Loudoun
Frederick
Montgomery
Prince George's
Prince William

11. Municipality

12. Primary Contact

13. Phone

14. Email

15. URL

16. Accommodations

17. Complete St. Advance

18. Complete St. Exempt

19. Project Location

a. System
Roadways

b. Route
I 270

c. Location Type
Road Segment

d. Facility Name
I 270 /I 270Y /I 495

e. From
I 70 to I 495

f. To
AmericanLegion&WWilson bridges

g. Distance
77

k. Bridge #

l. # of Locations

Conformity Information

20. Model
Yes

21. Conformity Segments *

a. System
Roadways

b. Route
I 495/ I 270

c. Location Type
Road Segment

d. Facility Name
I-95/I495 and I-270 Toll Lanes

e. From
Please see conformity spreadsheet for detail.

f. To
Please see conformity spreadsheet for detail.

g. Distance
Please see conformity spreadsheet for detail.

h. Conformity ID
696/856/892

i. Conformity Number
MI1Q/MI1R/MI2U2

j. Agency ID
AW0731

k. Improvement Type
Construct/Widen

l. Facility Type From
Interstate

m. Facility Type To
Interstate

n. Lanes From

o. Lanes To

p. ROW Acquired

q. Under Construction

r. Projected Completion Year

s. Actual Completed Year

* Use the attached Excel workbook or any additional segments required.

Form continues on next page.

Congestion Management Process Information

Use the checkboxes to indicate that the following statements about the project are true.

✓ 22 a. Traffic congestion conditions necessitate the proposed project or program and are: Recurring

b. If the congestion is on another facility, please identify it:

✓ 23. a. This project is capacity-increasing and on a limited access highway or other principal arterial.

b. The following exemption criteria apply to this project (select one, or indicate that none of the criteria apply).

None of the exemption criteria above apply to this project – a CMP Documentation Form is required.

24. CMP

Environmental Information

25. Document Type

26. Review Status: Under Preparation

27. This project has been identified for the following potential environmental mitigation activities:

- Air Quality
- Energy
- Geology, Soil & Groundwater
- Hazardous and Contaminated Materials
- Noise
- Socioeconomics
- Surface Water
- Vibrations
- Wetlands

Programming Information

28. LRTP Funding

Analysis Band	Source	Phase	Amount
	State		$3,418,000
	State		$4,566,000
	State	PE	$43,849,000
	State	PE	$55,000,000

Grand Total: $3,428,000,000

Schedule Information

29. Est. Completion Year: 2025

30. Actual Completion Year

31. Current Implementation Status

Form continues on next page.

Regional Policy & Federal Planning Factor Support

Use the checkboxes to indicate that the following statements about the project are true.

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

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

- Carpool/HOV
- Express/Commuter Bus
- Local Bus
- Metrobus
- Metrorail
- Other
- Single Driver
- Streetcar/Lightrail
- Walking

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

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

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

✓ 35 a. This project begins or ends in an Activity Center.

✓ 35 b. This project connects two or more Activity Centers.

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

35 d. This project connects an Equity Emphasis Area to an Activity Center.

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

37. 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.).

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

✓ 39. 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).

Form continues on next page.

Regional Policy & Federal Planning Factor Support (continued)

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

40 b. If the answer to question 40a regarding contributing to greenhouse gas emission reduction 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.

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

- Local Delivery
- Long-Haul Truck
- Rail

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

- Amtrak Intercity Passenger Rail
- Intercity Bus

43. Please check each initiative that is implemented by this project:

- Expand Bus Rapid Transit and Transitways Regionwide
- Move More People on Metrorail
- Provide More Telecommuting and Other Options for Commuting
- Expand Express Highway Network
- Improve Walk and Bike Access to Transit
- Complete the National Capital Trail Network

44 a. Please provide additional written information that describes how this project further supports or advances the TPB Aspirational Initiatives, other regional goals, or needs.

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

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

- Emphasize the preservation of the existing transportation system.
- Enhance the integration and connectivity of the transportation system, across and between modes, for
- Enhance travel and tourism
- Improve resiliency and reliability of the transportation system and reduce or mitigate stormwater im
- Increase accessibility and mobility of people
- Increase accessibility and mobility of freight
- Increases the ability of the transportation system to support homeland security and to safeguard the
- Increases 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 pr
- Support the economic vitality of the metropolitan area especially by enabling global competitiveness

End of form.

PROJECT DESCRIPTION FORM
VISUALIZE 2045 - 2022 Update

visualize 2045 A long-range transportation plan for the National Capital Region

Administrative Information

1. Adoption/Amendment	2. Grouped Project?	3. Group Name	4. CE/TIP ID
45-22 LRTP Amendment 2023	No		CE1182

Project Information

5. Project Title

I-95/I-495 Corridor (South and East)

6. Project Description

I-95/I-495 component of Traffic Relief Plan, to include two managed lanes in each direction, between Baltimore Washington Parkway and Virginia State lin/Potomac River (Woodrow Wilson Bridge).

Form continues on next page.

7. **Primary Project Type**: Road - Other Improvement

8. **Lead Agency**: MDOT/SHA

9. **Secondary Agency**:

10. **County**: Charles, Fairfax, Fauquier, Loudoun, Frederick, Montgomery, Prince George's, Prince William

11. **Municipality**:

12. **Primary Contact**:

13. **Phone**:

14. **Email**:

15. **URL**:

16. **Accommodations**:

17. **Complete St. Advance**:

18. **Complete St. Exempt**:

19. **Project Location**

a. **System**: Roadways

b. **Route**: I 95

c. **Location Type**: Road Segment

d. **Facility Name**: I 95/ I 495 Toll Lanes

e. **From**: Baltimore Washington Parkway

f. **To**: Virginia State line/Potomac River

g. **Distance**: 22 miles

k. **Bridge #**:

l. **# of Locations**:

Conformity Information

20. **Model**: Yes

21. **Conformity Segments** *

a. **System**: Roadways

b. **Route**: I 95/ I 495 Toll Lanes

c. **Location Type**: Road Segment

d. **Facility Name**: I 95/ I 495 Toll Lanes

e. **From**: MD 202F

f. **To**: Potomac River (not inclu

g. **Distance**: 22 miles

h. **Conformity ID**: 909

i. **Conformity Number**: MI1W

j. **Agency ID**: AW0731

k. **Improvement Type**: Construct/Widen

l. **Facility Type From**: Interstate

m. **Facility Type To**: Interstate

n. **Lanes From**: 8

o. **Lanes To**: 8+4 HOT

p. **ROW Acquired**: ☐

q. **Under Construction**: ☐

r. **Projected Completion Year**: 2030

s. **Actual Completed Year**:

* Use the attached Excel workbook or any additional segments required.

Form continues on next page.

Congestion Management Process Information

Use the checkboxes to indicate that the following statements about the project are true.

✓ 22 a. Traffic congestion conditions necessitate the proposed project or program and are: Recurring

b. If the congestion is on another facility, please identify it:

✓ 23. a. This project is capacity-increasing and on a limited access highway or other principal arterial.

b. The following exemption criteria apply to this project (select one, or indicate that none of the criteria apply).

The project, such as a transit, bicycle or pedestrian facility, will not allow private single-occupa

24. CMP

Environmental Information

25. Document Type

26. Review Status

27. This project has been identified for the following potential environmental mitigation activities:

- Air Quality
- Energy
- Geology, Soil & Groundwater
- Hazardous and Contaminated Materials
- Noise
- Socioeconomics
- Surface Water
- Vibrations
- Wetlands

Programming Information

28. LRTP Funding

Analysis Band	Source	Phase	Amount
	Private		$1,000,000,000
	State		$1,161,000,000

Grand Total: $2,161,000,000

Schedule Information

29. Est. Completion Year: 2030

30. Actual Completion Year

31. Current Implementation Status

Form continues on next page.

Regional Policy & Federal Planning Factor Support

Use the checkboxes to indicate that the following statements about the project are true.

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

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

- Carpool/HOV
- Express/Commuter Bus
- Local Bus
- Metrobus
- Metrorail
- Other
- Single Driver
- Streetcar/Lightrail
- Walking

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

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

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

✓ 35 a. This project begins or ends in an Activity Center.

✓ 35 b. This project connects two or more Activity Centers.

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

35 d. This project connects an Equity Emphasis Area to an Activity Center.

✓ 36. This project contributes to enhanced system maintenance or preservation.

37. 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.).

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

✓ 39. 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).

Form continues on next page.

Regional Policy & Federal Planning Factor Support (continued)

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

40 b. If the answer to question 40a regarding contributing to greenhouse gas emission reduction 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.

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

- Local Delivery
- Long-Haul Truck
- Rail

✓ **42. This project enhances, supports, or promotes the following passenger carrier modes:**

- Amtrak Intercity Passenger Rail
- Intercity Bus

43. Please check each initiative that is implemented by this project:

- Expand Bus Rapid Transit and Transitways Regionwide
- Move More People on Metrorail
- Provide More Telecommuting and Other Options for Commuting
- Expand Express Highway Network
- Improve Walk and Bike Access to Transit
- Complete the National Capital Trail Network

44 a. Please provide additional written information that describes how this project further supports or advances the TPB Aspirational Initiatives, other regional goals, or needs.

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

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

- Emphasize the preservation of the existing transportation system.
- Enhance the integration and connectivity of the transportation system, across and between modes, for
- Enhance travel and tourism
- Improve resiliency and reliability of the transportation system and reduce or mitigate stormwater im
- Increase accessibility and mobility of people
- Increase accessibility and mobility of freight
- Increases the ability of the transportation system to support homeland security and to safeguard the
- Increases 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 pr
- Support the economic vitality of the metropolitan area especially by enabling global competitiveness

End of form.

PROJECT DESCRIPTION FORM
VISUALIZE 2045 - 2022 Update

visualize 2045 A long-range transportation plan for the National Capital Region

Administrative Information

1. Adoption/Amendment	2. Grouped Project?	3. Group Name	4. CE/TIP ID
45-22 LRTP Amendment 2023	No		CE3281

Project Information

5. Project Title

I-95/I-495 Corridor (North and West)

6. Project Description

I-95/I-495 component of Traffic Relief Plan, to include two managed lanes in each direction, between the Virginia State line/Potomac River (American Legion Bridge) and Baltimore Washington Parkway.

Form continues on next page.

7. Primary Project Type
Road - Other Improvement

8. Lead Agency
MDOT/SHA

9. Secondary Agency

10. County
Fairfax
Fauquier
Loudoun
Frederick
Montgomery
Prince George's
Prince William

11. Municipality

12. Primary Contact

13. Phone

14. Email

15. URL

16. Accommodations

17. Complete St. Advance

18. Complete St. Exempt

19. Project Location

a. System
Roadways

b. Route
I 95

c. Location Type
Road Segment

d. Facility Name
I 95 /I 495

e. From
George Washington Parkway

f. To
Baltimore Washington Parkway

g. Distance
26

k. Bridge #

l. # of Locations

Conformity Information

20. Model Yes

21. Conformity Segments *

a. System
Roadways

b. Route
i 95

c. Location Type
Road Segment

d. Facility Name
I-95/I-495

e. From
George Washington Parkway

f. To
I-270y

g. Distance

h. Conformity ID
4402/4403

i. Conformity Number
MI1S/MI1T

j. Agency ID

k. Improvement Type
Construct/Widen

l. Facility Type From
Interstate

m. Facility Type To
Interstate

n. Lanes From
8/10

o. Lanes To
8/10 + 4 HOT

p. ROW Acquired ☑

q. Under Construction ☐

r. Projected Completion Year
2025

s. Actual Completed Year

* Use the attached Excel workbook or any additional segments required.

Form continues on next page.

Congestion Management Process Information

Use the checkboxes to indicate that the following statements about the project are true.

✓ 22 a. Traffic congestion conditions necessitate the proposed project or program and are: Recurring

b. If the congestion is on another facility, please identify it:

✓ 23. a. This project is capacity-increasing and on a limited access highway or other principal arterial.

b. The following exemption criteria apply to this project (select one, or indicate that none of the criteria apply).

The project, such as a transit, bicycle or pedestrian facility, will not allow private single-occupa

24. CMP

Environmental Information

25. Document Type

26. Review Status

27. This project has been identified for the following potential environmental mitigation activities:

- Air Quality
- Energy
- Geology, Soil & Groundwater
- Hazardous and Contaminated Materials
- Noise
- Socioeconomics
- Surface Water
- Vibrations
- Wetlands

Programming Information

28. LRTP Funding

Analysis Band	Source	Phase	Amount
	Private		$1,092,000,000
	State		$1,000,000,000

Grand Total: $2,092,000,000

Schedule Information

29. Est. Completion Year

30. Actual Completion Year

31. Current Implementation Status

Form continues on next page.

Regional Policy & Federal Planning Factor Support

Use the checkboxes to indicate that the following statements about the project are true.

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

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

- Carpool/HOV
- Express/Commuter Bus
- Local Bus
- Metrobus
- Metrorail
- Other
- Single Driver
- Streetcar/Lightrail
- Walking

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

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

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

✓ 35 a. This project begins or ends in an Activity Center.

✓ 35 b. This project connects two or more Activity Centers.

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

35 d. This project connects an Equity Emphasis Area to an Activity Center.

✓ 36. This project contributes to enhanced system maintenance or preservation.

37. 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.).

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

✓ 39. 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).

Form continues on next page.

Regional Policy & Federal Planning Factor Support (continued)

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

40 b. If the answer to question 40a regarding contributing to greenhouse gas emission reduction 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.

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

- Local Delivery
- Long-Haul Truck
- Rail

✓ **42. This project enhances, supports, or promotes the following passenger carrier modes:**

- Amtrak Intercity Passenger Rail
- Intercity Bus

43. Please check each initiative that is implemented by this project:

- Expand Bus Rapid Transit and Transitways Regionwide
- Move More People on Metrorail
- Provide More Telecommuting and Other Options for Commuting
- Expand Express Highway Network
- Improve Walk and Bike Access to Transit
- Complete the National Capital Trail Network

44 a. Please provide additional written information that describes how this project further supports or advances the TPB Aspirational Initiatives, other regional goals, or needs.

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

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

- Emphasize the preservation of the existing transportation system.
- Enhance the integration and connectivity of the transportation system, across and between modes, for
- Enhance travel and tourism
- Improve resiliency and reliability of the transportation system and reduce or mitigate stormwater im
- Increase accessibility and mobility of people
- Increase accessibility and mobility of freight
- Increases the ability of the transportation system to support homeland security and to safeguard the
- Increases 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 pr
- Support the economic vitality of the metropolitan area especially by enabling global competitiveness

End of form.

PROJECT DESCRIPTION FORM
VISUALIZE 2045 - 2022 Update

visualize 2045 A long-range transportation plan for the National Capital Region

Administrative Information

1. Adoption/Amendment	2. Grouped Project?	3. Group Name	4. CE/TIP ID
45-22 LRTP Amendment 2023	No		CE3739

Project Information

5. Project Title

Route 50 / North Collector Road

6. Project Description

This project provides funding for planning, design, right- of- way acquisition, and construction of a roadway from Route 50 at Tall Cedars Parkway to the Air and Space Museum Parkway Interchange in Fairfax County at Route 28. The project entails construction of a four lane median divided roadway to the north of Route 50 to provide additional capacity to the Route 50 corridor.

Form continues on next page.

7. Primary Project Type

Road - New Construction

8. Lead Agency

9. Secondary Agency

10. County

Arlington
Charles
Fairfax
Fauquier
Loudoun
Frederick
Montgomery

11. Municipality

12. Primary Contact

Robert S. Brown

13. Phone

(703)777-0122

14. Email

Bob.Brown@Loudoun.Gov

15. URL

16. Accommodations

17. Complete St. Advance

18. Complete St. Exempt

19. Project Location

a. System: Roadways

b. Route

c. Location Type: Road Segment

d. Facility Name: Route 50 (North Collector Road)

e. From: Tall Cedars Parkway

f. To: VA28

g. Distance: 3

k. Bridge #

l. # of Locations

Conformity Information

20. Model: Yes

21. Conformity Segments *

a. System: Roadways

b. Route

c. Location Type: Road Segment

d. Facility Name: Route 50 (North Collector Road)

e. From: Tall Cedars Parkway

f. To: VA28

g. Distance: 2.9

h. Conformity ID: 2500

i. Conformity Number

j. Agency ID

k. Improvement Type

l. Facility Type From

m. Facility Type To

n. Lanes From: 0

o. Lanes To: 4

p. ROW Acquired

q. Under Construction

r. Projected Completion Year: 2029

s. Actual Completed Year

* Use the attached Excel workbook or any additional segments required.

Form continues on next page.

Congestion Management Process Information

Use the checkboxes to indicate that the following statements about the project are true.

✓ 22 a. Traffic congestion conditions necessitate the proposed project or program and are: Recurring

b. If the congestion is on another facility, please identify it:

23. a. This project is capacity-increasing and on a limited access highway or other principal arterial.

b. The following exemption criteria apply to this project (select one, or indicate that none of the criteria apply).

24. CMP

Environmental Information

25. Document Type

26. Review Status

27. This project has been identified for the following potential environmental mitigation activities:

- Air Quality
- Energy
- Geology, Soil & Groundwater
- Hazardous and Contaminated Materials
- Noise
- Socioeconomics
- Surface Water
- Vibrations
- Wetlands

Programming Information

28. LRTP Funding

Analysis Band	Source	Phase	Amount
FY 2023 - 2026	Local	CON	54,000,000
FY 2023 - 2026	Other	CON	$25,000,000
FY 2023 - 2026	State	CON	$5,000,000

Grand Total: $110,000,00

Schedule Information

29. Est. Completion Year: 2028

30. Actual Completion Year

31. Current Implementation Status

Form continues on next page.

Regional Policy & Federal Planning Factor Support

Use the checkboxes to indicate that the following statements about the project are true.

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

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

- Carpool/HOV
- Express/Commuter Bus
- Local Bus
- Metrobus
- Metrorail
- Other
- Single Driver
- Streetcar/Lightrail
- Walking

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

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

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

✓ 35 a. This project begins or ends in an Activity Center.

35 b. This project connects two or more Activity Centers.

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

35 d. This project connects an Equity Emphasis Area to an Activity Center.

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

37. 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.).

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

39. 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).

Form continues on next page.

Regional Policy & Federal Planning Factor Support (continued)

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

40 b. If the answer to question 40a regarding contributing to greenhouse gas emission reduction 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.

✓ **41. This project enhances, supports, or promotes the following freight carrier modes:**

- Air
- Local Delivery
- Long-Haul Truck
- Rail

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

- Amtrak Intercity Passenger Rail
- Intercity Bus

43. Please check each initiative that is implemented by this project:

- Bring Jobs and Housing Closer Together
- Expand Bus Rapid Transit and Transitways Regionwide
- Move More People on Metrorail
- Provide More Telecommuting and Other Options for Commuting
- Expand Express Highway Network
- Improve Walk and Bike Access to Transit
- Complete the National Capital Trail Network

44 a. Please provide additional written information that describes how this project further supports or advances the TPB Aspirational Initiatives, other regional goals, or needs.

Project provides enhance access to Dulles International Airport.

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

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

- Emphasize the preservation of the existing transportation system.
- Enhance the integration and connectivity of the transportation system, across and between modes, for
- Enhance travel and tourism
- Improve resiliency and reliability of the transportation system and reduce or mitigate stormwater im
- Increase accessibility and mobility of people
- Increase accessibility and mobility of freight
- Increases the ability of the transportation system to support homeland security and to safeguard the
- Increases 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 pr
- Support the economic vitality of the metropolitan area especially by enabling global competitiveness

End of form.

PROJECT DESCRIPTION FORM
VISUALIZE 2045 - 2022 Update

visualize 2045 A long-range transportation plan for the National Capital Region

Administrative Information

1. Adoption/Amendment	2. Grouped Project?	3. Group Name	4. CE/TIP ID
45-22 LRTP Amendment 2023	No		6638

Project Information

5. Project Title

16th St NW Transit Priority

6. Project Description

The purpose of the Proposed Action is to improve transit performance and reliability along with pedestrian crossings, bus stops, and sidewalks along 16th Street NW between H Street NW and Arkansas Avenue NW. 16th Street is a multimodal corridor and the purpose of the project is to move more people through the corridor quickly to meet the existing and long-term regional mobility and local accessibility needs for residents and the traveling public within the project area. a. 16th St NW Transit Priority b. 16th St NW Transit Priority Cameras

Form continues on next page.

7. Primary Project Type

8. Lead Agency
DDOT

9. Secondary Agency
DDOT

10. County
Arlington
Charles
Fairfax
Fauquier
Loudoun
Frederick
Montgomery

11. Municipality

12. Primary Contact
Megan Kanagy

13. Phone

14. Email
Megan.Kanagy@dc.gov

15. URL
https://ddot.dc.gov/page/16th-street-nw-transit-priority-planning-study

16. Accommodations

17. Complete St. Advance
Complete Streets policy is not applicable to this project.

18. Complete St. Exempt

19. Project Location

a. System
Transit

b. Route

c. Location Type
Transit On Road

d. Facility Name
16th St NW

e. From
H St NW

f. To
Arkansas Ave NW

g. Distance

k. Bridge #

l. # of Locations

Conformity Information

20. Model
Yes

21. Conformity Segments *

a. System
Transit

b. Route

c. Location Type
Transit On Road

d. Facility Name
16th Street NW

e. From
W Street NW

f. To
H Street NW

g. Distance

h. Conformity ID
838

i. Conformity Number

j. Agency ID

k. Improvement Type
Reconstruct

l. Facility Type From

m. Facility Type To

n. Lanes From
4

o. Lanes To
4

p. ROW Acquired

q. Under Construction

r. Projected Completion Year
2022

s. Actual Completed Year

* Use the attached Excel workbook or any additional segments required.

Form continues on next page.

Congestion Management Process Information

Use the checkboxes to indicate that the following statements about the project are true.

✓ 22 a. Traffic congestion conditions necessitate the proposed project or program and are:

b. If the congestion is on another facility, please identify it:

23. a. This project is capacity-increasing and on a limited access highway or other principal arterial.

b. The following exemption criteria apply to this project (select one, or indicate that none of the criteria apply).

24. CMP

Environmental Information

25. Document Type

26. Review Status

27. This project has been identified for the following potential environmental mitigation activities:

- Air Quality
- Energy
- Geology, Soil & Groundwater
- Hazardous and Contaminated Materials
- Noise
- Socioeconomics
- Surface Water
- Vibrations
- Wetlands

Programming Information

28. LRTP Funding

Analysis Band	Source	Phase	Amount
			$1,600,000
	Local		$400,000

Grand Total: $2,000,000

Schedule Information

29. Est. Completion Year: 2024

30. Actual Completion Year

31. Current Implementation Status

Form continues on next page.

Regional Policy & Federal Planning Factor Support

Use the checkboxes to indicate that the following statements about the project are true.

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

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

- Carpool/HOV
- Express/Commuter Bus
- Local Bus
- Metrobus
- Metrorail
- Other
- Single Driver
- Streetcar/Lightrail
- Walking

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

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

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

✓ 35 a. This project begins or ends in an Activity Center.

✓ 35 b. This project connects two or more Activity Centers.

✓ 35 c. This project promotes non-auto travel within one or more Activity Centers.

35 d. This project connects an Equity Emphasis Area to an Activity Center.

✓ 36. This project contributes to enhanced system maintenance or preservation.

✓ 37. 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.).

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

✓ 39. 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).

Form continues on next page.

Regional Policy & Federal Planning Factor Support (continued)

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

40 b. If the answer to question 40a regarding contributing to greenhouse gas emission reduction 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.

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

- Local Delivery
- Long-Haul Truck
- Rail

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

- Amtrak Intercity Passenger Rail
- Intercity Bus

43. Please check each initiative that is implemented by this project:

- Expand Bus Rapid Transit and Transitways Regionwide
- Move More People on Metrorail
- Provide More Telecommuting and Other Options for Commuting
- Expand Express Highway Network
- Improve Walk and Bike Access to Transit
- Complete the National Capital Trail Network

44 a. Please provide additional written information that describes how this project further supports or advances the TPB Aspirational Initiatives, other regional goals, or needs.

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

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

- Emphasize the preservation of the existing transportation system.
- Enhance the integration and connectivity of the transportation system, across and between modes, for
- Enhance travel and tourism
- Improve resiliency and reliability of the transportation system and reduce or mitigate stormwater im
- Increase accessibility and mobility of people
- Increase accessibility and mobility of freight
- Increases the ability of the transportation system to support homeland security and to safeguard the
- Increases 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 pr
- Support the economic vitality of the metropolitan area especially by enabling global competitiveness

End of form.

PROJECT DESCRIPTION FORM
VISUALIZE 2045 - 2022 Update

visualize 2045 A long-range transportation plan for the National Capital Region

ADMINISTRATIVE INFORMATION

1. Adoption/Amendment	2. Grouped Project?	3. Group Name	4. CE/TIP ID
45-22 LRTP Amendment 2023			CE1210

PROJECT INFORMATION

5. Project Title

MD 85 Corridor

6. Project Description

Widen MD 85 to a four-lane divided highway from south of English Mu• n Way to south of Crestwood Boulevard/Shockley Drive, then six lanes north to Grove Road and including I-270 interchange reconstruction. Auxilliary lanes will be included where necessary. Phases include:
Phase 1 (in construction, anticipated complete 2021) - South of Crestwood Boulevard/Shockley Drive to North of Spectrum Drive, including I-270 interchange (see TIP ID 6483 - project cost of $82,000 has been subtracted from previously provided cost of $220,000,000)

Form continues on next page.

7. Primary Project Type
Road - Add Capacity/Widening

8. Lead Agency
MDOT/SHA

9. Secondary Agency

10. County
Arlington
Charles
Fairfax
Fauquier
Loudoun
Frederick
Montgomery

11. Municipality

12. Primary Contact

13. Phone

14. Email

15. URL

16. Accommodations

17. Complete St. Advance

18. Complete St. Exempt

19. Project Location

a. System
Roadways

b. Route
MD 85

c. Location Type
Road Segment

d. Facility Name
MD 85

e. From
English Muffin Way

f. To
North of Grove Road

g. Distance

k. Bridge #

l. # of Locations

Conformity Information

20. Model
Yes

21. Conformity Segments *

a. System
Roadways

b. Route
MD 85

c. Location Type
Road Segment

d. Facility Name
MD 85

e. From
South of English Muffin Way

f. To
Crestwood Boulevard/Shockley Drive

g. Distance

h. Conformity ID
858

i. Conformity Number
FP2B

j. Agency ID
FR3883

k. Improvement Type
Construct/Widen

l. Facility Type From
Minor Arterial

m. Facility Type To
Minor Arterial

n. Lanes From
4

o. Lanes To
6

p. ROW Acquired

q. Under Construction

r. Projected Completion Year
2035

s. Actual Completed Year

* Use the attached Excel workbook or any additional segments required.

Form continues on next page.

Congestion Management Process Information

Use the checkboxes to indicate that the following statements about the project are true.

✓ 22 a. Traffic congestion conditions necessitate the proposed project or program and are: Recurring

b. If the congestion is on another facility, please identify it:

✓ 23. a. This project is capacity-increasing and on a limited access highway or other principal arterial.

b. The following exemption criteria apply to this project (select one, or indicate that none of the criteria apply).

The project consists of preliminary studies or engineering only, and is not funded for construction

24. CMP

Environmental Information

25. Document Type

26. Review Status

27. This project has been identified for the following potential environmental mitigation activities:

- Air Quality
- Energy
- Geology, Soil & Groundwater
- Hazardous and Contaminated Materials
- Noise
- Socioeconomics
- Surface Water
- Vibrations
- Wetlands

Programming Information

28. LRTP Funding

Analysis Band	Source	Phase	Amount
	Federal		$114,540,00
	State		$23,460,000

Grand Total: $140,000,000

Schedule Information

29. Est. Completion Year: 2035

30. Actual Completion Year

31. Current Implementation Status

Form continues on next page.

Regional Policy & Federal Planning Factor Support

Use the checkboxes to indicate that the following statements about the project are true.

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

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

- Carpool/HOV
- Express/Commuter Bus
- Local Bus
- Metrobus
- Metrorail
- Other
- Single Driver
- Streetcar/Lightrail
- Walking

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

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

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

✓ 35 a. This project begins or ends in an Activity Center.

35 b. This project connects two or more Activity Centers.

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

35 d. This project connects an Equity Emphasis Area to an Activity Center.

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

37. 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.).

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

✓ 39. 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).

Form continues on next page.

Regional Policy & Federal Planning Factor Support (continued)

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

40 b. If the answer to question 40a regarding contributing to greenhouse gas emission reduction 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.

✓ **41. This project enhances, supports, or promotes the following freight carrier modes:**

- Local Delivery
- Long-Haul Truck
- Rail

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

- Air
- Amtrak Intercity Passenger Rail
- Intercity Bus

43. Please check each initiative that is implemented by this project:

- Expand Bus Rapid Transit and Transitways Regionwide
- Move More People on Metrorail
- Provide More Telecommuting and Other Options for Commuting
- Expand Express Highway Network
- Improve Walk and Bike Access to Transit
- Complete the National Capital Trail Network

44 a. Please provide additional written information that describes how this project further supports or advances the TPB Aspirational Initiatives, other regional goals, or needs.

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

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

- Emphasize the preservation of the existing transportation system.
- Enhance the integration and connectivity of the transportation system, across and between modes, for
- Enhance travel and tourism
- Improve resiliency and reliability of the transportation system and reduce or mitigate stormwater im
- Increase accessibility and mobility of people
- Increase accessibility and mobility of freight
- Increases the ability of the transportation system to support homeland security and to safeguard the
- Increases 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 pr
- Support the economic vitality of the metropolitan area especially by enabling global competitiveness

End of form.

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Administrative Information

1. Adoption/Amendment	2. Grouped Project?	3. Group Name	4. CE/TIP ID
45-22 LRTP Amendment 2023	No		CE3731

Project Information

5. Project Title

Braddock Road, Segment 2 – Paul VI Eastern Entrance to Loudoun County Parkway

6. Project Description

Widening Braddock Road between Paul VI Eastern Entrance & Loudoun County Parkway from 2 to 4 lanes. This project provides for the planning, design, right-of-way acquisition, and construction to widen Braddock Road (Route 620) to four lanes between the Eastern Entrance of Paul VI high school and Loudoun County Parkway. The project entails the construction of a four lane, median-divided roadway within a 90 -foot right-of-way and includes the construction of shared use paths on both sides of the road.

Form continues on next page.

7. Primary Project Type

Road - Add Capacity/Widening

8. Lead Agency

VDOT

9. Secondary Agency

VDOT

10. County

Arlington
Charles
Fairfax
Fauquier
Loudoun
Frederick
Montgomery

11. Municipality

12. Primary Contact

Bob Brown

13. Phone

14. Email

Bob.Brown@Loudoun.Gov

15. URL

16. Accommodations

17. Complete St. Advance

Complete Streets policy is not applicable to this project.

18. Complete St. Exempt

19. Project Location

a. System: Roadways
b. Route: VA 620
c. Location Type: Road Segment
d. Facility Name: Braddock Road
e. From: Paul VI Eastern Entrance
f. To: Loudoun County Parkway
g. Distance: 1.0 mile
k. Bridge #:
l. # of Locations:

Conformity Information

20. Model

21. Conformity Segments *

a. System: Roadways
b. Route: VA 620
c. Location Type: Road Segment
d. Facility Name: Braddock Road
e. From: Paul VI Eastern Entrance
f. To: Loudoun County Parkway
g. Distance: 1.0 mile
h. Conformity ID: 2480
i. Conformity Number:
j. Agency ID:
k. Improvement Type: Widen
l. Facility Type From:
m. Facility Type To:
n. Lanes From: 2
o. Lanes To: 4
p. ROW Acquired: ☐
q. Under Construction: ☐
r. Projected Completion Year: 2028
s. Actual Completed Year:

* Use the attached Excel workbook or any additional segments required.

Form continues on next page.

Congestion Management Process Information

Use the checkboxes to indicate that the following statements about the project are true.

✓ 22 a. Traffic congestion conditions necessitate the proposed project or program and are: Recurring

b. If the congestion is on another facility, please identify it:

23. a. This project is capacity-increasing and on a limited access highway or other principal arterial.

b. The following exemption criteria apply to this project (select one, or indicate that none of the criteria apply).

24. CMP

Environmental Information

25. Document Type

26. Review Status

27. This project has been identified for the following potential environmental mitigation activities:

- Air Quality
- Energy
- Geology, Soil & Groundwater
- Hazardous and Contaminated Materials
- Noise
- Socioeconomics
- Surface Water
- Vibrations
- Wetlands

Programming Information

28. LRTP Funding

Analysis Band	Source	Phase	Amount
FY 2023 - 2026	Local	PE	$3,135,000
FY 2023 - 2026	Local	ROW	$5,409,000
FY 2023 - 2026	Local	CON	$18,692,000

Grand Total: $34,000,000

Schedule Information

29. Est. Completion Year: 2028

30. Actual Completion Year

31. Current Implementation Status

Form continues on next page.

Regional Policy & Federal Planning Factor Support

Use the checkboxes to indicate that the following statements about the project are true.

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

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

- Carpool/HOV
- Express/Commuter Bus
- Local Bus
- Metrobus
- Metrorail
- Other
- Single Driver
- Streetcar/Lightrail
- Walking

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

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

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

✓ 35 a. This project begins or ends in an Activity Center.

35 b. This project connects two or more Activity Centers.

✓ 35 c. This project promotes non-auto travel within one or more Activity Centers.

35 d. This project connects an Equity Emphasis Area to an Activity Center.

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

37. 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.).

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

39. 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).

Form continues on next page.

Regional Policy & Federal Planning Factor Support (continued)

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

40 b. If the answer to question 40a regarding contributing to greenhouse gas emission reduction 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.

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

- Local Delivery
- Long-Haul Truck
- Rail

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

- Amtrak Intercity Passenger Rail
- Intercity Bus

43. Please check each initiative that is implemented by this project:

- Expand Bus Rapid Transit and Transitways Regionwide
- Move More People on Metrorail
- Provide More Telecommuting and Other Options for Commuting
- Expand Express Highway Network
- Improve Walk and Bike Access to Transit
- Complete the National Capital Trail Network

44 a. Please provide additional written information that describes how this project further supports or advances the TPB Aspirational Initiatives, other regional goals, or needs.

This project provides a Shared Use Path (SUP) that promotes bike and walking to regional transit that serves Metrorail Stations.

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

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

- Emphasize the preservation of the existing transportation system.
- Enhance the integration and connectivity of the transportation system, across and between modes, for
- Enhance travel and tourism
- Improve resiliency and reliability of the transportation system and reduce or mitigate stormwater im
- Increase accessibility and mobility of people
- Increase accessibility and mobility of freight
- Increases the ability of the transportation system to support homeland security and to safeguard the
- Increases 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 pr
- Support the economic vitality of the metropolitan area especially by enabling global competitiveness

End of form.

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Administrative Information

1. Adoption/Amendment	2. Grouped Project?	3. Group Name	4. CE/TIP ID
45-22 LRTP Amendment 2023	No		CE3759

Project Information

5. Project Title

Herndon Metrorail Intermodal Access Improvements - PH II - (Worldgate Drive Extension at Herndon Parkway)

6. Project Description

Worldgate Drive Extension will link Van Buren Street to Herndon Parkway to alleviate congestion for the transit-oriented core of the Herndon Metrorail Station Area

Form continues on next page.

7. Primary Project Type

8. Lead Agency
VDOT

9. Secondary Agency
Town of Herndon , VDOT

10. County
Arlington
Charles
Fairfax
Fauquier
Loudoun
Frederick
Montgomery

11. Municipality
Town of Herndon

12. Primary Contact
mark.duceman@herndon-va.gov

13. Phone

14. Email

15. URL
http://herndon.grtanicus.com/m

16. Accommodations
Bike/Ped Accommodations Included

17. Complete St. Advance
This Project Advances Our Complete Streets Policy

18. Complete St. Exempt

19. Project Location

a. System
Roadways

b. Route

c. Location Type
Road Segment

d. Facility Name
Worldgate Drive Extension

e. From
Van Buren Street

f. To
Herndon Parkway

g. Distance
0.227 mile

k. Bridge #

l. # of Locations

Conformity Information

20. Model Yes

21. Conformity Segments *

a. System
Roadways

b. Route

c. Location Type
Road Segment

d. Facility Name
Worldgate Drive Extension

e. From
Van Buren Street

f. To
Herndon Parkway

g. Distance
0.227 mile

h. Conformity ID
4080

i. Conformity Number

j. Agency ID
106986

k. Improvement Type
Construct

l. Facility Type From
Minor Arterial

m. Facility Type To
Minor Arterial

n. Lanes From
0

o. Lanes To
4

p. ROW Acquired

q. Under Construction

r. Projected Completion Year
2030

s. Actual Completed Year

* Use the attached Excel workbook or any additional segments required.

Form continues on next page.

Congestion Management Process Information

Use the checkboxes to indicate that the following statements about the project are true.

22 a. Traffic congestion conditions necessitate the proposed project or program and are:

b. If the congestion is on another facility, please identify it:

✓ 23. a. This project is capacity-increasing and on a limited access highway or other principal arterial.

b. The following exemption criteria apply to this project (select one, or indicate that none of the criteria apply).

The project is an intersection reconstruction or other traffic engineering improvements, including r

24. CMP Yes

Environmental Information

25. Document Type: Categorical Exclusion

26. Review Status: Under Preparation

27. This project has been identified for the following potential environmental mitigation activities:

- Air Quality
- Energy
- Geology, Soil & Groundwater
- Hazardous and Contaminated Materials
- Noise
- Socioeconomics
- Surface Water
- Vibrations
- Wetlands

Programming Information

28. LRTP Funding

Analysis Band	Source	Phase	Amount
FY 2023 - 2026	Federal		$1,200,001
FY 2027 - 2032	Private		$3,800,000
FY 2027 - 2032	State		$15,000,000

Grand Total: $20,000,001

Schedule Information

29. Est. Completion Year: 2030

30. Actual Completion Year:

31. Current Implementation Status:

Form continues on next page.

Regional Policy & Federal Planning Factor Support

Use the checkboxes to indicate that the following statements about the project are true.

✓ **32 a. This project promotes non-auto travel or can be expected to reduce VMT in the region.**

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

Carpool/HOV
Express/Commuter Bus
Local Bus
Metrobus
Metrorail
Other
Single Driver
Streetcar/Lightrail
Walking

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

✓ **34 a. This project is physically located in an Equity Emphasis Area (EEA)**

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

The project will provide access to/from 1000+ units of housing affordable to low-moderate income with improved multimodal connectivity to jobs, government and community recreational services and retail uses. And, will improve micromobility modes to address the first mile / last mile connections to bring transportation options to low-moderate income groups in addition to other modes such as public transit, taxis, rideshare, etc.

✓ **35 a. This project begins or ends in an Activity Center.**

✓ **35 b. This project connects two or more Activity Centers.**

✓ **35 c. This project promotes non-auto travel within one or more Activity Centers.**

35 d. This project connects an Equity Emphasis Area to an Activity Center.

✓ **36. This project contributes to enhanced system maintenance or preservation.**

✓ **37. 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.).**

✓ **38. This project is expected to significantly reduce fatalities or injuries among motorists, transit users, pedestrians, and/or bicyclists.**

✓ **39. 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).**

Form continues on next page.

Regional Policy & Federal Planning Factor Support (continued)

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

40 b. If the answer to question 40a regarding contributing to greenhouse gas emission reduction 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.

✓ 41. This project enhances, supports, or promotes the following freight carrier modes:

- Local Delivery
- Long-Haul Truck
- Rail

✓ 42. This project enhances, supports, or promotes the following passenger carrier modes:

- Amtrak Intercity Passenger Rail
- Intercity Bus

43. Please check each initiative that is implemented by this project:

- Expand Bus Rapid Transit and Transitways Regionwide
- Move More People on Metrorail
- Provide More Telecommuting and Other Options for Commuting
- Expand Express Highway Network
- Improve Walk and Bike Access to Transit
- Complete the National Capital Trail Network

44 a. Please provide additional written information that describes how this project further supports or advances the TPB Aspirational Initiatives, other regional goals, or needs.

Housing and Job Location: The project will provide close, direct multi-modal access from the town's Activity Center and its EEA to the surrounding Dulles Corridor, Rt. 28 and Washington Metro employment/Activity Centers.

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

The project supports each of the 8 TPB Vision Goals and will offer, in addition to roadway and intersection capacity improvements, multi-modal regional connectivity to transit-oriented development and to/from the Herndon Metrorail Station and its Silver Line.

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

- Emphasize the preservation of the existing transportation system.
- Enhance the integration and connectivity of the transportation system, across and between modes, for
- Enhance travel and tourism
- Improve resiliency and reliability of the transportation system and reduce or mitigate stormwater im
- Increase accessibility and mobility of people
- Increase accessibility and mobility of freight
- Increases the ability of the transportation system to support homeland security and to safeguard the
- Increases 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 pr
- Support the economic vitality of the metropolitan area especially by enabling global competitiveness

End of form.

PROJECT DESCRIPTION FORM
VISUALIZE 2045 - 2022 Update

visualize 2045 A long-range transportation plan for the National Capital Region

Administrative Information

1. Adoption/Amendment	2. Grouped Project?	3. Group Name	4. CE/TIP ID
45-22 LRTP Amendment 2023			CE3736

Project Information

5. Project Title

Loudoun County Parkway

6. Project Description

This project provides for right-of-way acquisition for the widening of Loudoun County Parkway (Route 607) from four to six lanes between Ryan Road (Route 772) and Shellhorn Road (Route 643), and the construction of turn lanes at the intersection. Construction of the roadway improvements are proffer conditions of the Silver District West development

Form continues on next page.

7. Primary Project Type

Road - Add Capacity/Widening

8. Lead Agency

VDOT

9. Secondary Agency

Loudoun County, VDOT

10. County

Arlington
Charles
Fairfax
Fauquier
Loudoun
Frederick
Montgomery

11. Municipality

12. Primary Contact

Robert S. Brown

13. Phone

(703)777-0122

14. Email

Bob.Brown@Loudoun.Gov

15. URL

16. Accommodations

Bike/Ped Accommodations Included

17. Complete St. Advance

This Project Advances Our Complete Streets Policy

18. Complete St. Exempt

19. Project Location

a. System: Roadways
b. Route: VA 607
c. Location Type: Road Segment
d. Facility Name: Loudoun County Parkway
e. From: Shellhorn Road
f. To: Ryan Road
g. Distance: 1.9 miles
k. Bridge #:
l. # of Locations:

Conformity Information

20. Model: Yes

21. Conformity Segments *

a. System: Roadways
b. Route: VA 643
c. Location Type: Road Segment
d. Facility Name: Loudoun County Parkway
e. From: Shellhorn Road
f. To: Ryan Road
g. Distance: 1.9
h. Conformity ID: 2493
i. Conformity Number:
j. Agency ID:
k. Improvement Type:
l. Facility Type From:
m. Facility Type To:
n. Lanes From: 4
o. Lanes To: 6
p. ROW Acquired: ☑
q. Under Construction: ☐
r. Projected Completion Year: 2022
s. Actual Completed Year:

* Use the attached Excel workbook or any additional segments required.

Form continues on next page.

Congestion Management Process Information

Use the checkboxes to indicate that the following statements about the project are true.

✓ 22 a. Traffic congestion conditions necessitate the proposed project or program and are: Recurring

b. If the congestion is on another facility, please identify it:

23. a. This project is capacity-increasing and on a limited access highway or other principal arterial.

b. The following exemption criteria apply to this project (select one, or indicate that none of the criteria apply).

24. CMP

Environmental Information

25. Document Type

26. Review Status

27. This project has been identified for the following potential environmental mitigation activities:

- Air Quality
- Energy
- Geology, Soil & Groundwater
- Hazardous and Contaminated Materials
- Noise
- Socioeconomics
- Surface Water
- Vibrations
- Wetlands

Programming Information

28. LRTP Funding

Analysis Band	Source	Phase	Amount
FY 2023 - 2026	Private		$3,000,000

Grand Total:

Schedule Information

29. Est. Completion Year: 2022

30. Actual Completion Year

31. Current Implementation Status

Form continues on next page.

Regional Policy & Federal Planning Factor Support

Use the checkboxes to indicate that the following statements about the project are true.

✓ **32 a. This project promotes non-auto travel or can be expected to reduce VMT in the region.**

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

- Bicycling
- Carpool/HOV
- Express/Commuter Bus
- Local Bus
- Metrobus
- Metrorail
- Other
- Single Driver
- Streetcar/Lightrail
- Walking

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

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

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

✓ **35 a. This project begins or ends in an Activity Center.**

35 b. This project connects two or more Activity Centers.

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

35 d. This project connects an Equity Emphasis Area to an Activity Center.

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

37. 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.).

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

39. 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).

Form continues on next page.

Regional Policy & Federal Planning Factor Support (continued)

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

40 b. If the answer to question 40a regarding contributing to greenhouse gas emission reduction 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.

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

- Local Delivery
- Long-Haul Truck
- Rail

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

- Amtrak Intercity Passenger Rail
- Intercity Bus

43. Please check each initiative that is implemented by this project:

- Expand Bus Rapid Transit and Transitways Regionwide
- Move More People on Metrorail
- Provide More Telecommuting and Other Options for Commuting
- Expand Express Highway Network
- Improve Walk and Bike Access to Transit
- Complete the National Capital Trail Network

44 a. Please provide additional written information that describes how this project further supports or advances the TPB Aspirational Initiatives, other regional goals, or needs.

The project is adjacent to the Ashburn Metrorail Station and will include sidewalks and trails to enhance access to it.

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

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

- Emphasize the preservation of the existing transportation system.
- Enhance the integration and connectivity of the transportation system, across and between modes, for
- Enhance travel and tourism
- Improve resiliency and reliability of the transportation system and reduce or mitigate stormwater im
- Increase accessibility and mobility of people
- Increase accessibility and mobility of freight
- Increases the ability of the transportation system to support homeland security and to safeguard the
- Increases 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 pr
- Support the economic vitality of the metropolitan area especially by enabling global competitiveness

End of form.

PROJECT DESCRIPTION FORM
VISUALIZE 2045 - 2022 Update

visualize 2045 A long-range transportation plan for the National Capital Region

Administrative Information

1. Adoption/Amendment	2. Grouped Project?	3. Group Name	4. CE/TIP ID
45-22 LRTP Amendment 2023	No		CE3734

Project Information

5. Project Title

Croson Lane Widening

6. Project Description

This project provides for the planning, design, right-of-way acquisition, and construction to widen Croson Lane (Route 645) to four lanes between Claiborne Parkway (Route 901) and Old Ryan Road (Route 722).

The project entails the construction of a four-lane, median-divided roadway within a 120-foot right-of-way, and includes the construction of a sidewalk on one side of the road and a shared use path on the other side.

Form continues on next page.

7. Primary Project Type

Road - Add Capacity/Widening

8. Lead Agency

VDOT

9. Secondary Agency

Loudoun County , VDOT

10. County

Arlington
Charles
Fairfax
Fauquier
Loudoun
Frederick
Montgomery

11. Municipality

12. Primary Contact

Robert S. Brown

13. Phone

(703)777-0122

14. Email

bob.brown@loudoun.gov

15. URL

16. Accommodations

Bike/Ped Accommodations Included

17. Complete St. Advance

Complete Streets policy is not applicable to this project.

18. Complete St. Exempt

19. Project Location

a. System: Roadways
b. Route: VA 645
c. Location Type: Road Segment
d. Facility Name: Croson Lane
e. From: Claiborne Parkway
f. To: Old Ryan Road
g. Distance: 0.9 mile
k. Bridge #:
l. # of Locations:

Conformity Information

20. Model: Yes

21. Conformity Segments *

a. System: Roadways
b. Route:
c. Location Type: Road Segment
d. Facility Name: Croson Lane
e. From: Claiborne Parkway
f. To: Old Ryan Road
g. Distance: 0.9 mile
h. Conformity ID: 2489
i. Conformity Number:
j. Agency ID:
k. Improvement Type:
l. Facility Type From:
m. Facility Type To:
n. Lanes From: 2
o. Lanes To: 4
p. ROW Acquired: ☐
q. Under Construction: ☐
r. Projected Completion Year: 2027
s. Actual Completed Year:

* Use the attached Excel workbook or any additional segments required.

Form continues on next page.

Congestion Management Process Information

Use the checkboxes to indicate that the following statements about the project are true.

22 a. Traffic congestion conditions necessitate the proposed project or program and are:

b. If the congestion is on another facility, please identify it:

23. a. This project is capacity-increasing and on a limited access highway or other principal arterial.

b. The following exemption criteria apply to this project (select one, or indicate that none of the criteria apply).

24. CMP

Environmental Information

25. Document Type

26. Review Status

27. This project has been identified for the following potential environmental mitigation activities:

- Air Quality
- Energy
- Geology, Soil & Groundwater
- Hazardous and Contaminated Materials
- Noise
- Socioeconomics
- Surface Water
- Vibrations
- Wetlands

Programming Information

28. LRTP Funding

Analysis Band	Source	Phase	Amount
FY 2023 - 2026	State	CON	$5,000,000
FY 2023 - 2026	Local	CON	$14,000,000

Grand Total: $19,000,000

Schedule Information

29. Est. Completion Year: 2027

30. Actual Completion Year

31. Current Implementation Status

Form continues on next page.

Regional Policy & Federal Planning Factor Support

Use the checkboxes to indicate that the following statements about the project are true.

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

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

- BRT
- Bicycling
- Carpool/HOV
- Express/Commuter Bus
- Local Bus
- Metrobus
- Metrorail
- Other
- Single Driver
- Streetcar/Lightrail

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

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

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

✓ 35 a. This project begins or ends in an Activity Center.

35 b. This project connects two or more Activity Centers.

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

35 d. This project connects an Equity Emphasis Area to an Activity Center.

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

37. 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.).

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

39. 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).

Form continues on next page.

Regional Policy & Federal Planning Factor Support (continued)

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

40 b. If the answer to question 40a regarding contributing to greenhouse gas emission reduction 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.

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

- Local Delivery
- Long-Haul Truck
- Rail

✓ **42. This project enhances, supports, or promotes the following passenger carrier modes:**

- Amtrak Intercity Passenger Rail
- Intercity Bus

43. Please check each initiative that is implemented by this project:

- Expand Bus Rapid Transit and Transitways Regionwide
- Move More People on Metrorail
- Provide More Telecommuting and Other Options for Commuting
- Expand Express Highway Network
- Improve Walk and Bike Access to Transit
- Complete the National Capital Trail Network

44 a. Please provide additional written information that describes how this project further supports or advances the TPB Aspirational Initiatives, other regional goals, or needs.

This project provides a direct connection to the Ashburn Silver Line Station and will provide a Shared Use Path directly into the Station area.

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

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

- Emphasize the preservation of the existing transportation system.
- Enhance the integration and connectivity of the transportation system, across and between modes, for
- Enhance travel and tourism
- Improve resiliency and reliability of the transportation system and reduce or mitigate stormwater im
- Increase accessibility and mobility of people
- Increase accessibility and mobility of freight
- Increases the ability of the transportation system to support homeland security and to safeguard the
- Increases 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 pr
- Support the economic vitality of the metropolitan area especially by enabling global competitiveness

End of form.

PROJECT DESCRIPTION FORM
VISUALIZE 2045 - 2022 Update

visualize 2045 A long-range transportation plan for the National Capital Region

Administrative Information

1. Adoption/Amendment	2. Grouped Project?	3. Group Name	4. CE/TIP ID
45-22 LRTP Amendment 2023	No		CE1897

Project Information

5. Project Title

VA 659 Belmont Ridge Road, Reconstruct

6. Project Description

Construct or widen to a four-lane, divided road on a six-lane RW.

VSL4a Widen from Nat'l Rec Pk Entrance to Dulles Greenway (2015)
VSL4ab Widen from Dulles Greenway to VA 7 (2020)
**(VSL4absplit) UPC 76243 Widen from Gloucester to VA 7) (2018)
UPC 73823 (Widen from Truro Parish to Dulles Greenway) COMP
UPC 8828 (PE from Dulles Greenway to VA 7) COMP
VSL4c Widen Relocated VA 659 from PWCL/234 Bypass to US 50 (2020)
VSL4d Widen Relocated VA 659 from VA 659 to US 50 (2020)

Form continues on next page.

7. Primary Project Type
Road - Other Improvement

8. Lead Agency
VDOT

9. Secondary Agency
Other

10. County
Arlington
Charles
Fairfax
Fauquier
Loudoun
Frederick
Montgomery

11. Municipality

12. Primary Contact
Khalid Gandhi

13. Phone

14. Email
Khalid.Gandhi@VDOT.Virginia.gov

15. URL

16. Accommodations

17. Complete St. Advance

18. Complete St. Exempt

19. Project Location

a. System
Roadways

b. Route
VA 659

c. Location Type
Road Segment

d. Facility Name
VA 659 Belmont Ridge Rd Relcatd

e. From
PWCL

f. To
VA 7

g. Distance

k. Bridge #

l. # of Locations

Conformity Information

20. Model
Yes

21. Conformity Segments *

a. System
Roadways

b. Route
VA 659

c. Location Type
Road Segment

d. Facility Name
VA 659 Belmont Ridge Road Relocated

e. From
PWCL

f. To
VA 7

g. Distance

h. Conformity ID
746/2523

i. Conformity Number
VSL4AD

j. Agency ID

k. Improvement Type
Widen/Upgrade

l. Facility Type From
Collector

m. Facility Type To
Minor Arterial

n. Lanes From
2

o. Lanes To
4

p. ROW Acquired

q. Under Construction

r. Projected Completion Year
2023/2028

s. Actual Completed Year

* Use the attached Excel workbook or any additional segments required.

Form continues on next page.

Congestion Management Process Information

Use the checkboxes to indicate that the following statements about the project are true.

✓ 22 a. Traffic congestion conditions necessitate the proposed project or program and are: Recurring

b. If the congestion is on another facility, please identify it:

23. a. This project is capacity-increasing and on a limited access highway or other principal arterial.

b. The following exemption criteria apply to this project (select one, or indicate that none of the criteria apply).

24. CMP

Environmental Information

25. Document Type

26. Review Status

27. This project has been identified for the following potential environmental mitigation activities:

- Air Quality
- Energy
- Geology, Soil & Groundwater
- Hazardous and Contaminated Materials
- Noise
- Socioeconomics
- Surface Water
- Vibrations
- Wetlands

Programming Information

28. LRTP Funding

Analysis Band	Source	Phase	Amount
	Local		$34,000,000
	State		$34,000,000

Grand Total: $68,000,000

Schedule Information

29. Est. Completion Year: 2025

30. Actual Completion Year

31. Current Implementation Status

Form continues on next page.

Regional Policy & Federal Planning Factor Support

Use the checkboxes to indicate that the following statements about the project are true.

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

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

- Carpool/HOV
- Express/Commuter Bus
- Local Bus
- Metrobus
- Metrorail
- Other
- Single Driver
- Streetcar/Lightrail
- Walking

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

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

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

35 a. This project begins or ends in an Activity Center.

35 b. This project connects two or more Activity Centers.

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

35 d. This project connects an Equity Emphasis Area to an Activity Center.

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

37. 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.).

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

✓ 39. 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).

Form continues on next page.

Regional Policy & Federal Planning Factor Support (continued)

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

40 b. If the answer to question 40a regarding contributing to greenhouse gas emission reduction 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.

✓ **41. This project enhances, supports, or promotes the following freight carrier modes:**

- Local Delivery
- Long-Haul Truck
- Rail

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

- Amtrak Intercity Passenger Rail
- Intercity Bus

43. Please check each initiative that is implemented by this project:

- Expand Bus Rapid Transit and Transitways Regionwide
- Move More People on Metrorail
- Provide More Telecommuting and Other Options for Commuting
- Expand Express Highway Network
- Improve Walk and Bike Access to Transit
- Complete the National Capital Trail Network

44 a. Please provide additional written information that describes how this project further supports or advances the TPB Aspirational Initiatives, other regional goals, or needs.

The project will complete a Shared Use Path network along Belmont Ridge Road that starts at Route 7 and connects to Northstar Boulevard in Brambelton. It also provides a sidewalk access to an Elementary and High School .

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

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

- Emphasize the preservation of the existing transportation system.
- Enhance the integration and connectivity of the transportation system, across and between modes, for
- Enhance travel and tourism
- Improve resiliency and reliability of the transportation system and reduce or mitigate stormwater im
- Increase accessibility and mobility of people
- Increase accessibility and mobility of freight
- Increases the ability of the transportation system to support homeland security and to safeguard the
- Increases 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 pr
- Support the economic vitality of the metropolitan area especially by enabling global competitiveness

End of form.

PROJECT DESCRIPTION FORM
VISUALIZE 2045 - 2022 Update

visualize 2045 A long-range transportation plan for the National Capital Region

Administrative Information

1. Adoption/Amendment	2. Grouped Project?	3. Group Name	4. CE/TIP ID
45-22 LRTP Amendment 2023	No		CE3735

Project Information

5. Project Title

Crosstrail Boulevard, Segment C

6. Project Description

This project provides for the planning, design, right-of-way acquisition, and the construction of a four-lane median divided road as a Major Collector between Sycolin Road and the Dulles Greenway on a 120 ft. wide right- of- way. The project also includes shared use paths on both sides of Crosstrail Boulevard and a bridge over Sycolin Creek

Form continues on next page.

7. Primary Project Type

Road - New Construction

8. Lead Agency

VDOT

9. Secondary Agency

Loudoun County , VDOT

10. County

Arlington
Charles
Fairfax
Fauquier
Loudoun
Frederick
Montgomery

11. Municipality

12. Primary Contact

Robert S. Brown

13. Phone

(703)777-0122

14. Email

Bob.Brown@Loudoun.Gov

15. URL

16. Accommodations

Bike/Ped Accommodations Included

17. Complete St. Advance

Complete Streets policy is not applicable to this project.

18. Complete St. Exempt

19. Project Location

a. System

b. Route

c. Location Type

Road Segment

d. Facility Name

Crosstrail Boulevard

e. From

Sycolin Road

f. To

Dulles Greenway

g. Distance

.6

k. Bridge #

l. # of Locations

Conformity Information

20. Model

Yes

21. Conformity Segments *

a. System

b. Route

c. Location Type

Road Segment

d. Facility Name

Crosstrail Boulevard

e. From

Sycolin Road

f. To

Dulles Greenway

g. Distance

.5

h. Conformity ID

2491

i. Conformity Number

j. Agency ID

k. Improvement Type

l. Facility Type From

m. Facility Type To

n. Lanes From

0

o. Lanes To

4

p. ROW Acquired

q. Under Construction

r. Projected Completion Year

2026

s. Actual Completed Year

* Use the attached Excel workbook or any additional segments required.

Form continues on next page.

Congestion Management Process Information

Use the checkboxes to indicate that the following statements about the project are true.

22 a. Traffic congestion conditions necessitate the proposed project or program and are:

b. If the congestion is on another facility, please identify it:

23. a. This project is capacity-increasing and on a limited access highway or other principal arterial.

b. The following exemption criteria apply to this project (select one, or indicate that none of the criteria apply).

24. CMP

Environmental Information

25. Document Type

26. Review Status

27. This project has been identified for the following potential environmental mitigation activities:

- Air Quality
- Energy
- Geology, Soil & Groundwater
- Hazardous and Contaminated Materials
- Noise
- Socioeconomics
- Surface Water
- Vibrations
- Wetlands

Programming Information

28. LRTP Funding

Analysis Band	Source	Phase	Amount
FY 2023 - 2026	Local	CON	$30,000,000
FY 2023 - 2026	Other	CON	$36,000,000

Grand Total: $66,000,000

Schedule Information

29. Est. Completion Year: 2026

30. Actual Completion Year

31. Current Implementation Status

Form continues on next page.

Regional Policy & Federal Planning Factor Support

Use the checkboxes to indicate that the following statements about the project are true.

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

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

- BRT
- Bicycling
- Carpool/HOV
- Express/Commuter Bus
- Local Bus
- Metrobus
- Metrorail
- Other
- Single Driver
- Streetcar/Lightrail

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

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

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

35 a. This project begins or ends in an Activity Center.

35 b. This project connects two or more Activity Centers.

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

35 d. This project connects an Equity Emphasis Area to an Activity Center.

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

37. 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.).

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

39. 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).

Form continues on next page.

Regional Policy & Federal Planning Factor Support (continued)

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

40 b. If the answer to question 40a regarding contributing to greenhouse gas emission reduction 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.

✓ 41. This project enhances, supports, or promotes the following freight carrier modes:

- Local Delivery
- Long-Haul Truck
- Rail

✓ 42. This project enhances, supports, or promotes the following passenger carrier modes:

- Amtrak Intercity Passenger Rail
- Intercity Bus

43. Please check each initiative that is implemented by this project:

- Expand Bus Rapid Transit and Transitways Regionwide
- Move More People on Metrorail
- Provide More Telecommuting and Other Options for Commuting
- Expand Express Highway Network
- Improve Walk and Bike Access to Transit
- Complete the National Capital Trail Network

44 a. Please provide additional written information that describes how this project further supports or advances the TPB Aspirational Initiatives, other regional goals, or needs.

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

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

- Emphasize the preservation of the existing transportation system.
- Enhance the integration and connectivity of the transportation system, across and between modes, for
- Enhance travel and tourism
- Improve resiliency and reliability of the transportation system and reduce or mitigate stormwater im
- Increase accessibility and mobility of people
- Increase accessibility and mobility of freight
- Increases the ability of the transportation system to support homeland security and to safeguard the
- Increases 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 pr
- Support the economic vitality of the metropolitan area especially by enabling global competitiveness

End of form.

PROJECT DESCRIPTION FORM
VISUALIZE 2045 - 2022 Update

visualize 2045 A long-range transportation plan for the National Capital Region

Administrative Information

1. Adoption/Amendment	2. Grouped Project?	3. Group Name	4. CE/TIP ID
45-22 LRTP Amendment 2023	No		CE3737

Project Information

5. Project Title

Northstar Boulevard

6. Project Description

This project provides for the planning, design, right-of-way acquisition and construction of the remaining two lanes of Northstar Boulevard between Tall Cedars Parkway (Route 2200) and Braddock Road (Route 620). The project will include a shared use path along the new travel lanes, modi • cations to an existing traffic signal and new traffic signals where warranted

Form continues on next page.

7. Primary Project Type
Road - Add Capacity/Widening

8. Lead Agency
VDOT

9. Secondary Agency
Loudoun County , VDOT

10. County
Arlington
Charles
Fairfax
Fauquier
Loudoun
Frederick
Montgomery

11. Municipality

12. Primary Contact
Robert S. Brown

13. Phone
(703)777-0122

14. Email
Bob.Brown@Loudoun.Gov

15. URL

16. Accommodations
Bike/Ped Accommodations Include

17. Complete St. Advance

18. Complete St. Exempt

19. Project Location

a. System
Roadways

b. Route
VA 659

c. Location Type
Road Segment

d. Facility Name
Northstar Boulevard

e. From
Tall Cedars Parkway

f. To
Braddock Road

g. Distance
1.1

k. Bridge #

l. # of Locations

Conformity Information

20. Model
Yes

21. Conformity Segments *

a. System
Roadways

b. Route

c. Location Type
Road Segment

d. Facility Name
Northstar Boulevard

e. From
Tall Cedars Parkway

f. To
Braddock Road

g. Distance
1.1

h. Conformity ID
2495

i. Conformity Number

j. Agency ID

k. Improvement Type

l. Facility Type From

m. Facility Type To

n. Lanes From
0

o. Lanes To
4

p. ROW Acquired

q. Under Construction

r. Projected Completion Year
2028

s. Actual Completed Year

* Use the attached Excel workbook or any additional segments required.

Form continues on next page.

Congestion Management Process Information

Use the checkboxes to indicate that the following statements about the project are true.

22 a. Traffic congestion conditions necessitate the proposed project or program and are:

b. If the congestion is on another facility, please identify it:

23. a. This project is capacity-increasing and on a limited access highway or other principal arterial.

b. The following exemption criteria apply to this project (select one, or indicate that none of the criteria apply).

24. CMP

Environmental Information

25. Document Type

26. Review Status

27. This project has been identified for the following potential environmental mitigation activities:

- Air Quality
- Energy
- Geology, Soil & Groundwater
- Hazardous and Contaminated Materials
- Noise
- Socioeconomics
- Surface Water
- Vibrations
- Wetlands

Programming Information

28. LRTP Funding

Analysis Band	Source	Phase	Amount
FY 2023 - 2026	Private	CON	$3,000,001
FY 2023 - 2026	State	CON	$5,000,000
FY 2023 - 2026	Local	CON	$25,000,000

Grand Total: $33,000,001

Schedule Information

29. Est. Completion Year: 2028

30. Actual Completion Year

31. Current Implementation Status

Form continues on next page.

Regional Policy & Federal Planning Factor Support

Use the checkboxes to indicate that the following statements about the project are true.

✓ **32 a. This project promotes non-auto travel or can be expected to reduce VMT in the region.**

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

- Bicycling
- Carpool/HOV
- Express/Commuter Bus
- Local Bus
- Metrobus
- Metrorail
- Other
- Single Driver
- Streetcar/Lightrail
- Walking

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

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

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

35 a. This project begins or ends in an Activity Center.

35 b. This project connects two or more Activity Centers.

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

35 d. This project connects an Equity Emphasis Area to an Activity Center.

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

37. 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.).

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

39. 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).

Form continues on next page.

Regional Policy & Federal Planning Factor Support (continued)

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

40 b. If the answer to question 40a regarding contributing to greenhouse gas emission reduction 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.

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

- Local Delivery
- Long-Haul Truck
- Rail

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

- Amtrak Intercity Passenger Rail
- Intercity Bus

43. Please check each initiative that is implemented by this project:

- Expand Bus Rapid Transit and Transitways Regionwide
- Move More People on Metrorail
- Provide More Telecommuting and Other Options for Commuting
- Expand Express Highway Network
- Improve Walk and Bike Access to Transit
- Complete the National Capital Trail Network

44 a. Please provide additional written information that describes how this project further supports or advances the TPB Aspirational Initiatives, other regional goals, or needs.

The project will include shared-use path along the new travel lanes, a pedestrian tunnel beneath Northstar Boulevard to improve pedestrian access to John Champe High School,

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

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

- Emphasize the preservation of the existing transportation system.
- Enhance the integration and connectivity of the transportation system, across and between modes, for
- Enhance travel and tourism
- Improve resiliency and reliability of the transportation system and reduce or mitigate stormwater im
- Increase accessibility and mobility of people
- Increase accessibility and mobility of freight
- Increases the ability of the transportation system to support homeland security and to safeguard the
- Increases 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 pr
- Support the economic vitality of the metropolitan area especially by enabling global competitiveness

End of form.

PROJECT DESCRIPTION FORM
VISUALIZE 2045 - 2022 Update

visualize 2045 A long-range transportation plan for the National Capital Region

Administrative Information

1. Adoption/Amendment	2. Grouped Project?	3. Group Name	4. CE/TIP ID
45-22 LRTP Amendment 202	No		CE3753

Project Information

5. Project Title

Annapolis Way Extension

6. Project Description

Construct approximately 0.28-mile segment of roadway between existing segments of Annapolis Way to create a connection between Route 1 and Route 123 (Gordon Blvd).

Form continues on next page.

7. Primary Project Type
Road - New Construction

8. Lead Agency
VDOT

9. Secondary Agency
Prince William Co. DPW , VDOT

10. County
Fairfax
Fauquier
Loudoun
Frederick
Montgomery
Prince George's
Prince William

11. Municipality

12. Primary Contact

13. Phone

14. Email

15. URL

16. Accommodations
Bike/Ped Accommodations Include

17. Complete St. Advance
This Project Advances Our Complet

18. Complete St. Exempt

19. Project Location

a. System
Roadways

b. Route

c. Location Type
Road Segment

d. Facility Name
Annapolis Way

e. From
Route 123 Commuter Lot Entranc

f. To
Current termini west of Marina W

g. Distance
0.28 mile

k. Bridge #

l. # of Locations

Conformity Information

20. Model
Yes

21. Conformity Segments *

a. System

b. Route

c. Location Type

d. Facility Name
Annapolis Way

e. From
Route 123 Commuter Lot Entrance

f. To
Current termini west of Marina Way

g. Distance
0.28 mile

h. Conformity ID
4600

i. Conformity Number

j. Agency ID

k. Improvement Type
Construct

l. Facility Type From

m. Facility Type To
Major Arterial

n. Lanes From
0

o. Lanes To
2

p. ROW Acquired

q. Under Construction

r. Projected Completion Year
2028

s. Actual Completed Year

* Use the attached Excel workbook or any additional segments required.

Form continues on next page.

Congestion Management Process Information

Use the checkboxes to indicate that the following statements about the project are true.

22 a. Traffic congestion conditions necessitate the proposed project or program and are:

b. If the congestion is on another facility, please identify it:

23. a. This project is capacity-increasing and on a limited access highway or other principal arterial.

b. The following exemption criteria apply to this project (select one, or indicate that none of the criteria apply).

24. CMP

Environmental Information

25. Document Type

26. Review Status

27. This project has been identified for the following potential environmental mitigation activities:

- Air Quality
- Energy
- Geology, Soil & Groundwater
- Hazardous and Contaminated Materials
- Noise
- Socioeconomics
- Surface Water
- Vibrations
- Wetlands

Programming Information

28. LRTP Funding

Analysis Band	Source	Phase	Amount
FY 2023 - 2026	Local	PE	$674,000
FY 2023 - 2026	Local		$4,000,000
FY 2027 - 2032	Local	CON	$4,000,000

Grand Total: $8,674,000

Schedule Information

29. Est. Completion Year: 2028

30. Actual Completion Year

31. Current Implementation Status: Bid/Advertise Phase

Form continues on next page.

Regional Policy & Federal Planning Factor Support

Use the checkboxes to indicate that the following statements about the project are true.

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

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

- BRT
- Bicycling
- Carpool/HOV
- Express/Commuter Bus
- Local Bus
- Metrobus
- Metrorail
- Other
- Single Driver
- Streetcar/Lightrail

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

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

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

✓ 35 a. This project begins or ends in an Activity Center.

35 b. This project connects two or more Activity Centers.

✓ 35 c. This project promotes non-auto travel within one or more Activity Centers.

35 d. This project connects an Equity Emphasis Area to an Activity Center.

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

37. 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.).

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

39. This projectis 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).

Form continues on next page.

Regional Policy & Federal Planning Factor Support (continued)

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

40 b. If the answer to question 40a regarding contributing to greenhouse gas emission reduction 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.

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

- Air
- Local Delivery
- Long-Haul Truck
- Rail

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

- Air
- Amtrak Intercity Passenger Rail
- Intercity Bus

43. Please check each initiative that is implemented by this project:

- Bring Jobs and Housing Closer Together
- Expand Bus Rapid Transit and Transitways Regionwide
- Move More People on Metrorail
- Provide More Telecommuting and Other Options for Commuting
- Expand Express Highway Network
- Improve Walk and Bike Access to Transit
- Complete the National Capital Trail Network

44 a. Please provide additional written information that describes how this project further supports or advances the TPB Aspirational Initiatives, other regional goals, or needs.

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

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

- Emphasize the preservation of the existing transportation system.
- Enhance the integration and connectivity of the transportation system, across and between modes, for
- Enhance travel and tourism
- Improve resiliency and reliability of the transportation system and reduce or mitigate stormwater im
- Increase accessibility and mobility of people
- Increase accessibility and mobility of freight
- Increases the ability of the transportation system to support homeland security and to safeguard the

End of form.

PROJECT DESCRIPTION FORM
VISUALIZE 2045 - 2022 Update

visualize 2045 A long-range transportation plan for the National Capital Region

Administrative Information

1. Adoption/Amendment	2. Grouped Project?	3. Group Name	4. CE/TIP ID
45-22 LRTP Amendment 2023			CE3756

Project Information

5. Project Title

Marina Way Extended (Horner Rd).

6. Project Description

Construct extension of Marina Way to connect with Horner Road at Route 123 to create a parallel facility to Route 1 and I-95 and create internal road network to enhance access to Woodbridge VRE station and Route 123 Commuter lot. Extension will be constructed as a four-lane Urban Boulevard.

Form continues on next page.

7. Primary Project Type

Road - New Construction

8. Lead Agency

VDOT

9. Secondary Agency

Prince William Co. DPW , VDOT

10. County

Fairfax
Fauquier
Loudoun
Frederick
Montgomery
Prince George's
Prince William

11. Municipality

12. Primary Contact

13. Phone

14. Email

15. URL

16. Accommodations

Bike/Ped Accommodations Included

17. Complete St. Advance

This Project Advances Our Complete Streets Policy

18. Complete St. Exempt

19. Project Location

a. System: Roadways
b. Route:
c. Location Type: Road Segment
d. Facility Name: Horner Road
e. From: Route 123/Gordon Blvd
f. To: Annapolis Way
g. Distance: .27
k. Bridge #:
l. # of Locations:

Conformity Information

20. Model: Yes

21. Conformity Segments *

a. System: Roadways
b. Route:
c. Location Type: Road Segment
d. Facility Name: Horner Road
e. From: Route 123/Gordon Blvd
f. To: Annapolis Way
g. Distance: .27
h. Conformity ID: 3580
i. Conformity Number:
j. Agency ID:
k. Improvement Type: Construct
l. Facility Type From:
m. Facility Type To:
n. Lanes From: 0
o. Lanes To: 2
p. ROW Acquired: ☐
q. Under Construction: ☐
r. Projected Completion Year: 2030
s. Actual Completed Year:

* Use the attached Excel workbook or any additional segments required.

Form continues on next page.

Congestion Management Process Information

Use the checkboxes to indicate that the following statements about the project are true.

✓ 22 a. Traffic congestion conditions necessitate the proposed project or program and are: Recurring

b. If the congestion is on another facility, please identify it:

23. a. This project is capacity-increasing and on a limited access highway or other principal arterial.

b. The following exemption criteria apply to this project (select one, or indicate that none of the criteria apply).

24. CMP No

Environmental Information

25. Document Type: Environmental Assessment

26. Review Status: Proposed for Preparation

27. This project has been identified for the following potential environmental mitigation activities:

- Air Quality
- Energy
- Geology, Soil & Groundwater
- Hazardous and Contaminated Materials
- Noise
- Socioeconomics
- Surface Water
- Vibrations
- Wetlands

Programming Information

28. LRTP Funding

Analysis Band	Source	Phase	Amount
FY 2023 - 2026	State		$300,000

Grand Total: $300,000

Schedule Information

29. Est. Completion Year: 2030

30. Actual Completion Year:

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

Form continues on next page.

Regional Policy & Federal Planning Factor Support

Use the checkboxes to indicate that the following statements about the project are true.

✓ **32 a. This project promotes non-auto travel or can be expected to reduce VMT in the region.**

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

- Bicycling
- Carpool/HOV
- Express/Commuter Bus
- Local Bus
- Metrobus
- Metrorail
- Other
- Single Driver
- Streetcar/Lightrail
- Walking

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

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

b. 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 in proximity to several Equity Emphasis Areas and will enhance access between these residential areas and existing and planned commercial, retail and employment opportunities in North Woodbridge, as well as access to additional regional activity centers via the I-95 corridor.

✓ **35 a. This project begins or ends in an Activity Center.**

35 b. This project connects two or more Activity Centers.

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

✓ **35 d. This project connects an Equity Emphasis Area to an Activity Center.**

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

37. 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.).

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

✓ **39. 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).**

Form continues on next page.

Regional Policy & Federal Planning Factor Support (continued)

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

40 b. If the answer to question 40a regarding contributing to greenhouse gas emission reduction 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.

Project improves access to Route 123 Commuter Lot and encourages transit use.

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

Local Delivery
Long-Haul Truck
Rail

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

Amtrak Intercity Passenger Rail
Intercity Bus

43. Please check each initiative that is implemented by this project:

Bring Jobs and Housing Closer Together
Expand Bus Rapid Transit and Transitways Regionwide
Move More People on Metrorail
Provide More Telecommuting and Other Options for Commuting
Expand Express Highway Network
Improve Walk and Bike Access to Transit
Complete the National Capital Trail Network

44 a. Please provide additional written information that describes how this project further supports or advances the TPB Aspirational Initiatives, other regional goals, or needs.

Project constructs spine road of planned town center in North Woodbridge Activity Center to promote housing development near HCT (Woodbridge VRE Station).

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

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

Emphasize the preservation of the existing transportation system.
Enhance the integration and connectivity of the transportation system, across and between modes, for
Enhance travel and tourism
Improve resiliency and reliability of the transportation system and reduce or mitigate stormwater im
Increase accessibility and mobility of people
Increase accessibility and mobility of freight
Increases the ability of the transportation system to support homeland security and to safeguard the
Increases 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 pr
Support the economic vitality of the metropolitan area especially by enabling global competitiveness

End of form.

PROJECT DESCRIPTION FORM
VISUALIZE 2045 - 2022 Update

visualize 2045 A long-range transportation plan for the National Capital Region

Administrative Information

1. Adoption/Amendment	2. Grouped Project?	3. Group Name	4. CE/TIP ID
45-22 LRTP Amendment 202	No		CE3755

Project Information

5. Project Title

Dale City Parkway Node New Through Boulevard

6. Project Description

Construct an approximately 0.5-mile new thorough boulevard between Minnieville Road and Elm Farm Road that will create a connection between Minnieville Road and the Prince William Parkway (Route 294).

Form continues on next page.

7. Primary Project Type
Road - New Construction

8. Lead Agency
VDOT

9. Secondary Agency
Prince William Co. DPW , VDOT

10. County
Fairfax
Fauquier
Loudoun
Frederick
Montgomery
Prince George's
Prince William

11. Municipality

12. Primary Contact

13. Phone

14. Email

15. URL

16. Accommodations
Bike/Ped Accommodations Include

17. Complete St. Advance
This Project Advances Our Complet

18. Complete St. Exempt

19. Project Location

a. System
Roadways

b. Route

c. Location Type
Road Segment

d. Facility Name
Thorough Boulevard

e. From
Minnieville Road (640)

f. To
Elm Farm Road (892)

g. Distance
0.5 miles

k. Bridge #

l. # of Locations

Conformity Information

20. Model
Yes

21. Conformity Segments *

a. System
Roadways

b. Route

c. Location Type
Road Segment

d. Facility Name
Thorough Boulevard

e. From
Minnieville Road (640)

f. To
Elm Farm Road (892)

g. Distance
0.5 miles

h. Conformity ID
3560

i. Conformity Number

j. Agency ID

k. Improvement Type
Construct

l. Facility Type From

m. Facility Type To

n. Lanes From
0

o. Lanes To
2

p. ROW Acquired

q. Under Construction

r. Projected Completion Year
2030

s. Actual Completed Year

* Use the attached Excel workbook or any additional segments required.

Form continues on next page.

Congestion Management Process Information

Use the checkboxes to indicate that the following statements about the project are true.

22 a. Traffic congestion conditions necessitate the proposed project or program and are:

b. If the congestion is on another facility, please identify it:

23. a. This project is capacity-increasing and on a limited access highway or other principal arterial.

b. The following exemption criteria apply to this project (select one, or indicate that none of the criteria apply).

24. CMP

Environmental Information

25. Document Type

26. Review Status

27. This project has been identified for the following potential environmental mitigation activities:

- Air Quality
- Energy
- Geology, Soil & Groundwater
- Hazardous and Contaminated Materials
- Noise
- Socioeconomics
- Surface Water
- Vibrations
- Wetlands

Programming Information

28. LRTP Funding

Analysis Band	Source	Phase	Amount
FY 2023 - 2026	Private		$1

Grand Total: $1

Schedule Information

29. Est. Completion Year: 2030

30. Actual Completion Year

31. Current Implementation Status

Form continues on next page.

Regional Policy & Federal Planning Factor Support

Use the checkboxes to indicate that the following statements about the project are true.

✓ **32 a. This project promotes non-auto travel or can be expected to reduce VMT in the region.**

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

- BRT
- Bicycling
- Carpool/HOV
- Express/Commuter Bus
- Local Bus
- Metrobus
- Metrorail
- Other
- Single Driver
- Streetcar/Lightrail

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

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

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

35 a. This project begins or ends in an Activity Center.

35 b. This project connects two or more Activity Centers.

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

35 d. This project connects an Equity Emphasis Area to an Activity Center.

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

37. 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.).

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

39. This projectis 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).

Form continues on next page.

Regional Policy & Federal Planning Factor Support (continued)

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

40 b. If the answer to question 40a regarding contributing to greenhouse gas emission reduction 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.

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

- Local Delivery
- Long-Haul Truck
- Rail

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

- Amtrak Intercity Passenger Rail
- Intercity Bus

43. Please check each initiative that is implemented by this project:

- Expand Bus Rapid Transit and Transitways Regionwide
- Move More People on Metrorail
- Provide More Telecommuting and Other Options for Commuting
- Expand Express Highway Network
- Improve Walk and Bike Access to Transit
- Complete the National Capital Trail Network

44 a. Please provide additional written information that describes how this project further supports or advances the TPB Aspirational Initiatives, other regional goals, or needs.

The project is a key roadway in the County's approved Dale City Small Area Plan which aims to bring jobs, housing and transit options closer together.

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

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

- Enhance the integration and connectivity of the transportation system, across and between modes, for
- Enhance travel and tourism
- Improve resiliency and reliability of the transportation system and reduce or mitigate stormwater im
- Increase accessibility and mobility of people
- Increase accessibility and mobility of freight
- Increases the ability of the transportation system to support homeland security and to safeguard the
- Increases 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 pr
- Support the economic vitality of the metropolitan area especially by enabling global competitiveness

End of form.

PROJECT DESCRIPTION FORM
VISUALIZE 2045 - 2022 Update

visualize 2045 A long-range transportation plan for the National Capital Region

Administrative Information

1. Adoption/Amendment	2. Grouped Project?	3. Group Name	4. CE/TIP ID
45-22 LRTP Amendment 202	No		CE2176

Project Information

5. Project Title

Williamson Boulevard

6. Project Description

Construct a new 4-lane facility.

Form continues on next page.

7. Primary Project Type
Road - Other Improvement

8. Lead Agency
VDOT

9. Secondary Agency
Prince William Co. DPW

10. County
Fairfax
Fauquier
Loudoun
Frederick
Montgomery
Prince George's
Prince William

11. Municipality

12. Primary Contact
Ricardo Canizales

13. Phone

14. Email
rcanizales@pwcgov.org

15. URL

16. Accommodations
Bike/Ped Accommodations Inclu

17. Complete St. Advance

18. Complete St. Exempt

19. Project Location

a. System
Roadways

b. Route

c. Location Type
Road Segment

d. Facility Name
Williamson Boulevard

e. From
VA 1566 Sudley Manor Dr

f. To
VA Portsmouth Road

g. Distance

k. Bridge #

l. # of Locations

Conformity Information

20. Model
Yes

21. Conformity Segments *

a. System
Roadways

b. Route

c. Location Type
Road Segment

d. Facility Name
Williamson Boulevard

e. From
King/Quaker Lane

f. To
Braddock Road

g. Distance

h. Conformity ID
55

i. Conformity Number
nrs

j. Agency ID
70580

k. Improvement Type
Construct

l. Facility Type From

m. Facility Type To

n. Lanes From

o. Lanes To

p. ROW Acquired

q. Under Construction

r. Projected Completion Year
2017

s. Actual Completed Year
2017

* Use the attached Excel workbook or any additional segments required.

Form continues on next page.

Congestion Management Process Information

Use the checkboxes to indicate that the following statements about the project are true.

✓ 22 a. Traffic congestion conditions necessitate the proposed project or program and are: Recurring

b. If the congestion is on another facility, please identify it: Route 234 Business

23. a. This project is capacity-increasing and on a limited access highway or other principal arterial.

b. The following exemption criteria apply to this project (select one, or indicate that none of the criteria apply).

24. CMP No

Environmental Information

25. Document Type: Environmental Assessment

26. Review Status: Proposed for Preparation

27. This project has been identified for the following potential environmental mitigation activities:

- Air Quality
- Energy
- Geology, Soil & Groundwater
- Hazardous and Contaminated Materials
- Noise
- Socioeconomics
- Surface Water
- Vibrations
- Wetlands

Programming Information

28. LRTP Funding

Analysis Band	Source	Phase	Amount
FY 2023 - 2026	Local		$0

Grand Total: $3,000,000

Schedule Information

29. Est. Completion Year: 2030

30. Actual Completion Year:

31. Current Implementation Status:

Form continues on next page.

Regional Policy & Federal Planning Factor Support

Use the checkboxes to indicate that the following statements about the project are true.

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

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

- Bicycling
- Carpool/HOV
- Express/Commuter Bus
- Local Bus
- Metrobus
- Metrorail
- Other
- Single Driver
- Streetcar/Lightrail
- Walking

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

✓ 34 a. This project is physically located in an Equity Emphasis Area (EEA)

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

Project is located in EEA 9017.01 and will provide an alternate facility to the congested Route 234 Business to serve this Equity Emphasis Area.

35 a. This project begins or ends in an Activity Center.

35 b. This project connects two or more Activity Centers.

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

35 d. This project connects an Equity Emphasis Area to an Activity Center.

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

37. 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.).

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

✓ 39. This projectis 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).

Form continues on next page.

Regional Policy & Federal Planning Factor Support (continued)

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

40 b. If the answer to question 40a regarding contributing to greenhouse gas emission reduction 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.

The project supports non-auto travel.

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

- Air
- Local Delivery
- Long-Haul Truck
- Rail

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

- Air
- Amtrak Intercity Passenger Rail
- Intercity Bus

43. Please check each initiative that is implemented by this project:

- Bring Jobs and Housing Closer Together
- Expand Bus Rapid Transit and Transitways Regionwide
- Move More People on Metrorail
- Provide More Telecommuting and Other Options for Commuting
- Expand Express Highway Network
- Improve Walk and Bike Access to Transit
- Complete the National Capital Trail Network

44 a. Please provide additional written information that describes how this project further supports or advances the TPB Aspirational Initiatives, other regional goals, or needs.

This project constructs a parallel facility to Route 234 Business to alleviate congestion on this roadway and improve access to I-66 for regional t

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

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

- Emphasize the preservation of the existing transportation system.
- Enhance the integration and connectivity of the transportation system, across and between modes, for
- Enhance travel and tourism
- Improve resiliency and reliability of the transportation system and reduce or mitigate stormwater im
- Increase accessibility and mobility of people
- Increase accessibility and mobility of freight
- Increases the ability of the transportation system to support homeland security and to safeguard the
- Increases the safety of the transportation system for all motorized and non-motorized users.

End of form.

PROJECT DESCRIPTION FORM
VISUALIZE 2045 - 2022 Update

visualize 2045 A long-range transportation plan for the National Capital Region

Administrative Information

1. Adoption/Amendment	2. Grouped Project?	3. Group Name	4. CE/TIP ID
45-22 LRTP Amendment 2023	No		CE3708

Project Information

5. Project Title

Alexandria 4th Track

6. Project Description

Constructs 6 miles of fourth track from Control Point AF in Alexandria to the RO interlocking near the south bank of the Potomac River in Arlington.

Form continues on next page.

7. Primary Project Type

Bridge - Rehab/Add Capacity

8. Lead Agency

VDOT

9. Secondary Agency

VDRPT

10. County

Arlington
Charles
Fairfax
Fauquier
Loudoun
Frederick

11. Municipality

12. Primary Contact

Michael McLaughlin (DRPT)

13. Phone

14. Email

michael.mclaughlin@drpt.virginia.gov
katherine.youngbluth@drpt.virginia.gov

15. URL

https://longbridgeproject.com/

16. Accommodations

17. Complete St. Advance

Complete Streets policy is not applicable to this project.

18. Complete St. Exempt

19. Project Location

a. System: Local Streets
b. Route:
c. Location Type:
d. Facility Name: CSX RF&P Subdivision
e. From: Control Point AF in Alexandria
f. To: RO Interlocking in Arlington
g. Distance: 1.8 miles
k. Bridge #:
l. # of Locations:

Conformity Information

20. Model: Yes

21. Conformity Segments *

a. System: Local Streets
b. Route:
c. Location Type:
d. Facility Name: CSX Richmond, Fredericksburg and Potomac (RF&P) Subdivision
e. From: Control Pt RO(Arlington)Rosslyn (RO) Intrlckng near LongBrdgPark
f. To: L'Enfant (LE) Interlocking near 10th Street SW in D.C.
g. Distance:
h. Conformity ID: 1030
i. Conformity Number:
j. Agency ID:
k. Improvement Type: Construct
l. Facility Type From:
m. Facility Type To:
n. Lanes From:
o. Lanes To:
p. ROW Acquired: ☐
q. Under Construction: ☐
r. Projected Completion Year: 2027
s. Actual Completed Year:

* Use the attached Excel workbook or any additional segments required.

Form continues on next page.

Congestion Management Process Information

Use the checkboxes to indicate that the following statements about the project are true.

22 a. Traffic congestion conditions necessitate the proposed project or program and are:

b. If the congestion is on another facility, please identify it:

23. a. This project is capacity-increasing and on a limited access highway or other principal arterial.

b. The following exemption criteria apply to this project (select one, or indicate that none of the criteria apply).

24. CMP

Environmental Information

25. Document Type

26. Review Status

27. This project has been identified for the following potential environmental mitigation activities:

- Air Quality
- Energy
- Geology, Soil & Groundwater
- Hazardous and Contaminated Materials
- Noise
- Socioeconomics
- Surface Water
- Vibrations
- Wetlands

Programming Information

28. LRTP Funding

Analysis Band	Source	Phase	Amount
	Federal		$185,000,00
	Private		$185,000,00
	State		$185,000,00

Grand Total: $185,000,00

Schedule Information

29. Est. Completion Year: 2025

30. Actual Completion Year

31. Current Implementation Status

Form continues on next page.

Regional Policy & Federal Planning Factor Support

Use the checkboxes to indicate that the following statements about the project are true.

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

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

- Bicycling
- Carpool/HOV
- Express/Commuter Bus
- Local Bus
- Metrobus
- Metrorail
- Other
- Single Driver
- Streetcar/Lightrail
- Walking

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

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

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

✓ 35 a. This project begins or ends in an Activity Center.

✓ 35 b. This project connects two or more Activity Centers.

✓ 35 c. This project promotes non-auto travel within one or more Activity Centers.

35 d. This project connects an Equity Emphasis Area to an Activity Center.

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

37. 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.).

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

✓ 39. 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).

Form continues on next page.

Regional Policy & Federal Planning Factor Support (continued)

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

40 b. If the answer to question 40a regarding contributing to greenhouse gas emission reduction 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.

✓ **41. This project enhances, supports, or promotes the following freight carrier modes:**

- Local Delivery
- Long-Haul Truck
- Rail

✓ **42. This project enhances, supports, or promotes the following passenger carrier modes:**

- Amtrak Intercity Passenger Rail
- Intercity Bus

43. Please check each initiative that is implemented by this project:

- Expand Bus Rapid Transit and Transitways Regionwide
- Move More People on Metrorail
- Provide More Telecommuting and Other Options for Commuting
- Expand Express Highway Network
- Improve Walk and Bike Access to Transit
- Complete the National Capital Trail Network

44 a. Please provide additional written information that describes how this project further supports or advances the TPB Aspirational Initiatives, other regional goals, or needs.

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

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

- Emphasize the preservation of the existing transportation system.
- Enhance the integration and connectivity of the transportation system, across and between modes, for
- Enhance travel and tourism
- Improve resiliency and reliability of the transportation system and reduce or mitigate stormwater im
- Increase accessibility and mobility of people
- Increase accessibility and mobility of freight
- Increases the ability of the transportation system to support homeland security and to safeguard the
- Increases 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 pr
- Support the economic vitality of the metropolitan area especially by enabling global competitiveness

End of form.

PROJECT DESCRIPTION FORM
VISUALIZE 2045 - 2022 Update

visualize 2045 A long-range transportation plan for the National Capital Region

Administrative Information

1. Adoption/Amendment	2. Grouped Project?	3. Group Name	4. CE/TIP ID
45-22 LRTP Amendment 2023	No		CE2420

Project Information

5. Project Title

VRE - Broad Run Expansion

6. Project Description

This project includes expansion of the Broad Run Maintenance and Storage Facility (MSF) and Station to support expanded Manassas Line service. Improvements include: expansion of the MSF site and construction of storage tracks for additional trains and equipment; construction of 300 additional station parking spaces and platform modifications to provide access to expanded parking, and construction of about 1.8 miles of third track within the NSR right-of-way. The project includes real estate acquisition to expand the station and MSF footprint and accommodate the third track. Also included are enhanced bike and pedestrian accommodations and real-time train arrival and parking availability information systems.

Form continues on next page.

7. Primary Project Type

8. Lead Agency
VDOT

9. Secondary Agency
VRE

10. County
Fairfax
Fauquier
Loudoun
Frederick
Montgomery
Prince George's
Prince William

11. Municipality
City of Manassas

12. Primary Contact
Christine Hoeffner

13. Phone
(703)838-5442

14. Email
choeffner@vre.org

15. URL
www.vre.org

16. Accommodations

17. Complete St. Advance
Complete Streets policy is not applicable to this project.

18. Complete St. Exempt

19. Project Location

a. System
Transit

b. Route

c. Location Type
Transit Own ROW

d. Facility Name
VRE Manassas Line

e. From

f. To

g. Distance

k. Bridge #

l. # of Locations

Conformity Information

20. Model
Yes

21. Conformity Segments *

a. System
Transit

b. Route

c. Location Type
Transit Own ROW

d. Facility Name
VRE Broad Run Expansion

e. From
Manassas VRE Station

f. To
Broad Run Station

g. Distance

h. Conformity ID
874

i. Conformity Number

j. Agency ID

k. Improvement Type
Withdrawn

l. Facility Type From

m. Facility Type To

n. Lanes From

o. Lanes To

p. ROW Acquired

q. Under Construction

r. Projected Completion Year
2022

s. Actual Completed Year

* Use the attached Excel workbook or any additional segments required.

Form continues on next page.

Congestion Management Process Information

Use the checkboxes to indicate that the following statements about the project are true.

✓ 22 a. Traffic congestion conditions necessitate the proposed project or program and are: Recurring

b. If the congestion is on another facility, please identify it: I-66, VA Route 28, US Route 50, I-395

23. a. This project is capacity-increasing and on a limited access highway or other principal arterial.

b. The following exemption criteria apply to this project (select one, or indicate that none of the criteria apply).

24. CMP No

Environmental Information

25. Document Type: Categorical Exclusion

26. Review Status: Approved

27. This project has been identified for the following potential environmental mitigation activities:

- Air Quality
- Energy
- Geology, Soil & Groundwater
- Hazardous and Contaminated Materials
- Noise
- Socioeconomics
- Surface Water
- Vibrations
- Wetlands

Programming Information

28. LRTP Funding

Analysis Band	Source	Phase	Amount
FY 2023 - 2026	Federal		$64,875,922
FY 2023 - 2026	Local		$5,186,733
FY 2023 - 2026	State		$94,356,410

Grand Total: $164,419,065

Schedule Information

29. Est. Completion Year: 2025

30. Actual Completion Year:

31. Current Implementation Status:

Form continues on next page.

Regional Policy & Federal Planning Factor Support

Use the checkboxes to indicate that the following statements about the project are true.

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

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

- Bicycling
- Carpool/HOV
- Express/Commuter Bus
- Local Bus
- Metrobus
- Metrorail
- Other
- Single Driver
- Streetcar/Lightrail
- Walking

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

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

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

✓ 35 a. This project begins or ends in an Activity Center.

✓ 35 b. This project connects two or more Activity Centers.

✓ 35 c. This project promotes non-auto travel within one or more Activity Centers.

35 d. This project connects an Equity Emphasis Area to an Activity Center.

✓ 36. This project contributes to enhanced system maintenance or preservation.

37. 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.).

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

✓ 39. 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).

Form continues on next page.

Regional Policy & Federal Planning Factor Support (continued)

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

40 b. If the answer to question 40a regarding contributing to greenhouse gas emission reduction 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.

The majority of VRE riders report having switched from driving alone thus reducing greenhouse gas emissions. This project will expand capacity of the VRE Broad Run Station and adjacent rail corridor and non-SOV travel in the region, allowing more drivers to leave their cars closer to home.

✓ **41. This project enhances, supports, or promotes the following freight carrier modes:**

- Local Delivery
- Long-Haul Truck
- Rail

✓ **42. This project enhances, supports, or promotes the following passenger carrier modes:**

- Amtrak Intercity Passenger Rail
- Intercity Bus

43. Please check each initiative that is implemented by this project:

- Expand Bus Rapid Transit and Transitways Regionwide
- Move More People on Metrorail
- Provide More Telecommuting and Other Options for Commuting
- Expand Express Highway Network
- Improve Walk and Bike Access to Transit
- Complete the National Capital Trail Network

44 a. Please provide additional written information that describes how this project further supports or advances the TPB Aspirational Initiatives, other regional goals, or needs.

This project will expand capacity and reliability of commuter rail service, and improve access to transit for all modes, including enhanced walk and bike access to transit. It will provide commuting options for residents and make commuting more feasible and attractive for more people.

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

This project supports and advances the expansion of commuter rail service in the region.

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

- Emphasize the preservation of the existing transportation system.
- Enhance the integration and connectivity of the transportation system, across and between modes, for
- Enhance travel and tourism
- Improve resiliency and reliability of the transportation system and reduce or mitigate stormwater im
- Increase accessibility and mobility of people
- Increase accessibility and mobility of freight
- Increases the ability of the transportation system to support homeland security and to safeguard the
- Increases 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 pr
- Support the economic vitality of the metropolitan area especially by enabling global competitiveness

End of form.

PROJECT DESCRIPTION FORM
VISUALIZE 2045 - 2022 Update

visualize 2045 A long-range transportation plan for the National Capital Region

Administrative Information

1. Adoption/Amendment	2. Grouped Project?	3. Group Name	4. CE/TIP ID
45-22 LRTP Amendment 2023			

Project Information

5. Project Title

Observation Drive Extended

6. Project Description

The project provides for the design and construction of a 2.2 mile long roadway within a minimum 150-foot right-of-way. The work will be constructed in 2 Phases. Phase 1 includes a 4-lane divided roadway (two lanes in each direction) starting at existing Observation Drive near Waters Discovery Lane and continuing north beyond West Old Baltimore Road to the point where it meets the planned extension of Little Seneca Parkway, along with an eight-foot wide shared-use path on the west side and a bike path on the east side to provide Greenway connectivity. Phase 1 will also include the widening of Little Seneca Parkway to four lanes west of MD 355 and Observation Drive Extended 6-1construction of its extension west to Observation Drive. A bridge approximately 550 feet in length will be constructed near Waters Discovery Lane, ending at West Old Baltimore Road near the future MTA Comsat Station. A traffic signal will be provided at the West Old Baltimore Road intersection.

In Phase 2 between Little Seneca Parkway and existing Observation Drive near Stringtown Road the scope includes a two-lane roadway, along with an eight-foot wide shared-use path on the west side, with space for the two additional master-planned lanes and a five-foot wide sidewalk on the east side to be built in the future. Traffic signals will be provided at the Shawnee Lane and Little Seneca Parkway intersections.

The project provides multimodal access including provisions for two stations of the proposed Corridor Cities Transitway and for the MD355 BRT that will operate in the median of Observation Drive.

Form continues on next page.

7. Primary Project Type

Road - Add Capacity/Widening

8. Lead Agency

Montgomery County

9. Secondary Agency

10. County

Arlington
Charles
Fairfax
Fauquier
Loudoun
Frederick

11. Municipality

12. Primary Contact

Gary Erenrich

13. Phone

301-221-8104 cell

14. Email

gary.erenrich@montomgerycountymd.gov

15. URL

www.montgomerycountymd.gov/dot

16. Accommodations

Bike/Ped Accommodations Included

17. Complete St. Advance

This project is exempt (identify criteria under #18)

18. Complete St. Exempt

19. Project Location

a. System

Local Streets

b. Route

Observation Drive Extended

c. Location Type

Road Segment

d. Facility Name

Observation Drive Extended

e. From

Waters Discovery Lane

f. To

MD355

g. Distance

2.2 miles

k. Bridge #

l. # of Locations

Conformity Information

20. Model

21. Conformity Segments *

a. System

b. Route

c. Location Type

d. Facility Name

e. From

f. To

g. Distance

h. Conformity ID

i. Conformity Number

j. Agency ID

k. Improvement Type

l. Facility Type From

m. Facility Type To

n. Lanes From

o. Lanes To

p. ROW Acquired

q. Under Construction

r. Projected Completion Year

s. Actual Completed Year

* Use the attached Excel workbook or any additional segments required.

Form continues on next page.

Congestion Management Process Information

Use the checkboxes to indicate that the following statements about the project are true.

22 a. Traffic congestion conditions necessitate the proposed project or program and are: Recurring

b. If the congestion is on another facility, please identify it: MD355 and I-270

23. a. This project is capacity-increasing and on a limited access highway or other principal arterial.

b. The following exemption criteria apply to this project (select one, or indicate that none of the criteria apply).

24. CMP

Environmental Information

25. Document Type: Not Applicable

26. Review Status

27. This project has been identified for the following potential environmental mitigation activities:

- Air Quality
- Energy
- Geology, Soil & Groundwater
- Hazardous and Contaminated Materials
- Noise
- Socioeconomics
- Surface Water
- Vibrations
- Wetlands

Programming Information

28. LRTP Funding

Analysis Band	Source	Phase	Amount
FY 2023 - 2026	Local		$2,089,000
FY 2027 - 2032	Local		$113,504,000

Grand Total: $115,593,000

Schedule Information

29. Est. Completion Year: 2035

30. Actual Completion Year

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

Form continues on next page.

Regional Policy & Federal Planning Factor Support

Use the checkboxes to indicate that the following statements about the project are true.

✓ **32 a. This project promotes non-auto travel or can be expected to reduce VMT in the region.**

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

- Carpool/HOV
- Express/Commuter Bus
- Local Bus
- Metrobus
- Metrorail
- Other
- Single Driver
- Streetcar/Lightrail
- Walking

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

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

b. 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 connects Germantown to Clarksburg, both have significant residential development and Germantown has commercial development. Germantown Transit Center offers frequent express bus service to Shady Grove Metrorail Station and connections to Germantown MARC Station.

35 a. This project begins or ends in an Activity Center.

35 b. This project connects two or more Activity Centers.

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

35 d. This project connects an Equity Emphasis Area to an Activity Center.

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

37. 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.).

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

39. 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).

Form continues on next page.

Regional Policy & Federal Planning Factor Support (continued)

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

40 b. If the answer to question 40a regarding contributing to greenhouse gas emission reduction 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.

✓ 41. This project enhances, supports, or promotes the following freight carrier modes:

- Local Delivery
- Long-Haul Truck
- Rail

✓ 42. This project enhances, supports, or promotes the following passenger carrier modes:

- Amtrak Intercity Passenger Rail
- Intercity Bus

43. Please check each initiative that is implemented by this project:

- Expand Bus Rapid Transit and Transitways Regionwide
- Move More People on Metrorail
- Provide More Telecommuting and Other Options for Commuting
- Expand Express Highway Network
- Improve Walk and Bike Access to Transit
- Complete the National Capital Trail Network

44 a. Please provide additional written information that describes how this project further supports or advances the TPB Aspirational Initiatives, other regional goals, or needs.

This project significantly improves multimodal access to a rapidly developing area between I-270 and MD355 corridors. It also provides a facility for implementation of the CCT including two stations and MD355 BRT will be in the median.

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

The project supports the implementation of the CCT and the MD355 BRT that will increase access to transit in this part of the county, reduce single occupant travel and increase transit usage. It improves mobility and safety for ped/bike, and vehicular access to multiple land uses.

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

- Enhance the integration and connectivity of the transportation system, across and between modes, for
- Enhance travel and tourism
- Improve resiliency and reliability of the transportation system and reduce or mitigate stormwater im
- Increase accessibility and mobility of people
- Increase accessibility and mobility of freight
- Increases the ability of the transportation system to support homeland security and to safeguard the
- Increases 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 pr
- Support the economic vitality of the metropolitan area especially by enabling global competitiveness

End of form.

2022 Update to VISUALIZE 2045 AIR QUALITY CONFORMITY NETWORK INPUTS DRAFT 4/01/2021
(transit)

ConID	Scenario	Improvement	Facility	From	To	Projected Complete
DDOT						
613	DCSTHST2	Construct	Benning Road Streetcar Extension	Oklahoma Avenue NE	45th Street/Benning Road Metro	~~2023~~ 2026
793	WATEREXT	Implement	DC Circulator Expansion	Navy Yard Route Realignment	36th St.	2018 Complete
794	UHOWEXT	Implement	DC Circulator Expansion	Rosslyn to Dupont Circle Route	Extension to U St./Howard University	~~2018~~ 2026
		Implement	DC Circulator Realignment	Potomac Ave.	Skyland	2018 Complete
822	HIBUS	Implement	H St. NW Peak Period Bus-Only Lanes Pilot Project	19th St NW	14th St NW	2019 Complete
823	HIBUS	Implement	I St. NW Peak Period Bus Only Lanes Pilot Project	13th St. NW	Pennsylvania Ave. NW	2019 Complete
		Construct	K St. NW Transitway	9th St. NW	21st St. NW	~~2021~~ 2025
610	DCSTGTWN	~~Construct~~ Implement	Union Station/Georgetown Streetcar	K Street/34th Street NW	3rd Street/H Street NE	~~2030~~ 2040
989		Implement	16th St. Bus Priority Improvements	H St. NW	Arkansas Ave NW	~~2020~~ 2022
		Implement	H St. and I St Bus lanes Phase 2	13th St. NW	Pennsylvania Ave NW	2021
7823		Study	7th St. NW Bus Improvements	Massachusetts Avenue	Pennsylvania Ave.	Not Coded
7835		Study	H St. NW Bus Improvements	14th St. NW	North Capitol St.	Not Coded
7834		Study	Minnesota Avenue SE Bus Improvements	Pennsylvania Avenue SE	East Capitol Street	Not Coded
10614		Study	MLK Ave SE Bus Improvements	Good Hope Road	Redwood Street	Not Coded
MDOT/MTA						

NOTE: Shaded areas represent changes from the 2020 Amendment to Visualize 2045

2022 Update to VISUALIZE 2045 AIR QUALITY CONFORMITY NETWORK INPUTS DRAFT 4/01/2021
(transit)

ConID	Scenario	Improvement	Facility	From	To	Projected Complete
617	MARCFRQ	Implement	Brunswick Line Service Improvements			2029
618	MARCFRQ	Implement	Camden Line Service Improvements			2029
481	CCTBRT	Construct	Corridor Cities BRT	Shady Grove	Comsat	~~2028~~ 2035
619	MARCFRQ	Implement	Penn Line Service Improvements			2029
479	PURPLE	Construct	Purple Line Transitway	Bethesda	New Carrollton	2023
480	SSTCTR	Construct	Silver Spring Transit Center	Phase II		2017 complete
Montgomery County						
669		Study	Countywide BRT	various corrirors		Not Coded
	RANDBRT	Implement	Randolph Road BRT	US 29	MD 355	2040
5062	NBETHBRT	Implement	North Bethesda Transitway BRT	Montgomery Mall Transit Center	White Flint	~~2035~~ 2030
	MD355BRT	Implement	MD 355 BRT	MD 410 East-West Highway	Clarksburg Rd.	~~2045~~ 2030
	VEIRSBRT	Implement	Veirs Mill Road BRT	MD 355 Rockville Pike	MD 97 Georgia Ave.	~~2030~~ 2025
982	NHBRT	Implement	New Hampshire Ave. BRT	Colesville Park and Ride	Takoma Metro Station	2045
	29BRT	Implement	US 29 BRT	Burtonsville	Silver Spring Transit Center	2020 Complete
483	MCT7	Construct	Olney Transit Center	adjacent to or north of MD 108		2045
487	TIGERVEIR	Construct	Veirs Mill Road Bus Enhancement	Rockville	Wheaton	~~2020~~ 2021
VDOT						
1028		Construct	Long Bridge (also in DDOT)	Control Point RO (Arlington) Rosslyn (RO) Interlocking near Long Bridge Park in Arlington, Virginia	L'Enfant (LE) Interlocking near 10th Street SW in the District of Columbia	Not Coded

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ConID	Scenario	Improvement	Facility	From	To	Projected Complete
		Construct	VRE 4th Track Project	L'Enfant Interlocking	Virginia Interlocking	2028
1029		Construct	Alexandria 4th Track Project	Control Point Rosslyn (CFP RO) near milepost 110.1 south of the George Washington Parkway	Control Point Alexandria (CFP AF) near milepost 104.3 south of Telegraph Road	~~2025~~ 2028
1030		Construct	Franconia to Occoquan 3rd Track Project	One mile north of the Franconia-Springfield VRE station (CFP 98.8)	Approximately 400 feet north of Furnace Road, just north of the Occoquan River (CFP 90.08)	2028
		Construct	Broad Run Expansion- 3rd Track Project	Broad Run	Manassas (Wellington Road)	2025
504	VREFREQ	Implement	VRE Service Improvements (Reduce Headways) - associated with 3rd and 4th Track Projects	Fredericksburg and Manassas lines		~~2028~~ 2035
795	US1VABUS	Widen	US 1 (bus/right-turn lanes)	VA 235 North	SCL Alexandria (I-95 Capital Beltway)	2035
861		Construct	Crystal City Transitway: Northern Extension - complete dedicated lanes	Crystal City Metro Station	Army Navy Drive Transit Station (Army Navy Dr halfway between Hayes St and Joyce St)	2022
	MWAYEXT2	Construct	Crystal City Transitway: Southern Extension - complete dedicated lanes	South Glebe Road	Alexandria city line	2025
	MWAYROW	Construct	Crystal City/Potomac Yard Transitway-realign with dedicated right-of-way	East Glebe Road	Evans Lane	2030
~~677~~		~~Study~~	~~US 1 Corridor Streetcar Conversion~~	~~Four Mile Run~~	~~Braddock Road~~	~~Not Coded~~

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ConID	Scenario	Improvement	Facility	From	To	Projected Complete
489	POTYDS	Construct	Metro Station	Potomac Yard		~~2021~~ 2022
493		Construct	Park-and-Ride ~~Lot~~ Garage	Springfield CBD	vic. I-95 & Old Keene Mill Road	~~2022~~ 2023
670		Construct	Park-and-Ride Lot	Dulles Town Center	300 Spaces	~~2014~~ 2019 complete
499		Construct	Park and Ride Lot	Arcola Center 300 spaces		~~2015~~ 2024
503	SILVER 2	Construct	Dulles Corridor Metrorail	Wiehle-Reston East Station	Ashburn Station	~~2020~~ 2022
1018	SILVER 2	Construct	Park-and-Ride Garage	Herndon-Monroe Station		2020
1019	SILVER 2	Construct	Park-and-Ride Garage	Innovation Station	2000+ parking spaces	2020
629	POTSHRS	Construct	VRE - Potomac Shores Commuter Rail Station	Potomac Shores	Prince William County	~~2020~~ 2022
505	VANDBRT	Construct	West End Transitway (City Funded)	Van Dorn Street Metro	Pentagon ~~& Landmark~~	2026 & 2035
1034	VANDBRT2	Construct	West End Transitway Phase II (Southern Segment)	Van Dorn Street Metro	Landmark Mall	2026
507	NRS	Construct	Landmark Transit Center	Duke Street and Van Dorn Street		2023
508	ALEXBUS	Implement	DASH Service Expansion	citywide		~~2020~~ 2030
820	BELTHOT	Implement	Beltway HOT lanes transit service			2020
821	BELTHOT	Implement	Beltway HOT lanes transit service			2030
509	DUKEBUS	Construct	Duke Street Transitway	King Street Metro	Fairfax County Line	~~2024~~ 2027
672		Construct	Leesburg Park and Ride Lot (new location)	Crosstrails Blvd (approx)	300 Spaces	2018

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ConID	Scenario	Improvement	Facility	From	To	Projected Complete
673		Construct	Sterling Park and Ride Lot		200 Spaces	~~2014~~ 2019 complete
674		Construct	One Loudoun Park and Ride Lot	VA 7 & Loudoun County Parkway	200 Spaces	2019
675		Study	Western Loudoun Park and Ride Lot		250 Spaces	Not Coded
797	I66HOTI	Implement	I-66 Corridor Enhanced Bus Service (details shown with project description sheet)	Inside the beltway		2025
798	I66HOTI	Implement	I-66 Corridor Enhanced Bus Service (details shown with project description sheet)	Inside the beltway		~~2030~~ 2040
799	I66HOTO	Implement	I-66 Corridor Enhanced Bus Service (details shown with project description sheet)	Outside the beltway		2021
800	I66HOTO	Implement	I-66 Corridor Enhanced Bus Service (details shown with project description sheet)	Outside the beltway		~~2025 &~~ 2040
801		Construct	I-66 Corridor Park and Ride lot	Haymarket		2021
802		Construct	I-66 Corridor Park and Ride lot	University Blvd. in Gainesville		2021
803		Construct	I-66 Corridor Park and Ride lot	Balls Ford Road in Manassas		2021
804		Expand	I-66 Corridor Park and Ride lot	Prince William Pkwy (Cushing Rd)		~~2021~~ 2040
806	NRS	Construct	I-66 Corridor Park and Ride garage	Monument Drive	garage replaces surface lot	~~2021~~ 2023
808	US1BRT	Construct	Bus Rapid Transit (BRT)	US 1 Richmond Highway	Huntington Metro to Hybla Valley to Ft. Belvoir to Woodbridge VRE	2030

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PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Facility Fr	Facility To	Lanes Fr	Lanes To	Completion Date
DDOT												
CE2860	605	DI9		Reconstruct	I 295 Interchange at Malcolm X Blvd.	Add above grade ramp connection from NB I-295 off ramp to new St. Elizabeth's Access Road						~~2020~~ 2022
CE2813	604			Construct	F Street NW	2nd Street NW	3rd Street NW			0	2	~~2018~~ 2019 Complete
3423	541	DP9A	AW011, AW024 A, AW001	Widen	South Capitol Street Corridor: Frederick Douglas Bridge	Independence Avenue (East)	Martin Luther King, Jr. Blvd. (west)	2	2	5	6	~~2021~~ 2025
5803	542	DP9C		Construct	South Capitol Street Intersection	at Potomac Avenue						~~2021~~ 2022
6038	543	DP9D		Construct	Suitland Parkway interchange	at Martin Luther King, Jr. Boulevard to complete movements						2021
CE3196	582	DS27		Reduce Capacity	H St. NW Peak Period Bus-Only Lanes Pilot Project	19th St NW	14th St NW	3	3	5	4	2019 Complete
CE3196	583	DP38		Reduce Capacity	I St. NW Peak Period Bus Only Lanes Pilot Project	13th St. NW	Pennsylvania Ave. NW	2	2	4	3	2019 Complete
3212	11116			Reduce Capacity Bus Lanes	H Street NW	Pennsylvania Ave	Connecticut Ave	2	2	4	3	2021
3212	11117			Reduce Capacity Bus Lanes	H Street NW	Connecticut Ave	Vermont Ave	2	2	4	2	2021
3212	11118			Reduce Capacity Bus Lanes	H Street NW	Vermont Ave	15th Street	2	2	4	3	2021
3212	11119			Reduce Capacity Bus Lanes	H Street NW	15th Street	14th Street	2	2	3	2	2021
3212	11120			Reduce Capacity Bus Lanes	I Street NW	13th Street	14th Street	2	2	3	2	2021
3212	11121			Reduce Capacity Bus Lanes	I Street NW	16th Street	Connecticut Ave	2	2	3	2	2021
3212	11122			Reduce Capacity Bus Lanes	I Street NW	17th Street	18th Street	2	2	3	2	2021
3212	11123			Reduce Capacity Bus Lanes	I Street NW	19th Street	20th Street	2	2	3	2	2021

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PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Facility Fr	Facility To	Lanes Fr	Lanes To	Completion Date
CE3077	558	DP42	ED0C2A	Reduce Capacity	C Street/N. Carolina Avenue	Oklahoma Avenue	14th Street NE			5	3	~~2020~~ 2022
6315	567	DP16		Reduce Capacity	East Capitol Street	40th Street	Southern Ave			6	4	2021
CE3075 6014	585	DS6		Reduce Capacity	Maryland Ave. NE	6th St. NE	15 St. NE			4	2	~~2019~~ 2021
CE3399	608			Reconstruct	New Jersey Avenue NW 1-way to 2-way	H Street NW	N Street NW					~~2020~~ 2021
6114	609			Reduce Capacity	South Capitol Street	Firth Sterling Ave.	Southern Ave Maryland state line			5	~~4~~ 5	~~2015~~ 2022
3232	663			Reduce Capacity	Adams Mill Rd. NW	Kenyon	Klingle			3	2	2016 Complete
3232	701	DS8		Reduce Capacity	6th Street NE	Florida Avenue	K Street			2	1	2016 Complete
3232	702	DS9		Reduce Capacity	7th Street NW	New York Avenue	N Street			4	2	~~2016~~ 2021
3232	704	DS11		Reduce Capacity	14th Street NW	Florida Avenue	Columbia Road			4	2	2016 Complete
3232	705	DS12		Reduce Capacity	Brentwood Parkway NE	6th Street/Penn Street	9th Street			2	1	2016 Complete
6195	717	DS13		Reduce Capacity	Florida Avenue NE	3rd Street	West Virginia Avenue			6	4	~~2019~~ 2023
6195	710			Reduce Capacity	Florida Avenue NE	2nd Street	3rd Street			6	5	~~2019~~ 2023
3232	707	NRS		Reduce Capacity	New Jersey Avenue NW	H Street	Louisiana Ave			4	2	~~2020~~ 2021
CE3447	713	DS14		Reduce Capacity	Pennsylvania Avenue NW	18th Street	20th Street			5	4	~~2020~~ 2025
CE3447	712	DS15		Reduce Capacity	Pennsylvania Avenue NW	17th Street	18th Street			6	4	~~2021~~ 2025
CE3447	715	DS16		Reduce Capacity	Pennsylvania Avenue NW	26th Street	28th Street			5	4	~~2021~~ 2040
CE3447	716	DS17		Reduce Capacity	Pennsylvania Avenue NW	28th Street	29th Street			4	2	~~2021~~ 2040

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								Facility		Lanes		
PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Fr	To	Fr	To	Completion Date
CE3447	714	DS18		Reduce Capacity	Pennsylvania Avenue NW	20th Street	26th Street			6	4	~~2021~~ 2040
3232	709	DS19		Reduce Capacity	Wheeler Road SE	Alabama Avenue	Southern Avenue			4	2	~~2020~~ 2021
3232	829	DS21		Reduce Capacity - bike lanes	6th Street NW	Constitution Avenue	Massachusetts Avenue			6 peak- 4 offpeak	4 peak - 2 offpeak	~~2019~~ 2030
3232	830	DS22		Reduce Capacity - bike lanes	6th Street NW	Massachusettes Avenue	Florida Ave NW			4	~~2~~ 3	~~2019~~ 2030
3232	832	in base		Reduce Capacity - bike lanes	Blair Road NW	Peabody St. NW	Aspen St. NW			3	2	2021
3232	860	DS23		Reduce Capacity - bike lanes	Harewood Road NW	Rock Creek Church Road NW	North Capitol Street			2	1	~~2020~~ 2022
3232	835	DP22		Reduce Capacity - bike lanes	Louisana Avenue NW	Columbus Circle NE/ Mass Ave NE	Constitution Avenue NW			4	3	~~2020~~ 2040
CE3651	944	DP32		Reduce Capacity - bike lanes	17th Street NW	New Hampshire Avenue	Massachussetts Avenue NW	3	3	2	1	~~2020~~ 2021
CE3652	946	DP34		Reduce Capacity - bike lanes	K Street NW	~~3rd Street NW~~ 7th St NW	1st Street NE			~~6~~ 4	~~4~~ 2	~~2020~~ 2021
CE3654	947	DP35		Reduce Capacity - bike lanes	Pennsylvania Ave	2nd Street SE	14th Street SE	2	2	6	4	~~2020~~ 2024
CE3654	948	DP36		Reduce Capacity - bike lanes	Pennsylvania Ave SE	14th Street SE	Barney Circle			8	6	~~2020~~ 2024
CE3653	949	DP37		Reduce Capacity - bike lanes	Irving Street NE/NW	Michigan Avenue NE	Warder Street NW			6	4	2020 Completed
3232	1013			Reduce Capacity - bike lanes	9th St NW	New York Avenue NW	H Street NW			3	2	2030
3232	~~1013~~ 831	NRS		Reduce Capacity - bike lanes	9th St NW	Massachusetts Ave	Florida Ave			4	~~2~~ 3	~~2019~~ 2030
3232	1012	DP39		Reduce Capacity - bike lanes	9th St NW	Constitution Ave	Massachusetts Ave			6/4	4/2	~~2019~~ 2030
3232	1010	DP40		Reduce Capacity - bike lanes	Nebraska Ave NW	New Mexico Ave	Loughboro Road			4	3	~~2020~~ 2022

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								Facility		Lanes		
PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Fr	To	Fr	To	Completion Date
3232	1009			Reduce Capacity - bike lanes	Pennsylvania Ave SE	2nd St	17th St.			8	6	2021
3232	1008	DS28		Reduce Capacity - bike lanes	Dalecarlia Pkwy NW	Loughboro Road	Westmoreland Circle			4	2	~~2020~~ 2040
3232	1007	DS29		Reduce Capacity - bike lanes	K St NE	1st St	8th St			3	2	2019 Complete
3232	1006	DS30		Reduce Capacity - bike lanes	Mount Olivet Rd NE	Brentwood	West Virginia Ave			4	3	~~2020~~ 2022
3232	1005	DS31		Reduce Capacity - bike lanes	M St SE	Half St	11th St			6	5	~~2020~~ 2022
3232	1004	DP41		Reduce Capacity - bike lanes	Florida Ave NE	West Virginia Ave	14th St			3	2	2019 Complete
3212	7820			Reduce Capacity - bike lanes	15th Street Cycletrack	Pennsylvania Ave NW	East Basin Dr. SW	3	3	4	3	2021
3212	7838			Reduce Capacity - bike lanes	17th St. Bike Lanes	New Hampshire Avenue NW	K St. NW	3	3	4	2	2021
3212	7821			Reduce Capacity - bike lanes	20th St. NW Bike Lanes	G St.	Massachusetts Ave.	4	4	4	2	2022
3212	7827			Reduce Capacity - bike lanes	21st St. NW	Constitution Ave NW	Massachusetts Ave NW	3	3	3	2	2021
3212	7839			Reduce Capacity - bike lanes	Kenyon St NW, Irving, St NW and Michigan St NE Protected Bike Lanes	Warder St NW	4th St NE	3	3	8	6	2020 Completed
3212	10675			Reduce Capacity - Bus Lanes	M Street SE	10th Street	Half Street	3	3	6	4	2020 Completed
3212	7824			Reduce Capacity - Bus Lanes	Martin Luther King Jr. Ave SE	W Street	Redwood Street	3	3	4	2	2020 Completed
3212	7836			Reduce Capacity -	Park Place/5th Street NW	Grant Circle	Kenyon St NW	3	3	2	1	2022

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PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Facility Fr	Facility To	Lanes Fr	Lanes To	Completion Date
3212	7825			Reduce Capacity -	Virginia Ave NW	Rock Creek and Potomac Pkwy NW	18th St NW	3	3	6	5	2021
3212	7837			Reduce Capacity - bike lanes	Warder Street/7th Street NW	Kenyon St NW	New Hampshire Ave NW	4	4	2	1	2022
6638	839	DP23		Reduce Capacity - Bus Priority	16th Street NW	Arkansas Avenue NW	Columbia Road NW			6	4	~~2020~~ 2022
6638	840	DP24		Reduce Capacity - Bus Priority	16th Street NW	Columbia Road NW	W Street NW			5	4	~~2020~~ 2022
6638	838	NRS		Reconstruct	16th Street NW	W Street NW	H Street NW			4	4	2022
CE3081	841	DP25		Reduce Capacity - Streetcar	H Street NE/NW	3rd Street NE	New Jersey Ave NW			6	4	~~2030~~ 2040
CE3081	842	DS26		Reduce Capacity - Streetcar	New Jersey Avenue NW	H St NW	K Street NW			3 lanes 1-way	1 lane each 2-way	~~2030~~ 2040
CE3081	844	DP26		Reduce Capacity - Streetcar	K Street NW	New Jersey Avenue NW	7th Street NW			3	2	~~2030~~ 2040
CE3081	845	DP27		Reduce Capacity - Transitway	K Street NW	9th Street NW	12th St NW			4	2	~~2021~~ 2025
CE3081	846	DP28		Reduce Capacity - Transitway	K Street NW	12th St NW	21st St NW			6	4	~~2021~~ 2025
CE3081	847	DP29		Reduce Capacity - Streetcar	K Street NW	21st St NW	25th Street NW			4	2	~~2030~~ 2040
CE3081	848	DP30		Reduce Capacity - Streetcar	K Street NW	25th Street NW	29th Street NW			6/4	4	~~2030~~ 2040
CE3081	849	DP31		Reduce Capacity - Streetcar	K Street NW	29th Street NW	Wisconsin Avenue NW			4	2	~~2030~~ 2040

MDOT

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PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Facility Fr	Facility To	Lanes Fr	Lanes To	Completion Date
	Interstate											
	126	MI2Q	MO8391	Construct	I 270 Interchange	at Watkins Mill Road		1	1	8	8	2020
6432 CE1186	125	MI2U1	AW0731	Construct/Widen	I 270 Toll Lanes	I 495	I 270Y	1	1	4 + 2 HOV	4 + 4 HOT ~~+2 HOV + 4 ETL~~	2025
6432 CE1186	892	MI2U2	AW0731	Construct/Widen	I 270 Toll Lanes	I 270Y	I 370	1	1	10 + 2 HOV	10 + 4 HOT ~~+2 HOV + 4 ETL~~	2025
6432 CE1186	893	MI2U3	AW0731	Construct/Widen	I 270 Northbound Toll Lanes	I 370	Middlebrook Road	1	1	3 + 1 HOV NB	3 + 2 HOT NB ~~ETL~~	~~2025~~ 2030
6432 CE1186	893	MI2U4	AW0731	Construct/Widen	I 270 Southbound Toll Lanes	Middlebrook Road	I-370	1	1	4 SB	4 + 2 HOT SB ~~+ 2 ETL~~	~~2025~~ 2030
6432 CE1186	894	MI2U5	AW0731	Construct/Widen	I 270 Northbound Toll Lanes	Middlebrook Road	MD 121	1	1	2 + 1 HOV NB	2 + 2 HOT NB ~~+ 1 HOV NB + 2 ETL~~	~~2025~~ 2030
6432 CE1186	894	MI2U6	AW0731	Construct/Widen	I 270 Southbound Toll Lanes	MD 121	Middlebrook Road	1	1	3 SB	3 + 2 HOT SB ~~+ 2 ETL~~	~~2025~~ 2030
6432 CE1186	895	MI2U7	AW0731	Construct/Widen	I 270 Toll Lanes	MD 121	I 70 / US 40	1	1	4	4 + 4 HOT ~~+4 ETL~~	~~2025~~ 2030
6444	952	MI2TSB6		Construct	I270 southbound auxiliary lane (innovative congestion management)	South of Shady Grove Rd local slip ramp	South of Shady Grove Rd express lanes slip ramp	1	1			2019 complete
6444	953	MI2TSB7		Construct	I270 southbound auxiliary lane (innovative congestion management)	Md 28 on-ramp	MD 189 off-ramp	1	1			~~2019~~ 2021
6444	954	MI2TSB8		Construct	I270 southbound (innovative congestion management)	MD 189 on-ramp	Montrose Road off-ramp	1	1			2019 complete

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								Facility		Lanes		
PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Fr	To	Fr	To	Completion Date
6444	955	MI2TSB12		Construct	I270 southbound (innovative congestion management)	North of Montrose Road	Democracy Boulevard	1	1			2019 complete
6444	956	MI2TNB1		Construct	I270 northbound (innovative congestion management)	Democracy Boulevard on-ramp	North of Montrose Road slip ramp to local lanes	1	1			2019 complete
6444	957	MI2TNB2		Construct	I270 northbound auxiliary lane (innovative congestion management)	MD 189 on-ramp	MD 28 off-ramp	1	1			~~2019~~ 2021
6444	958	MI2TNB2		Construct	I270 northbound auxiliary lane (innovative congestion management)	South of MD 28 slip ramp to express lanes	North of MD 28 slip ramp to local lanes	1	1			~~2019~~ 2021
		MI2TNB3		Construct	I270 northbound (innovative congestion management)	Shady Grove Road	I-370 off-ramp	1	1			2019
		MI2TNB4		Construct	I270 northbound (innovative congestion management)	MD 124 on-ramp	Watkins Mill Road off-ramp	1	1			2019
		MI2TNB4		Construct	I270 northbound auxiliary lane (innovative congestion management)	Watkins Mill Road on-ramp	Middlebrook Road westbound off-ramp	1	1			2019
6444	962	MI2TNB5		Construct	I270 northbound (innovative congestion management)	MD 121	Comus Road Bridge	1	1			~~2019~~ 2021 complete
	210	MI4		Widen	I 70	Mt. Phillip Road	West of I 270	1	1	4	6	2035
CE2250	151	MI4a	FR5801	Reconstruct	I 70	at MD 144FA, Meadow Road, and Old National Pike		1	1	6	6	~~2025~~ 2022
				Study	I-295 Toll Lanes- planning study	US 50	I-95 (in Baltimore)					Not Coded
CE1479	108	MI1P MI1PR	PG3331	Construct	I-95/I-495	at Greenbelt Metro Station		1	1	8	8	2030
6432 CE3281	696	MI1Q	AW0731	Construct/Widen	I 495 Toll Lanes	Virginia State line/Potomac River (including American Legion Bridge)	I 270Y	1	1	8/10	8/10 + 4 ~~ETL~~ HOT	2025
6432 CE3281	856	MI1R	AW0731	Construct/Widen	I 495 Toll Lanes	I 270Y	MD 355	1	1	6	6 + 4 ~~ETL~~ HOT	2025
6432 CE3281	905	MI1S	AW0731	Construct/Widen	I 495 Toll Lanes	MD 355	I 95	1	1	8	8 + 4 ~~ETL~~ HOT	~~2025~~ 2030
6432 CE3281	906	MI1T	AW0731	Construct/Widen	I 95 / I 495 Toll Lanes	I 95	Baltimore Washington Parkway	1	1	8	8 + 4 ~~ETL~~ HOT	~~2025~~ 2030
CE1182	907	MI1U	AW0731	Construct/Widen	I 95 / I 495 Toll Lanes	Baltimore Washington Parkway	Glenarden Parkway	1	1	8	8 + 4 ~~ETL~~ HOT	~~2025~~ 2030

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PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Facility Fr	Facility To	Lanes Fr	Lanes To	Completion Date
CE1182	908	MI1V	AW0731	Construct/Widen	I 95 / I 495 Toll Lanes	Glenarden Parkway	MD 202F	1	1	10	10 + 4 ~~ETL~~ HOT	~~2025~~ 2030
CE1182	909	MI1W	AW0731	Construct/Widen	I 95 / I 495 Toll Lanes	MD 202F	Potomac River (not including Wilson Bridge)	1	1	8	8 + 4 ~~ETL~~ HOT	~~2025~~ 2030
	Primary											
3108	139	MP10A	PG2531	Reconstruct	US 1	College Avenue	MD 193	2	2	4	4	2023
CE1202	935 936	NRS	PG2531	Reconstruct	US 1	MD 193	I 95 / I 495	2	2	4	4	~~2030~~ 2035
CE1200	370	MP9	CA4131	Widen	MD 2/4 Solomons Island Road	North of Stoakley Road/Hospital Drive	South of MD 765A (south junction) just south of Parkers Creek	2	2	4	6	~~2040~~ 2045
CE1200	913	NRS	CA4131	Construct	MD 2 / MD 4 Interchange	at Stoakley Road/Hospital Drive and at MD 765A (south junction)		2	5	4	6	~~2040~~ 2045
CE2246	645	NRS		Reconstruct	MD 4 Interchange	at MD 235		2	2	2	~~2~~ 4	2031
	127	MP2C	AT1981	Widen	MD 3 Robert Crain Highway	I595/US 50/US 301	Anne Arundel County Line	2	2	4	6	2035
CE1194	355	NRS	PG9171	Construct	MD 4	at Westphalia Road		2	5	4	6	2040
3547	393	NRS	PG6181	Construct	MD 4 Pennsylvania Avenue	at Suitland Parkway		5	5	4	4	2020
CE1194	933	NRS	PG9171	Construct	MD 4 Interchange	at Dower House Road		5	5	4	6	2040
CE1194	212	MP3A	PG9171	Widen	MD 4 Pennsylvania Avenue	I-95/I-495	MD 223	5	5	4	6	2040
CE1196 3469	440	NRS		Construct	MD 5	at Earnshaw/Burch Hill Roads		2	5	4	6	~~2030~~ 2035
3469 CE1196	205	MP4F	PG3916	Widen/Upgrade	MD 5 Branch Avenue	US 301 at T.B.	North of I95 /I 495	2	5	4	6	~~2030~~ 2035
	354	NRS	PG1751	Construct	MD 5	at MD 373 and Brandywine Road		2	5	4	6	2019
3469 CE1196	441	NRS		Construct	MD 5 Branch Avenue	at Surratts Road		2	5	4	6	~~2030~~ 2035
CE3567	914	MP15B	FR1881	Construct/Widen	US 15	MD 26	North of Biggs Ford Road	5	5	4	6	~~2045~~ 2040

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CE3566	915	MP15A	FR1881	Construct/Widen	US 15	US 340 / South Jefferson Street	MD 26	5	5	4	6	2030
CE913	358	MP15	FR5711	Construct	US 15 **Interchange**	at Monocacy Blvd./**Christophers Crossing**		3	3	4	4	~~2019~~ 2018 complete
3641 CE1197	211	NRS	MO8911	Construct	US 29 Columbia Pike	at Musgrove/Fairland Road				6	6	2035
CE1197	551			Construct	US 29 Columbia Pike	at Tech Road / Industrial Road		5	5	6	6	2030
CE1197	552, 919, 918	MP19A MP19B MP19C		Construct	US 29 Columbia Pike Interchange	at Stewart Lane, Greencastle Road, & Blackburn Road		5	5	6	6	2045
	647	~~MP5e~~ NRS		Study	US 29 Columbia Pike	North of MD 650 New Hampshire Avenue	Howard County Line	5	5	6	6	2045
CE3425	941	NRS	PG0641	Reconstruct	US 50	District of Columbia line	I 95 / I 495	2	2	4	4	2035
CE1210	858	FP2B		Widen	MD 85	South of English Muffin Way	Crestwood Drive/Shockley Drive	2	2	2/4	4	2035
6483	391	FP2A	FR3881	Construct/Widen	MD 85 Buckeystown Pike	Crestwood Drive/Shockley Drive	Spectrum Drive	2	2	~~4~~	6	2022
CE1210	859	FP2C	FR3881	Construct/Widen	MD 85 Buckeystown Pike	Spectrum Drive	North of Grove Road	2	2	~~4~~	6	2035
CE1190	387	MP14	PG6191	Reconstruct	MD 202	at Brightseat Road		2	2	6	6	2045
	353	NRS	PG7001	Upgrade	MD 210	at Kerby Hill Road/Livingston Road		5	5	6	6	2021
4879	124	MP6D	PG2211	Upgrade	MD 210 Indian Head Highway	I-95/495	MD 228	2	5	6	6	2040
5527	384	MP18		Construct	US 301 Gov. Nice Bridge	Charles County, MD	King George County, VA	2	2	2	4	2023
CE1004	940	MP8E		Widen	US 301	Harry Nice Bridge	I-595 / US 50	2	5	4/6	6	2045
CE2239	939	NRS	CH2031	Reconstruct	US 301 Interchange	at MD 5 Business/MD 228		2	5	6	6	~~2030~~ 2040
CF2239	938	NRS	CH2031	Reconstruct	US 301	at MD 5 (south junction)		2	5	6	6	~~2030~~ 2035
CE1619	937	NRS		Construct	US 301 Interchange	at MD 197		5	5	6	6	~~2030~~ 2035
	Secondary											
3476 CE1462	206	MS2F	MO8861	Widen	MD 28 Norbeck Road	MD 97	MD 182	2	2	2	2-4	2045
3476 CE1462	925	NRS	MO8861	Reconstruct	MD 28 Norbeck Road	MD 182	Norwood Road	2	2	4	4	2045
3476 CE1462	926	NRS	MO8861	Reconstruct	MD 198	Norwood Road	MD 650	2	2	2	2	2045
3476 CE1462	927	NRS	MO8861	Reconstruct	MD 198	MD 650	Old Columbia Pike	2	2	2	2	2045

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3476 CE1462	928	NRS	MO8861	Reconstruct	MD 198	Old Columbia Pike	US 29A	2	2	4	4	2045
3476 CE1462	929	NRS	MO8861	Reconstruct	MD 198	US 29A	I 95	2	2	4	4	2045
3106	137	MP12C	MO7461	Construct	MD 97 Brookeville Bypass	Gold Mine Road	North of Brookville	0	2	0	2	2021
CE2618	931		MO2241	Widen	MD 97	MD 390	MD 192 / Forest Glen Road	2	2	~~6/7~~ 7	~~7/8~~ 8	~~2025~~ 2030
CE1211	392	NRS	MO8521	Upgrade	MD 97 Georgia Avenue Interchange	at MD 28 Norbeck Road		2	2	6	6	2035
	135	NRS	MO8541	Upgrade	MD 97 Georgia Avenue Interchange	at Randolph Road		2	2	6	6	2018
CE1203	115	MS32		~~Widen~~ Reconstruct	MD 117 Clopper Road	I270	Metropolitan Grove Road	~~2~~ 3	~~2~~ 3	~~2/4~~ 4	4	2030
CE1203	921	NRS		Reconstruct	MD 117 Clopper Road	Metropolitan Grove Road	West of Game Preserve Road	3	3	~~2/4~~ 2	~~2/4~~ 3	~~2030~~ 2035
3057 CE1206	118	MS6B	MO632	Widen	MD 124 Woodfield Road	Midcounty Highway	South of Airpark Drive	3	3	2	6	2035
3057 CE1206	1	MS6D	MO6323	Widen	MD 124 Woodfield Road	North of Fieldcrest Road	Warfield Road	3	3	2	6	2035
CE2253	356	MS35	PG6911	Widen	MD 197 Collington Road	MD 450	Kenhill Drive	2	2	2	4	~~2025~~ 2030
CE2261	924	MS36A	FR5491	Construct/Widen	MD 180	Greenfield Drive	I 70 (west junction)	4	4	2	4	~~2030~~ 2035
	~~857~~	~~MS36B~~	~~FR6781~~	~~Construct/Widen~~	~~MD 180~~	~~I 70 (west junction)~~	~~Ballenger Center Drive~~	~~4~~	~~4~~	~~2/4~~	~~4~~	~~2021~~
CE1204	359	MS10B	PG9491	Widen	MD 201 Edmonston Rd. / Old Baltimore Pike	Cherrywood Lane	Ammendale Way	3	3	2/3	4	2045
CE1204	965	MS10E	PG9491	Construct/Widen	MD 201 Extended (Cedarhurst Dr.)	Muirkirk Road	US 1	3	3	2	4	2045
CE2248	942	NRS	PG5811	Reconstruct	MD 223	MD 4	Steed Road	3	3	2	2	2045
CE1207	175	MS18D	PG6541	Widen	MD 450 Annapolis Road	Stonybrook Drive	west of MD 3	2	2	2	4	~~2020~~ 2030
	516	same as MC15B	MO3441	Construct	Montrose Parkway	Randolph Road	East of Parklawn Drive	0	2	0	4	2020
6384	152	BRAC nrs	MO5931	Reconstruct	BRAC Intersection Improvements near the National Naval Medical Center, Bethesda			2	2			2020 complete
	Frederick County											
	Secondary											

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	648	MS36C	FR5491	Widen/Upgrade	MD 180 Ballenger Creek Pike	Ballenger Center Drive	Corporate Drive	3	2	2	4	2020
	993	in FS3		Widen/Upgrade	Christopher's Crossing	Whittier Drive	Poole Jones Road	3	3	2	4	2024
	880	FS3		Expansion	Christopher's Crossing	Walter Martz Road	Thomas Johnson Drive	3	3	0 to 2	4	2020
	879	NRS		Construct	Christopher's Crossing	Shookstown Road	Rocky Springs Road	3	3	0	4	2026
	651	FS2a		Widen	Monocacy Boulevard	Schifferstadt Boulevard	Gas House Pike	3	3	2	4	2019
	691	NRS	F3	Construct	Spectrum Drive	Technology Way	MD 85 Buckeystown Pike	0	4	0	2	2030
	Montgomery County											
	Secondary											
3498	208	NRS		Construct	Burtonsville Access Road	MD 198 Spencerville Road	School Access Road in Burtonsville	0	4	0	2	2025
5944	597	NRS		Construct	Century Boulevard	Current terminus south of Oxbridge Tract	Intersection with future Dorsey Mill Road	0	3	0	4	~~2020~~ 2013 Completed
CE1577	199	MC43		Construct	Dorsey Mill Road Bridge over I-270	Century Blvd.	Milestone Center Dr.	0	3	0	4	~~2020~~ 2030
3049	112	MC7A		Widen	Goshen Road South	South of Girard Street	1000 feet north of Warfield Road	3	3	2	4	~~2025~~ 2030
				Widen	Little Seneca Parkway	MD355	Observation Drive	3	3	2	4	2035
CE1245	172	MC11A		Construct	M 83 MidCounty Highway Extended	MD 27 Ridge Road	Middlebrook Road	0	2	0	4-6	~~2025~~ 2045
CE1245	204	MC11D	509337-1	Construct	M 83 Midcounty Highway Extended	Middlebrook Road	Montgomery Village Avenue	0	2	0	4-6	~~2025~~ 2045
	113	MC12F		Widen	MD 118 Germantown Road Extended	MD 355	M 83 at Watkins Mill Road	2	2	3	4	2020
CE1229	161	MC14G		Widen	Middlebrook Road Ext.	MD 355	M 83	2	2	3	4	~~2025~~ 2045
3703	214	MC15B		Construct	Montrose Parkway East	Eastern Limit of MD 355/Montrose Interchange	Veirs Mill Road/Parkland Road Intersection	0	2	0	4	~~2022~~ 2045
				Construct	Extend Observation Drive	Waters Discovery Lane	West Old Baltimore Road	0	3	0	4	2035
				Construct	Extend Observation Drive	Little Seneca Parkway	Existing Observation Drive near Stringtown Road	0	3	0	2	2045
CE2912	428	NRS		Construct	Platt Ridge Drive Extended	Jones Bridge Road	Montrose Driveway			0	2	~~2018~~ 2025
CE1236	119	MC34		Widen	Snouffer School Road	MD 124 Woodfield Road	Centerway Road	3	3	2	4	~~2019~~ 2021

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	Urban											
5985	421		501204-1	Construct	Executive Blvd Extended East	MD 355 Rockville Pike	New Nebel Street Extended			0	4	~~2020~~ 2026
5985	422			Construct	Executive Blvd Extended West	MD 187 Old Georgetown Road	Marinelli Road			0	4	~~2020~~ 2026
5986	424		501116-6	Construct	Hoya Street	Executive Blvd	Montrose Parkway			0	4	~~2020~~ 2030
5986	425		501116-1	Construct	Main Street / Market Street	MD 187 Old Georgetown Road	MD 355 Rockville Pike			0	2	~~2020~~ 2030
5986	423		501116-5	Construct	MD 187 Old Georgetown Road	MD 187 Old Georgetown Road	Nicholson Lane/Tilden Lane			0	6	~~2020~~ 2030
	Prince George's County											
	Secondary											
6367	361	PGS3a		Widen	Addison Road	Walker Mill Road	MD 214 Central Avenue	3	3	2	4	~~2023~~ 2026
6367	362	NRS		Reconstruct	Addison Road	Sherieff Road	MD 704	4	4	2	2	~~2025~~ 2028
CE1270	386	PGS5		Construct	Allentown Road Relocated	MD 210 Indian Head Highway	Brinkley Road		3		4	~~2025~~ 2028
CE1320	365	PGS73	PGS73	Widen	Ardwick-Ardmore Road	MD 704	91st Ave.	4	4	2	4	~~2025~~ 2030
CE1272	388	PGS9a		Widen	Bowie Race Track Road	MD 450 Annapolis Road	~~Old Chapel Road~~ Clearfield Road	4	4	2	4	~~2025~~ 2024
CE1272	~~389~~	~~PGS9b~~		~~Widen~~	~~Bowie Race Track Road~~	~~MD 197 Laurel-Bowie Road~~	~~Old Chapel Road~~	~~4~~	~~4~~	~~2~~	~~4~~	~~2025~~
CE1273	~~390~~	~~PGS10~~		~~Widen~~	~~Brandywine Road~~	~~Piscataway Road (north of)~~	~~Thrift Road~~	~~4~~	~~4~~	~~2~~	~~4~~	~~2020~~
CE1274	~~418~~	~~PGS12~~		~~Widen~~	~~Brinkley Road~~	~~MD 414 St. Barnabas Road~~	~~MD 337 Allentown Road~~	~~3~~	~~3~~	~~4~~	~~6~~	~~2020~~
CE1275	~~134~~	~~PGS13~~		~~Construct~~	~~Brooks Drive Extended~~	~~Marlboro Pike~~	~~Rollins Avenue~~	~~0~~	~~3~~	~~0~~	~~4~~	~~2020~~
CE1277	140	PGS16a		Construct	Campus Way North	Lake Arbor Way	south of Lottsford Road	0	4	0	4	2023
CE1277	138	PGS16b		Construct	Campus Way North Extended	south of Lottsford Road	Evarts Drive	0	4	0	4	2020
CE1278	141	PGS17		Widen	Cherry Hill Road	Powder Mill Road	Selman Road	3	3	2	4	2019 Complete
CE1279	142	PGS18		Widen	Church Road	Woodmore Road	Central Ave. (MD 214)	4	4	2	4	~~2021~~ 2028

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CE1280	144	PGS20b		Widen	Columbia Park Road	US 50	Cabin Branch Road	4	4	2	4	~~2020~~ 2014 Complete
CE1280	143	PGS20a		Widen	Columbia Park Road	Cabin Branch Road	Columbia Terrace	4	4	2	4	2020
CE1281	145	PGS21a		Widen	Contee Road	US 1	MD 201 Virginia Manor Road	4	4	2	4	2018 Complete
CE1282	~~146~~	~~PGS22~~		~~Widen~~	~~Dangerfield Road~~	~~Cheltenham Avenue~~	~~MD 223 Woodyard Road~~	~~4~~	~~4~~	~~2~~	~~4~~	~~2020~~
CE1283	~~147~~	~~PGS24b~~		~~Widen~~	~~Dower House Road~~	~~Foxley Road~~	~~MD 4 Pennsylvania Avenue~~	~~4~~	~~4~~	~~2~~	~~6~~	~~2025~~
CE1283	~~155~~	~~PGS24a~~		~~Widen~~	~~Dower House Road~~	~~MD 223 Woodyard Road~~	~~Foxley Road~~	~~4~~	~~4~~	~~2~~	~~4~~	~~2025~~
CE1284	~~156~~	~~PGS25~~		~~Widen~~	~~Fisher Road~~	~~Brinkley Road~~	~~Holton Lane~~	~~4~~	~~4~~	~~2~~	~~4~~	~~2025~~
CE1285	~~157~~	~~NRS~~		~~Construct~~	~~Forbes Boulevard Extended~~	~~south of Amtrak~~	~~MD 193 Greenbelt Road~~	~~0~~	4	~~0~~	4	~~2020~~
CE1287	~~159~~	~~PGS29~~		~~Widen~~	~~Fort Washington Road~~	~~Riverview Road~~	~~MD 210 Indian Head Highway~~	~~4~~	~~4~~	~~2~~	~~4~~	~~2025~~
CE1288	~~160~~	~~PGS30b~~		~~Widen~~	~~Good Luck Road~~	~~Cipriano Road~~	~~MD 193 Greenbelt Road~~	~~4~~	~~4~~	~~2~~	~~4~~	~~2025~~
CE1288	162	PGS30a		Widen	Good Luck Road	MD 201 Kenliworth Avenue (east of)	Cipriano Road	4	4	2	4	2025
3132	164	PGS34a		Widen	Hill Road	~~MD 214 Central Avenue~~ Consideration Lane	MD 704 ML King Jr Highway	4	4	2	4	2018 complete
3132	163	PGS34B		Widen	Hill Road	Consideration Lane	MD 214 Central Avenue	4	4	2	4	~~2018~~ 2028
CE1015	~~416~~	~~NRS~~		~~Construct~~	~~Iverson Street Extended~~	~~Wheeler Road~~	~~19th Avenue~~	~~0~~	~~4~~	~~0~~	~~4~~	~~2018~~
CE3438	~~666~~	~~PGS35~~		~~Widen~~	~~Karen Boulevard~~	~~Walker Mill Road~~	~~MD 214 Central Avenue~~	~~4~~	~~4~~	~~2~~	~~4~~	~~2020~~
5806	165	PGS38b		Widen	Livingston Road	Piscataway Creek	Farmington Road	4	4	2	4	~~2020~~ 2025
CE1291	417	PGS38a		Widen	Livingston Road	MD 210 Indian Head Highway at Eastover	Kerby Hill Rd.	4	3	2	4	~~2025~~ 2028
	213	PGS40a		Widen	Lottsford Road	Archer Lane	MD 193 Enterprise Road	3	3	2	4	2021
		PGS40b		Reduce Capacity - bike lanes	Lottsford Road	MD 202 (Landover Rd.)	Largo Dr. West	3	3	6	4	2020

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CE1292	~~166~~	~~PGS39b~~		~~Widen~~	~~Lottsford Vista Road~~	~~MD 704 ML King Jr Highway~~	~~Ardwick-Ardmore Road/Relocated~~	~~4~~	~~4~~	~~2~~	~~4~~	~~2020~~
CE1295	360	PGP4a		Construct	MD 193 Greenbelt Road	Baltimore-Washington Parkway (ramp to)		0	5	0	4	2025
CE1294	167	PGS42		Widen	MD 223 Woodyard Road	Rosaryville Road	Dower House Road	2	2	2	4	~~2020~~ 2017 Complete
CE1294	2	PGS42C		Widen	MD 223 Woodyard Road Relocated	Piscataway Creek/Floral Park Road	MD 4 /Livingston Road	3	3	2	4	2017
CE1295	169	PGS44b		Widen	Metzerott Road	Adelphi Road	MD 193 University Boulevard	4	4	2	4	2020
CE1295	~~168~~	~~PGS44a~~		~~Widen~~	~~Metzerott Road~~	~~MD 650 New Hampshire Avenue~~	~~Adelphi Road~~	~~4~~	~~4~~	~~2~~	~~4~~	~~2020~~
CE1296	~~171~~	~~PGS46~~		~~Widen~~	~~Murkirk Road~~	~~US 1 Baltimore Avenue (west of)~~	~~Odell Road~~	~~4~~	~~4~~	~~2~~	~~4~~	~~2020~~
CE1297	173	PGS47		Widen	Oak Grove and Leeland Roads	MD 193 Watkins Park Road	US 301 Robert Crain Highway	4	4	2	4	~~2020~~ 2028
CE1298	~~174~~	~~PGS48~~		~~Widen~~	~~Old Alexandria Ferry Road~~	~~MD 223 Woodyard Road~~	~~MD 5 Branch Avenue~~	~~4~~	~~4~~	~~2~~	~~4~~	~~2025~~
CE1299	649	PGS50		Widen	Old Branch Avenue	MD 223 Piscataway Road (north of)	MD 337 Allentown Road	4	4	2	4	~~2020~~ 2028
CE1533	~~395~~	~~PGS90~~		~~Construct~~	~~Old Fort Road Extended~~	~~MD 223 Piscataway Road~~	~~Old Fort Road~~	~~4~~	~~4~~	~~0~~	~~4~~	~~2020~~
	369	PGS51a		Widen	Old Gunpowder Road	Powder Mill Road	Greencastle Road	3	3	2	4	2018
CE1324	193	PGS81		Construct	Presidential Parkway	Suitland Parkway	Melwood Road	0	3	0	6	~~2025~~ 2020 Complete
CE1301	~~150~~	~~NRS~~		~~Reconstruct~~	~~Rhode Island Avenue~~	~~MD 193~~	~~US Route 1~~	~~4~~	~~4~~	~~2~~	~~2~~	~~2025~~
CE1302	~~176~~	~~PGS56a~~		~~Widen~~	~~Ritchie Road/Forestville Road~~	~~Alberta Drive~~	~~MD 4 Pennsylvania Avenue~~	~~3~~	~~3~~	~~2~~	~~4~~	~~2020~~
CE2623	153	PGS55b		Widen	Ritchie-Marlboro Road	White House Road	Old Marlboro Pike	2	2	2	4	~~2020~~ 2028
CE1303	~~177~~	~~PGS57~~		~~CE1197)~~	~~Rollins Avenue~~	~~MD 214 Central Avenue~~	~~Walker Mill Road~~	~~4~~	~~4~~	~~2~~	~~4~~	~~2020~~
CE1304	178	PGS58		Widen	Rosaryville Road	US 301	MD 223 Woodyard Road	3	3	2	4	2020
CE1305	179	PGS60B		Widen	Spine Road	MD 5 Branch Avenue / US 301	MD 381 Brandywine Road	3	3	2	4	~~2025~~ 2020 Complete
CE1306	~~109~~	~~PGS61~~		~~Widen~~	~~Springfield Road~~	~~Lanham-Severn Road~~	~~Good Luck Road~~	~~4~~	~~4~~	~~2~~	~~4~~	~~2020~~
CE1307	122	PGP2		Construct	Suitland Parkway Interchange at	Rena/Forestville Roads		5	5			~~2025~~ 2021 Complete
CE1309	181	PGPS63		Widen	Sunnyside Avenue	US 1	MD 201 Kenilworth Avenue	4	4	2	4	2022

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CE1313	185	PGP5a		Construct	US 50 Columbia Park Road Ramp	wb ramp to Columbia Park Rd						~~2025~~ 2014 Complete
CE1314	187	PGS67a		Widen	Van Dusen Road	Contee Road	MD 198 Sandy Springs Road	3	3	2	4	2020
CE1314	~~186~~	~~PGS67b~~		~~Construct~~	~~Van Dusen Road Interchange at~~	~~Contee Road~~						~~2025~~
	188	PGS68		Widen	Virginia Manor Road	Muirkirk Road	Old Gunpowder Road	4	4	2	4	2014
CE1316	429	PGS69a		Widen	Walker Mill Road	Silver Hill Road	I 95	3	3	2	4	~~2020~~ 2028
CE2624	154	PGS91		Widen	Westphalia Road	MD 4 Pennsylvania Avenue	Ritchie-Marlboro Road	2	2	2	4	~~2020~~ 2028
3166	189	PGS70		Widen	Wheeler Road	DC Limits	St. Barnabas Road	3	3	2	4	2018 complete
CE1318	~~437~~	~~PGS71~~		~~Widen~~	~~White House Road~~	~~Ritchie-Marlboro Road~~	~~MD 202 Largo-Landover Road~~	~~3~~	~~3~~	~~2~~	~~6~~	~~2020~~
CE1319	~~190~~	~~PGS72~~		~~Widen~~	~~Whitfield Chapel Road~~	~~CE1319~~	~~Ardwick-Ardmore Road~~	~~4~~	~~4~~	~~2~~	~~4~~	~~2020~~
	436	PGS40b		Construct	Woodmore Road	MD 193 Enterprise Road	Church Road	3	3	2	4	2025
Anne Arundel County												
		AA14C		Widen	US 50 EB only	MD 70	MD 2 NB	1	1	6	7	2019
		AA14D		Widen	US 50	I-97	MD 2	1	1	6	8	2045
		AA15a		Widen	I-295	I-195	MD 100	1	1	4	6	2035
		AA3E		Widen	MD 2	US 50	I-695			4	6	2035
		AA4e		Widen	MD 3	MD 32	St. Stephen's Church Rd.	2	2	4	6	2025
		AA6e		Widen	MD 100	Howard Co. Line	I-97		5/1	4	6	2035
		AA8b		Widen	MD 175	MD 170	National Business Parkway		2	4	6	2025
		AA35		Widen	MD 177	MD 2	Lake Shore Dr.			2	4	2045
		AA30		Widen	MD 198	MD 32	BW Parkway	2	2	2	4	2030
				Widen	MD 214	MD 424	Shoreham Beach Dr.			2	4	2045
		AA34a		Widen	MD 713	MD 175	Stoney Run Dr.		2	2	4	2040
Carroll County												
		CA1B		Widen	MD 140	Sullivan Road	Market St.		1	4/6	8	2035
		NRS		reconstruct	MD 140 (w/ intchg @ MD ~~1~~91)	Baltimore County Line	Kays Mill Rd.			4	4	2035
		CA2a		Widen	MD 26	MD 32	Liberty Reservoir			4	6	2035
		CA4A		widen	MD 32	MD 26	Howard County Line		2	2	4	2040
		CA5		Widen	MD 97	MD 140	Bachmans Valley Rd.		2	2	4	2035
Howard County												
		HW1b		Widen	I-70	US 29	MD 32	1	1	4	6	2035

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		HW19		Widen	I-95 Peak period shoulder use	MD 32	MD 100	1	1	4	4+1	2035
		HW20		Widen	US 1	Howard/PG line	Howard/Balt. Co. line			4	6	2045
		HW10b		Widen	US 29 NB	Middle Patuxent River	Seneca Dr.		5	4	6	2030
		HW10F		Widen	US 29 NB	Seneca Dr.	MD 100	5	5	5	6	2017
		HW3c		Widen	MD 32	Cedar Lane	Anne Arundel County Line Brock Bridge Rd.		1	4/6	8	2045
		HW3B		Widen	MD 32	MD 108	I-70		2	2	4	2021
		HW3D		Widen	MD 32	I-70	Howard/ Carroll County Line River Rd			2	4	2045
		HW5F		Widen	MD 100	I-95	AA/Howard Line	1	1	4	6	2035
		HW6c		Widen	MD 108	Trotter Rd.	Guilford Rd.	2	2	2	4	2035
		HW7C		Widen	MD 175	Oceano Ave	Howard/AA Col Line			2	4	2045
		HW8b		Widen	MD 216	High School Access Rd.	Maple Lawn Blvd.		3	2	4	2015
		HW14c		Widen	Snowden River Parkway	Oakland Mills Road	Broken Land Parkway		3	4	6	2023
		NRS		Widen	Dorsey Run Rd.	MD 175	CSX RR spur			2	4	2021
		nrs		Widen	Guilford Rd.	US 1	Dorsey Run Road			2	4	2020
alvert-St. Mary's MPO												
CE2246	644	MP9B	C-SMMPO	Construct	Thomas Johnson Bridge replacement	over the Patuxent River		2	2	2	4	2031
		MP9C	C-SMMPO	Widen	MD 4 (in St. Mary's County)	Thomas Johnson Bridge	MD 235	2	2	2	4	2031
		nrs	C-SMMPO	Construct	MD 4/ MD 235 Interchange	in Lexington Park		2	2	--	--	2028
		MP9D	C-SMMPO	Widen	MD 4 (in Calvert County)	Thomas Johnson Bridge	Patuxent Point Parkway	2	2	2	4	2031
VDOT												
	Federal Lands											
CE3061	433	FED3a		Construct	Manassas Battlefield Bypass	US 29 West of Centreville	East of Gainesville, via 234	0	1	0	4	~~2035~~ 2040
CE3061	434	FED3b		Remove/Close	US 29 Lee Highway	Pageland Lane	Bridge over Bull Run	2	2	2/4	0	~~2035~~ 2040
CE3061	435	FED3c		Remove/Close	VA 234 Sudley Road	Southern Park Boundary	Sudley Springs (north of park)			2	0	2030
	Interstate											
CE1759	399	VI1AJ	81009	Construct	I 66 Vienna Metro Station bus ramp (duplicate project with ConID 759, below)	Transit Ramps- from EB & to WB	~~Saintsbury Dr.~~ '@Vaden Dr.	1	1	0	2	2021
CE2096	271	VI1AF	78828	Reconstruct	I 66 WB Operational/Spot Improvements	Westmoreland Dr. / Washington Blvd Exit	Haycock Rd /Dulles Access Highway	1	1	3	4	~~2020~~ 2016 complete

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2022 Update to VISUALIZE 2045 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

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								Facility		Lanes		
PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Fr	To	Fr	To	Completion Date
CE2096	350	VI1AG	78827	Reconstruct	I 66 WB Operational/Spot Improvements	Lee Highway/Spout Run On-Ramp	Glebe Road Off-Ramp	1	1	2	3	~~2020~~ 2022
CE3448	718	VI1Y	105500	Widen / Revise Operations	I-66		US 50	1	1	3 general purpose in each direction + 1 HOV in peak direction during peak period	3 general purpose + 1 Auxiliary + 2 HOT each direction	2021
CE3448	851	VI1Z	105500	Widen / Revise Operations	I-66	US 50	US 29 Centreville	1	1	4 general purpose in each direction off-peak, 3 general purpose + 1 HOV in peak direction during peak period	3 general purpose + 1 Auxiliary + 2 HOT in each direction (2 Aux per direction btwn VA 286 & VA 28 only)	2021

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PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Facility Fr	Facility To	Lanes Fr	Lanes To	Completion Date
CE3448	852	VI1ZA	105500	Widen / Revise Operations	I-66	US 29 Centreville	University Boulevard Ramps (new interchange for HOT only)	1	1	4 general purpose in each direction off-peak, 3 general purpose + 1 HOV in peak direction during peak period	3 general purpose + 2 HOT in each direction	2021
CE3448	852	VI1ZA1	105500	Widen / Revise Operations	I-66	VA 234 Bypass	University Blvd.	1	1	4 general purpose in each direction off-peak, 3 general purpose + 1 HOV in peak direction during peak period	3 general purpose+ 2 HOT in each direction (+1 Auxiliary each direction between US 29 and VA 234 Bypass only)	2021
CE3448	853	VI1ZB	105500	Widen / Revise Operations	I-66	University Boulevard Ramps (new interchange for HOT only)	US 15 (1.2 miles west of)	1	1	4 general purpose in each direction off-peak, 3 general purpose + 1 HOV in peak direction during peak period	3 general purpose+ 2 HOT in each direction (+1 Auxiliary each direction between US 29 and VA 234 Bypass only)	2040

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2022 Update to VISUALIZE 2045 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

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								Facility		Lanes		
PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Fr	To	Fr	To	Completion Date
CE3484	740	VI1X	97586	Revise Operations	I-66	I-495	US 29 near Rosslyn	1	1	HOV 2 in peak direction during peak period	HOT 2 in peak direction during peak period	2017 complete
CE3484	862	VI1X1		Revise Operations	I-66	I-495	US 29 near Rosslyn	1	1	HOT 2 in peak direction during peak period	HOT 3 in peak direction during peak period	~~2021~~ 2022
CE3484	863	VI1X2		Revise Operations	I-66	I-495	US 29 near Rosslyn	1	1	HOT 3 in peak direction during peak period	HOT 3 in both directions during peak period	2040
CE3448	7221			Study	I-66 Revise Operations by 2024	I495	US 29 near Rosslyn			HOT 3 in peak direction during peak period	HOT 3 in both directions during peak period	not coded
CE3484	788	VI1XB		Construct/Widen	I 66 Eastbound	VA 267 DTR	Washington Blvd. Off-Ramp	1	1	3	4	2020
CE3484	789	VI1XC		Construct/Widen	I 66 Eastbound	Washington Blvd. Off-Ramp	North Fairfax Drive	1	1	2	3	2020
CE3484	786	VI1XD		Construct/Widen	I 66 Westbound	Sycamore Street	Washington Blvd. On-Ramp	1	1	2	3	2040
CE3448	752	I66R31 I66R32 I66R34		Construct	I-66 Express Lanes Interchange Ramps	EB Expr to SB GP NB GP to WB Expr SB Expr to WB Expr EB Expr to NB GP SB GP to WB Expr	I-495 Interchange (Capital Beltway GP and Express Lanes)	0	1	0	1	2022
CE3448	753	I66R37		Construct	I-66 General Purpose Lanes Interchange Ramp	NB Expr to WB GP (modification of existing loop ramp)	I-495 Interchange (Capital Beltway GP and Express Lanes)	0	1	0	1	2022

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								Facility		Lanes		
PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Fr	To	Fr	To	Completion Date
CE3448	754			Relocate / Reconstruct	I-66 Interchange	Dual-lane loop ramp from NB I-495 GP to I-66 GP relocated to dual-lane flyover & existing ramp modified to NB I-495 GP to I-66 WB HOT	@ I-495	1	1	2	2	2022
CE3448	755			Reconstruct	I-66 Interchange	EB GP to SB GP WB GP to SB GP WB GP to SB Expr NB GP to EB GP SB GP to WB GP	@ I-495	1	1	—	—	2022
CE3448	756	I66R29		Construct	I-66 flyover ramp	EB general purpose to EB express lanes	.5 mile east of VA 243	0	1	0	1	2022
CE3448	757	NRS		Reconstruct	I-66 Interchange	Cloverleaf interchange converted to diverging diamond interchange	@ Nutley Street (VA 243)	1	1	—	—	2022
CE3448	759	I66R27 I66R28		Construct	I-66 Express Lanes Interchange Ramps (duplicate project with ConID 399, above)	EB off-ramp, WB on-ramp to/from I-66 Express lanes	`	1	1		Bus / HOV-3 / HOT from proposed Express Lanes	2022
CE3448	983	I66R43		Remove	I-66 ramp	remove existing EB on-ramp from Saintsbury Dr. at Vaden Dr.						2022
CE3448	762	VI1YA		Reconstruct	I-66 Interchange	Reconfigured interchange to eliminate C-D roads & replacemodify EB to NB loop ramp with flyover& WB to SB flyover	@ Chain Bridge Road (VA 123)	1	1	—	—	2022
CE3448	763	I66R25 I66R26		Construct	I-66 Express Lanes Interchange Ramps	EB on-ramp, EB off-ramp, WB on-ramp, WB off-ramp to/from I-66 Express Lanes	@ Chain Bridge Road (VA 123)	0	1	0	1	2022
CE3448	765	I66R23 I66R24		Construct	I-66 Express Lanes Interchange Ramps	EB on-ramp, WB off-ramp to/from I-66 Express lanes	@ Lee Jackson Mem Highway (US 50)	0	1	0	1	2022
CE3448	766	I66R62		Construct	I-66 Express Lanes Interchange ramps	EB Express Lanes on-ramp from NB US 50	@ Lee Jackson Mem Highway (US 50)	0	1	0	1	2040
CE3448	767	I66R19A I66R20A I66R21A I66R22A		Relocate / Reconstruct	I-66 Interchange	Reconfigure interchange with Express lanes ramps shifted to the north of I-66; ; Construct new EB off-ramp, WB on-ramp to/from I-66 Express lanes	@ Monument Drive (US 50)	1	1	Bus / HOV-2 Reversible by time of day	Bus / HOV-3 / HOT Movements in both directions 24 hrs/day	2040

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2022 Update to VISUALIZE 2045 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

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									Facility		Lanes		
PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To		Fr	To	Fr	To	Completion Date
CE3448	768	I66R19 I66R20 I66R21 I66R22		Reconstruct / Revise Operations / Construct	I-66 Interchange	Conversion of existing HOV ramps to HOT; Construct new EB off-ramp, WB on-ramp to/from I-66 Express lanes	@ Monument Drive (US 50)		1	1	Bus / HOV-2 Reversible by time of day	Bus / HOV-3 / HOT Movements in both directions 24 hrs/day	2022
CE3448	769	I66R17 I66R18		Revise Operations	I-66 Express Lanes Interchange Ramps	The existing reversible HOV ramp at Stringfellow Road will be expanded and converted to Express Lanes ramps providing access to and from the east using the Express Lanes. The new ramps will allow two-way traffic to and from the Express Lanes toward the Beltway 24 hours a day.	@ Stringfellow Road		1	1	Bus / HOV-2 Reversible by time of day	Bus / HOV-3 / HOT both directions 24 hrs / day	2022
CE3448	771	I66R16		Construct	I-66 flyover ramp	EB express lanes to EB general purpose	1.5 miles west of VA 286		0	1	0	1	2022
CE3448	772	I66R41		Construct	I-66 slip ramp	EB general purpose to EB express lanes	2.5 miles west of VA 286		0	1	0	1	2022
CE3448	773	I66R15		Construct	I-66 flyover ramp	WB express lanes to WB general purpose	1 mile west of VA 286		0	1	0	1	2022
CE3448	774	I66R42		Construct	I-66 slip ramp	WB general purpose to WB express lanes	2.0 miles west of VA 286		0	1	0	1	2022
CE3448	776	I66R11 I66R12 I66R13 I66R14 I66R40		Construct	I-66 Express Lanes Interchange Ramps	EB Expr to NB GP WB Expr to NB GP SB GP to EB Expr SB GP to WB Expr NB GP to EB Expr	Route 28 Interchange		0	1	0	*1*	2022
CE3448	781?	I66R61		Construct	I-66 Express Lanes Interchange ramps	SB HOV to WB Expr	Route 28 Interchange		0	1	0	1	2040
CE3448	917			Construct	I-66 flyover ramp	EB general purpose to EB Express Lanes	.65 miles east of VA Bus 234		0	1	0	1	2022
CE3448	920			Construct	I-66 flyover ramp	WB Express Lanes to WB general purpose	.65 miles east of VA Bus 235		0	1	0	1	2022
CE3448	778	I66R9 I66R10		Construct	I-66 Express Lanes Interchange Ramps	EB on-ramp, WB off-ramp to/from I-66 Express lanes	@ Balls Ford Road / Ashton Avenue Connector 1.25 mile west of VA Bus 234		0	1	0	*1*	2022
CE3448	779	I66R7 I66R8		Construct	I-66 Express Lanes Interchange Ramps	EB on-ramp, WB off-ramp to/from I-66 Express lanes	@ Cushing Road Park-Ride Lot .5 mile east of VA 234 Bypass		0	1	0	*1*	2040

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CE3448	855	I66R38 I66R39		Construct	I-66 Express Lanes Interchange Ramps	EB off-ramp, WB on-ramp to/from I-66 Express lanes	@ VA 234 Bypass to/from south of I-66	0	1	0	*1*	2040
CE3448	781	I66R5 I66R6		Construct	I-66 Express Lanes Interchange Ramps	EB on-ramp, WB off-ramp to/from I-66 Express lanes	@ University Bloulevard .75 mile east of US 29	0	1	0	*1*	2022
CE3448	*784*	I66R1 I66R1A I66R2 I66R2A		Construct	I-66 Express Lanes Interchange Ramps	EB on-ramp & off-ramp, WB on-ramp & off-ramp to/from I-66 Express lanes	@ New connector road between Heathcote Boulevard and VA 55 approx .5 mile west of US 15	0	1	0	*1*	2040
CE3448	*785*	VSP49C		Construct	I-66 Express Lanes Access Connector Road	Heathcote Boulevard Extension	John Marshall Highway (VA 55)	0	1	0	*1*	2040
CE3179	444	VI2T		Widen	I 395 southbound	VA 236 Duke Street (north of)	VA 648 Edsall Road (south of)	1	1	3	4	2018 Complete
	854	VI2V		Widen/Revise Operations	I-395 reversible HOV lanes	Turkeycock Run	vicinity of Eads Street	1	1	2 reversible HOV 3+ lanes during peak periods	3 reversible HOT-3+ lanes operating nb in am and sb in pm	2019 complete
				Revise Operations	I-395 Flyover Ramp South of Duke Street (NB)	I-395 NB GP lanes	I-395 HOV lanes	1	1	HOV-3+ in am peak period	HOT-3+ in morning hours	2019 complete
				Revise Operations	I-395 HOV nb on-ramp at Seminary	Seminary Road	I-395 HOV lanes	1	1	HOV-3+ in am peak period	HOT-3+ in morning hours	2019 complete
				Revise Operations	I-395 HOV sb off-ramp at Seminary	I-395 HOV lanes	Seminary Road	1	1	HOV-3+ in pm peak period	HOT-3+ in evening hours	2019 complete
				Revise Operations	I-395 HOV nb on-ramp at Shirlington Circle	Shirlington Circle	I-395 HOV lanes	1	1	HOV-3+ in am peak period	HOT-3+ in morning hours	2019 complete
				Revise Operations	I-395 HOV sb off-ramp at Shirlington Circle	I-395 HOV lanes	Shirlington Circle	1	1	HOV-3+ in pm peak period	HOT-3+ in evening hours	2019 complete
				Revise Operations	I-395 HOV sb off-ramp near Edsall Rd.	I-395 HOV lanes	I-395 SB GP lanes	1	1	HOV-3+ in pm peak period	HOT-3+ in evening hours	2019 complete
				Revise Operations	I-395 NB HOV Ramp to Washington Blvd.	I-395 NB HOV lanes	Washington Blvd. NB	1	1	HOV-3+ in am peak period	HOT-3+ in morning hours	2019 complete
				Revise Operations	I-395 SB HOV Ramp from Washington Blvd.	Washington Blvd. SB	I-395 SB HOV lanes	1	1	HOV-3+ in pm peak period	HOT-3+ in evening hours	2019 complete
				Revise Operations	I-395 HOV nb off ramp at Eads Street			1	1	HOV-3+ in am peak period	HOT-3+ in morning hours	2019 complete

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								Facility		Lanes		
PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Fr	To	Fr	To	Completion Date
				Revise Operations	I-395 sb HOV on-ramp at Eads Street			1	1	HOV-3+ in pm peak period	HOT3+ in evening hours	2019 complete
		VI2R47		Remove	I-395 HOV/HOT SB Slip Ramp to I-395 main lanes	Just south of Eads St		1	0	1	0	2019 complete
CE2147	270	VI2AC		Reconstruct	I 95 Interchange	VA 613 Van Dorn Street		1	1			2030
CE3556				Construct	I-95 HOT lanes ramp	.25 miles south of Russell Road (Exit 148)	Russell Road	0	1	0	1	2022
CE3093	6	NRS		Reconstruct	Boundary Chanel Drive	Old Jefferson Davis Highway (off of I-395 Boundary Chanel Interchange)						~~2020~~ 2022
CE2667	378	BRAC	BRAC0005	Construct	I 95 NB Off Ramp at Newington	I-95 NB	Fairfax County Parkway NB	1	1	0	1	2020
CE2668	8	BRAC0004 / VI2ra		Construct	I 95 Reversible Ramp (Colocated w/ existing slip ramp from HOV to GP lanes)	I 95 HOV/BUS/HOT Lanes (Located N of Rte. 7100/I 95 I/C Phase II DAR)	EPG Southern Loop Road AM Only	0	1	0	1	2025
	16	VI2r43a		Construct	I 95 HOV/Bus/HOT Ramp SB Gen Purpose Lanes to SB HOV/Bus/HOT lanes	Between Dumfries Rd. and Joplin Rd.		0	1	0	1	2018
	18	VI2r45a		Construct	I 95 HOV/Bus/HOT Ramp NB HOV/Bus/HOT lanes to NB Gen Purpose Lanes	Between Joplin Rd. and Russell Rd.		0	1	0	1	2018
	969	VI2X		Construct	I-95 Auxiliary Lane SB	VA 123	VA 294	1	1	0	1	2022
CE3697	1011	VI2R48		Construct	I-95 Opitz Drive Reversible Ramp	I-95 Express Lanes at Opitz Drive	Optiz Drive	1	1	0	1	2022
CE3763				Study	I 95/I 495 Gap Study - Study HOT lanes, including potential ramp access at Van Dorn St. and US 1	East Side of Springfield Interchange	East of Wilson Bridge	1	1			not coded
CE3272	20	VI4Iaux1		Widen	I 495 Capital Beltway NB Auxiliary Lane	North of Hemming Ave. Underpass	Braddock Road Off Ramp	1	1	4+2	5+2	2030
CE3272	21	VI4Iaux2		Widen	I 495 Capital Beltway SB Auxiliary Lane	Braddock Road On Ramp	North of Hemming Ave. Underpass	1	1	4+2	5+2	2030
CE3272	22	VI4Iaux3		Widen	I 495 Capital Beltway NB Auxiliary Lane	Braddock Road On Ramp	VA 236 Off Ramp	1	1	4+2	5+2	2030
CE3272	24	VI4Iaux5		Widen	I 495 Capital Beltway NB Auxiliary Lane	VA 236 On Ramp	Gallows Road Off Ramp	1	1	4+2	5+2	2030
CE3272	25	VI4Iaux6		Widen	I 495 Capital Beltway SB Auxiliary Lane	Gallows Road On Ramp	VA 236 Off Ramp	1	1	4+2	5+2	2030
CE3272	29	VI4Iaux10		Widen	I 495 Capital Beltway NB Auxiliary Lane	US 50 On Ramp	I 66 Off Ramp	1	1	5+2	6+2	2030

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CE3272	32	VI4Iaux13		Widen	I 495 Capital Beltway SB Auxiliary Lane	VA 7 On Ramp	I 66 Off Ramp to WB	1	1	4+2	5+2	2030
CE3272	35	VI4Iaux16		Widen	I 495 Capital Beltway SB Auxiliary Lane	VA 123 On Ramp	VA 7 Off Ramp	1	1	5+2	6+2	2030
CE3272	38	VI4Iaux19		Widen	I 495 Capital Beltway NB Auxiliary Lane	VA 267 On Ramp	VA 193 Off Ramp	1	1	4+2	5+2	2030
CE3272	39	VI4Iaux20		Widen	I 495 Capital Beltway SB Auxiliary Lane	VA 193 On Ramp	VA 267 Off Ramp	1	1	4+2	5+2	2030
CE2069	999	VI4IRMP1		Construct	I-495 Express Lanes On-Ramp	Dulles Connector Road WB	I-495 Express Lanes NB	0	1	0	1	2025
CE2069	1000	part of VI4KA		Construct	I-495 Express Lanes (Shoulder Lane) – NB DIRECTION PEAK PERIODS ONLY	Dulles Connector WB On-Ramp	GW Parkway Off-Ramp	0	1	0	1	2025
CE2069	1001	VI4IRMP2		Construct	I-495 NB Exchange Ramp	Interstate Ramp	I-495 NB GP Lanes at Dulles Toll Road	0	1	0	1	2045
CE2069	1002	VI4IRMP3		Construct	I-495 SB Exchange Ramp	Interstate Ramp	I-495 SB Express Lanes at Dulles Toll Road	0	1	0	1	2045
CE2069	40	VI4K		Construct	I 495 Capital Beltway HOT Lanes	American Legion Bridge	George Washington Parkway (south of)	1	1	8	8+4	2025
CE2069	41	VI4KA		Construct	I 495 Capital Beltway HOT Lanes	George Washington Parkway (south of)	Old Dominion Drive (south of)	1	1	8	8+4	2025
CE3186	49	Part VI4IHOTa		Relocate	I 495 Capital Beltway Interchange Flyover Ramp (Phase 4)	EB Dulles Airport Access Highway to NB General Purpose	at VA 267 Dulles Toll Road	1	1	1	1	2030
CE3186	519	Part VI4IHOTa		Construct	I 495 Capital Beltway Interchange (Phase IV)	Provide SB HOT to EB HOV & EB DTR to NB HOT movements	at VA 267 Dulles Toll Road	1	1			2030
CE3186	517	Part VI4IHOTa		Widen	I 495 Capital Beltway Interchange Ramp (Phase III DTR)	Widen EB DTR ramp to 2 NB lanes	NB GP Lanes	1	1	1	2	2030
CE3186	520	VI4Irmp1		Construct	I 495 Capital Beltway Interchange Flyover Ramp (Phase 4)	I 495 Capital Beltway NB GP lanes	Dulles Airport Access Highway (DAAH) WB	0	1	0	1	2030
CE3208	50	VI4IHOTb		Construct	I 495 Capital Beltway Interchange Ramp (Phase II, Ramp 3 DAAH)	I 495 Capital Beltway SB	Dulles Airport Access Highway WB	0	1	0	1	2020
CE3680	991	VP21G		Widen	Dulles Greenway - eastbound only	Toll Plaza	Dulles Toll Road	1	1	2	3	2019
				Widen	VA 267 Dulles Toll Road - eastbound only	Dulles Greenway	Centreville Rd. off-ramp	1	1	4	5	2019
CE3152	534	VP15E		Construct	VA 267 Dulles Toll Road Ramp	New Boone Boulevard Extension at Ashgrove		0	1	0	2	2037
CE3153	535	VP15B		Construct	VA 267 Dulles Toll Road Ramp	Greensboro Drive @ Tyco Road		0	1	0	2	2036
CE1965	236	MW1	MW1	Widen	Dulles Airport Access Road	Dulles Airport	VA 123	1	1	4	6	2030
	Primary											
CE3291	549	VP1AH	90339	Widen	US 1 Richmond Highway	Fuller Road	Stafford County Line	2	2	4	6	2040

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CE2594	631	VP1AD	90339	Widen	US 1 Fraley Blvd. (Town of Dumfries)	Brady's Hill Road	VA 234 Dumfries Road	2	2	4	6	2025
CE2594	632	VP1ADA		Widen	US 1 Richmond Highway	VA 234 Dumfries Road	Cardinal Drive/Neabsco Road	2	2	4	6	2030
CE3173	84	VP1AF	104303	Widen	US 1 Richmond Highway	Featherstone Road	Mary's Way	2	2	4	6	2022
CE2161	239	VP1P	94102	Widen	US 1 Richmond Highway	Mary's Way	Annapolis Way	2	2	4	6	2019
CE2161	633	NRS	100938	Reconstruct	US 1 Richmond Highway	at VA 123 Gordon Boulevard (Interchange)						2028
CE2161	634	VSP63	100938	Construct	Belmont Bay Drive Extension	US 1 Jefferson Davis Highway	Heron's View Way			0	4	2025
CE3180	85	VP1AG		Widen	US 1 Richmond Highway	~~Annapolis Way~~ Occoquan River	~~Lorton Road~~ Pohick Road	2	2	4	6	2035
CE1942	322	VP1U		Widen	US 1 Richmond Highway	~~VA 235 North~~ Mt. Vernon Memorial Highway	~~VA 235 South~~ VA 626 Sherwood Hall Ln	2	2	4	6	~~2025~~ 2028
CE3331	653	VP2P		*Construct*	VA 7 Interchange	At VA 690		2	2	0	4	*2025*
CE1870	86	VP2JA	16006	Widen	VA 7 Bypass	VA 7 West	US 15 South King Street South	5	1	4	6	2040
CE1870	299	VP2J	16006	Widen	VA 7 Bypass	US 15 South King Street	VA7/US 15 East	5	1	4	6	2040
CE2105	221	VP2M		Widen	VA 7	Reston Avenue	~~West Approach to Bridge over Dulles Toll Road~~ Jarrett Valley Dr.	2	2	4	6	~~2025~~ 2024
CE2105	628	VP2Lb		Widen	VA 7 Leesburg Pike	VA 123 Chain Bridge Road	I 495 Capital Beltway	2	2	6	8	2030
CE3161	87	VP2N		Widen	VA 7 Leesburg Pike	I 495	I 66	2	2	4	6	2030
CE2175	347	VP2B	TBD	Widen	VA 7	Seven Corners	Bailey's Crossroads	2	2	4	6	2030
CE3701	1022	NRS		Study	VA 7 Interchange	VA 123 Dolly Madison Road						2030
CE3327	682	NRS	105584	Construct	VA 7 Overpass at	George Washington Boulevard		0	4	0	4	~~2022~~ 2024
CE2664	621	nrs	99481	Construct	VA 7 Interchange	at VA 659 Belmont Ridge Road		2	2	6	6	~~2017~~ 2020
CE3523	1023	NRS		Construct	US 15 Bypass / Battlefield Parkway Interchange			2	2	4	4	2035
CE3162	253	VP4EA		Widen	US 15 James Madison Highway	US 29 Lee Highway	Haymarket Drive	3	3	2	4	2040
CE3162		VP4EC		Widen	US 15 James Madison Highway Overpass	1200' S of RR tracks	1000' N. of RR tracks	3	3	2	4	2030

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CE3738	881	VP4G		Widen	US 15	Battlefield Parkway	Montresor Road	2	2	2	4	~~2022~~ 2026
CE2045	88	VP6H		Widen	VA 28	Fauquier County Line	VA 652 Fitzwater Drive	3	3	2	4	2040
CE2045	309	VP6kA	105198	Widen	VA 28	VA 652 Fitzwater Drive	VA 215 Vint Hill Road	3	3	2	4	2019
CE2045	326	VP6MA	96721	Widen	VA 28	Godwin Drive	Manassas City limits	3	2	4	6	2019
CE2045	89	VP6K	105428	Widen	VA 28 Nokesville Road	Manassas City Limits	VA 619 Linton Hall Road	3	3	4	6	2022
CE1734	1037	VP6EDD		Convert	VA 28 PPTA Phase II- HOV	I-66	Westfields Blvd	5	5	8+ 2 aux	6 + 2aux + 2 HOV	2040
CE1734	873	VP6EDE		Convert	VA 28 PPTA Phase II- HOV	Westfields Blvd	Dulles Toll Road	5	5	8	6 + 2 HOV	2040
CE1734	~~310~~ 791	VP6EAA		Widen	VA 28 PPTA Phase II	I 66	Westfields Blvd	5	5	6	8+ 2 aux	2021
CE1734		VP6EAB		Widen	VA 28 PPTA Phase II	Westfields	US 50	5	5	6	8	2025
CE1734		VP6EBB		Widen	VA 28 PPTA Phase II	US 50	Sterling Blvd.	5	5	6	8	2016
CE1734	310	VP6ECC	106651	Widen	VA 28 PPTA Phase II	Sterling Blvd.	VA 7	5	5	6	8	2025
CE3181	656			Study	VA 28 Manassas Bypass /VA 411	VA 234 Godwin Drive/Route 234 on the western edge of the City of Manassas	I66 proposed interchange btwn Rt234 Business & Rt28 on I-66 Proposed Interchange					Not Coded
CE3479	737	VP6N	108720	Widen	VA 28 Centreville Road	US 29	Prince William County Line	2	2	4	6	2023
CE1865	995	VP6O		Construct	VA 28 Manassas Bypass	VA 234 Sudley Road	VA 28 Centreville Road	0	5	0	4	2025
CE3383	730		105482	Study	VA 28	US 29	Liberia Avenue					Not Coded
	620	VP7s		Widen	US 29 (add NB lane)	I 66	Entrance to Conway Robinson MSF	3	2	4	5	2030

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CE1933	620	VP7s		Widen	US 29 (add NB lane)	Legato Raod	Shirley Gate/Waples Mill Rd.	3	2	4	5	~~2017~~ 2019 complete
CE1933	349	VP7AA		Widen	US 29	ECL City of Fairfax (vic. Nutley St.)	Espana Court	2	2	4	6	~~2025~~ 2040
CE1933	625	VP7AB		Widen	US 29	Espana Court	I 495 Capital Beltway	2	2	4	6	~~2025~~ 2040
CE3474	731	VP7T		Widen	US 29 Lee Highway	VA 659 Union Mill Road	Buckleys Gate Drive	2	2	4	6	2024
CE2182	319	VP8H		Widen	US 50	ECL City of Fairfax	Arlington County Line	2	2	4	6	~~2025~~ 2035
CE3739	2500			Construct	US50 North Collector Road	Tall Cedars Parkway	VA 28/ Air and Space Museum	2	2	2	4	2029
	94	NRS		Construct	US 50 Interchange	VA 606 Loudoun County Parkway		2	2	6	6	2025
	657	NRS		Construct	US 50 Interchange	West Spine/Gum Springs Road		2	2	6	6	2035
	658	NRS		Construct	US 50 Interchange	South Riding Boulevard		2	2	6	6	2035
	659	NRS		Construct	US 50 Interchange	Tall Cedars Parkway		2	2	6	6	2035
CE3603	885	NRS		Upgrade/ Intersection	Route 50 & Everfield Drive			2	2	2	2	~~2022~~ 2026
CE3694	997	VP16		Widen	VA 55	Route 29	~~Town of Haymarket~~ Fayette St.			2	4	2028
CE1723	245	VP10G	100938	Widen	VA 123	US 1	Annapolis Way	2	2	4	6	2025
CE1784	235	VP10H		Widen	VA 123 Ox Road	Hooes Rd.	Fairfax Co. Parkway	2	2	4	6	2030
CE1784	337	VP10F	1784	Widen	VA 123 Ox Road	Fairfax Co. Parkway	Burke Center Parkway	2	2	4	6	2030
CE1856	300	VP10R		Widen	VA 123	Burke Center Parkway	Braddock Road	2	2	4	6	2030
	95	VP10S		Widen	VA 123	VA 677 Old Courthouse Road	VA 7 Leesburg Pike			4	6	2030
CE3376	595	VP10T		Widen	VA 123 Chain Bridge Road	VA 7 Leesburg Pike	I 495 Capital Beltway	2	2	6	8	2030
CE3698	1016	NRS		Upgrade	VA 123	I-495 Capital Beltway	VA 267 Dulles Access Road	2	2	6	6	2030
CE3698	1015	VP10U		Widen	VA 123	VA 267 Dulles Access Road	VA 634 Great Falls Street	2	2	4	6	2030
CE3371	590	VP24B		Widen	VA 215 Vint Hill Road	Kettle Run Drive	VA 1566 Sudley Manor Drive	4	4	2	4	2020
CE3641				Widen	VA 234 Sudley Road	Grant Road	Godwin Drive	2	2	2	3	2021

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CE1897	286	VP12O	99482	Construct	VA 234 Bypass Extension North	VA 234 Bypass@I-66 (Prince Wm. Co.)	US 50 (Loudoun Co.)		5		4	2040
CE3177	678		105420/ T143	Construct	VA 234 Bypass Interchange	Balls Ford Road Relocated						2022
CE3178	660		T5665	Construct	VA 234 Bypass Interchange	Dumfries Road/Brentsville Road						~~2025~~ 2024
	739			Construct	VA 234 Byp-Prince William Parkway Interchange at	VA 840 University Boulevard						2030
CE3703		NRS		Construct	VA 234 Bypass Interchange	Clover Hill Road						2026
CE3467	727	NRS		Construct	VA 234 Prince William Parkway Interchange at	VA 1566 Sudley Manor Dr.						2030
CE1760	311	VP13A		Widen	VA 236	Pickett Road	I 395	2	2	4	6	~~2025~~ 2035
CE2106	~~264~~	~~VSF25aa~~	~~57167~~	~~Convert~~	~~VA 286 Fairfax County Parkway HOV~~	~~VA 267 Dulles Toll Road~~	~~Sunrise Valley Drive~~	~~5~~	~~5~~	~~6~~	~~4+2~~	~~2035~~
CE2106	96	VSF25ea	57167	Widen	VA 286 Fairfax County Parkway	Sunrise Valley	~~West Ox Road~~ Rugby Road	5	5	4	6	2035
CE2106	~~97~~	~~VSF25e~~	~~57167~~	~~Convert~~	~~VA 286 Fairfax County Parkway HOV~~	~~West Ox Road~~	~~US 50~~	~~5~~	~~5~~	~~6~~	~~4+2~~	~~2035~~
CE3702	1024	NRS	111725	Widen/Construct	VA 286 Fairfax County Parkway Interchange	VA 654 Pope's Head Road		2	2	4	6	~~2025~~ 2024
CE2106	~~98~~	~~VSF25y~~		~~Upgrade~~	~~VA 286 Fairfax County Parkway HOV~~	~~US 50~~	~~VA 7735 Fair Lakes Parkway~~	~~2~~	~~5~~	~~6~~	~~4+2~~	~~2035~~
CE2106	~~101~~	~~VSF25z~~		~~Widen/Upgrade~~	~~VA 286 Fairfax County Parkway HOV~~	~~VA 7735 Fair Lakes Parkway~~	~~I 66~~	~~2~~	~~5~~	~~6~~	~~6+2~~	~~2035~~
CE2106	320	VSF25g		Widen	VA 286 Fairfax County Parkway	US 29	~~Rolling Rd.~~ VA 123 Ox Road	5	5	4	6	2030
				Widen	VA 286 Fairfax County Parkway	VA 123	Sydenstricker Road	5	5	4	6	~~2030~~ 2040
CE1833	~~304~~	~~VSF26~~		~~Construct~~	~~VA 289 Franconia-Springfield Parkway HOV~~	~~VA 286 Fairfax County Parkway~~	~~VA 2677 Frontier Drive~~	~~5~~	~~5~~	~~6~~	~~6+2~~	~~2025~~
CE1833	104	NRS		Construct	VA 289 Franconia-Springfield Parkway Interchange	Neuman Street		1	1			2035
CE1833	~~105~~	~~VSF26b~~		~~Upgrade~~	~~VA 289 Franconia-Springfield Parkway HOV~~	~~VA 638 Rolling Road~~	~~VA 617 Backlick Road~~	~~5~~	~~5~~	~~6~~	~~6+2~~	~~2025~~
	408	VSP23d		Widen	VA 294 Prince William County Parkway	VA 776 Liberia Avenue	VA 642 Hoadly Road	2	2	4	6	2040

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CE3704	1028	NRS		Construct	VA 294 Prince William Parkway Intersection Improvements	VA 641 Old Bridge Road						2028
CE3705	1027	NRS		Construct	VA 294 Prince William Parkway Interchange	VA 640 Minnieville Road						2028
CE3151	106	VP15CD		Construct	Collector-Distributor Rd Westbound (parallels Dulles Toll Rd.)	Route 7 Leesburg Pike	VA 828 Wiehle Avenue	0		0	+1	~~2035~~ 2037
CE3154	107	VP15CDE		Construct	Collector-Distributor Rd Eastbound (parallels Dulles Toll Rd.)	VA 828 Wiehle Avenue	Route 7 Leesburg Pike	0		0	+1	~~2035~~ 2036
CE3154	1033	VP15CD2		Construct	Collector-Distributor Rd Westbound (parallels Dulles Toll Rd.)	Route 7 Leesburg Pike	Spring Hill Rd.			0	+2	2035
CE3151		VP15CDE2		Construct	Collector-Distributor Rd Eastbound (parallels Dulles Toll Rd.)	Spring Hill Rd.	Route 7 Leesburg Pike			0	+2	2035
	Urban											
CE2139	313	VU28B	100518	Construct	Battlefield Parkway	US 15 south of Leesburg	Dulles Greenway	0	2	0	4	2020
	52	VU30F	50100	Widen/Reconstruct	East Elden Street	Monroe Street	Fairfax County Parkway	3	2	4	6	2020
CE1783	328	VU52	77378	Widen	Eisenhower Avenue	Mill Road	Holland Lane	3	3	4	6	~~2019~~ 2023
CE3300	553	VU55	106976	Widen	Evergreen Mills Road	US 15 S. King Street	South City Limits of Leesburg	4	4	2	4	2022
CE3286	681	VU56		Construct	Farrington Aveneue	Van Dorn Street at Eisenhower Avenue	Edsall Road	0	4	0	2	~~2035~~ 2034
CE1952	267	VU10B	105521	Widen/Reconstruct	Spring Street	Herndon Parkway (East)/Spring Street	Fairfax County Parkway Interchange	3	2	4	6	~~2021~~ 2024
CE2073	232	VU33	102895	Widen	Sycolin Road	VA7/US 15 Bypass	SCL of Leesburg	4	4	2	4	~~2020~~ 2027
CE2671	382	NRS	89890/LEES0001	Construct	US 15 Bypass Interchange	At Fort Evans Road and Edwards Ferry Road		5	2	4	4	2025
CE2020	290	VU45	15960 (PE & RW Only)	Widen	VA 234 Dumfries Road Business	South Corporate Limits	Hastings Drive	3	3	2	4	2040
CE3375	594	NRS		Reconstruct	VA 234 Grant Avenue	Lee Avenue	Wellington Road	3	3	4	2	2020
CE3174	53	nrs	8645	Construct	Intersection Improvement	King Street	Beauregard Street					~~2018~~ 2025
CE3175	54	nrs		Construct	Ellipse	Seminary Road	Beauregard Street					~~2020~~ 2028
CE3166	56	NRS	104328 and	Reconstruct	Herndon Parkway (East): Transit Drop-off/Pick-Up Access to Herndon Metrorail	East of Rte 666/Van Buren Street (at 593 Herndon Parkway)	West of Rte 675 / Spring Street (at 575 Herndon Parkway	2	2	4	4	~~2018~~ 2023
	725	NRS	89889	Reconstruct	Herndon Parkway/Van Buren Street (south) intersection	Herndon Parkway/Van Buren Street (south)	Worldgate Drive/Van Buren Street (south)	2	2	4	4	2019

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CE3441	687	NRS	76408	Reconstruct	VA 17 Intersection Improvements in Warrenton	South of Frost Ave.	South of Winchester St.					2021
	Secondary											
	Arlington County											
CE2830	411	AR17a		Widen	Washington Boulevard	Wilson	Kirkwood	3	3	3	4	~~2019~~ 2022
CE3657	951	NRS		Construct	12th Street South	VA-120 (South Glebe Rd.)	South Monroe St	4	4	0	2	~~2019~~ 2024
CE3677	987	AR30		Convert to 2-way	27th Street South	US-1	Crystal Drive	4	4	4	4	2019
CE3678	988	AR31		Demolish	South Clark Street	12th Street South	20th Street South	4	0	2	0	2019
	Fairfax County											
CE1849	336	FFX2a		Widen	VA 602 Reston Pkwy.	VA 5320 Sunrise Valley Dr.	~~VA 606 Baron Cameron Avenue~~ Sunset Hills Road	3	3	4	6	~~2020~~ 2040
		FFX2c		Widen	VA 602 Reston Pkwy.	Sunset Hills Road	New Dominion Parkway	3	3	4	6	Complete
CE1849	4041	FFX2b		Widen	VA 602 Reston Pkwy.	New Dominion Parkway	VA 606 Baron Cameron Avenue	3	3	4	6	2040
CE3475	732	VSF44		Widen	VA 608 Frying Pan Road	VA 28 Sulley Road	VA 657 Centreville Road	3	3	2	4	~~2025~~ 2030
CE2186	218	VSF4ca		Widen	VA 611 Telegraph Road	Leaf Road North	VA 635 Hayfield Road	3	3	2	4	~~2025~~ 2040
CE2186	298	VSF4i		Widen	VA 611 Telegraph Road	VA 635 Hayfield Road	VA 613 (Van Dorn St.)	3	3	2	4	~~2025~~ 2040
CE2186	62	VSF4h	11012	Widen	VA 611 Telegraph Road	VA 613 S. Van Dorn	VA 644 Franconia Road	3	3	2	3	~~2025~~ 2040
CE3275	63	VSF15b		Construct	VA 613 Van Dorn Interchange	VA 644 Franconia Road		0	0	0	0	~~2025~~ 2035
CE2158	301	VSF8g		Widen	VA 620 Braddock Road	VA 286 Fairfax County Parkway	VA 123 Ox Road	3	3	4	6	~~2025~~ 2040
CE3731	2484	VSF8K		Widen	VA 620 Braddock Road	Paul VI Eastern Entrance	Loudoun County Parkway	3	3	2	4	2028
CE2206	334	VSF8j		Construct/Widen	VA 620 New Braddock Rd.	VA 28	US 29 @ VA 662 (Stone Rd.)	0/4	3	0/2	4	2025
CE3478	736	VSF45		Widen	VA 636 Hooes Road	VA 286 Fairfax County Parkway	VA 600 Silverbrook Road	3	3	2	4	2025
CE1936	302	VSF10a		Widen	VA 638 Rolling Road	~~VA 286 Fairfax County Parkway~~ Viola St.	VA 644 Old Keene Mill Road	3	3	2	4	~~2025~~ *2026*

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								Facility		Lanes		
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CE3301	586	VSF10E	102905	Widen	VA 638 Rolling Road	Rt 5297 DeLong Drive	~~Fullerton Drive~~ Virginia Dr.	3	3	2	4	~~2022~~ 2035
CE2645	377	VSF10c	16505	Widen	VA 638 Pohick Road	VA 1	I 95	3	3	2	~~4~~ 2	2025
CE1859	217	FFX11a		Widen	VA 645 Stringfellow Road	US 50	VA 286 Fairfax County Parkway	3	3	2	4	~~2030~~ 2040
	64	VSF37a		Widen	VA 650 Gallows Road	VA 7 Leesburg Pike	VA 699 Prosperity Ave.	2	2	4	6	2038
CE2833	65	VSF33a		Widen	VA 651 Guinea Road	VA 6197 Roberts Parkway	VA 4807 Pommeroy Drive	3	3	2	4	~~2025~~ 2040
CE1748	255	FFX12a		Construct	VA 651 New Guinea Road	VA 123 Ox Road	Roberts Road	0	3	0	4	~~2025~~ 2040
CE3442	688	VSF17b		Construct	VA 655 Shirley Gate Road	VA 286 Fairfax County Parkway	VA 620 Braddock Road	0	3	0	4	2030
	346	VSF18C	74749	Widen	VA 657 Centreville Road	VA 8390 Metrotech Dr.	VA 668 McLearen Road	3	3	4	6	2040
CE3150	66	NRS		Construct	Boone Boulevard Extension	VA 123 Chain Bridge Road	Ashgrove Lane			0	4	2036
CE3460	724	VSF46		Construct	VA 2677 Frontier Drive	Franconia-Springfield Transportation Center	VA 789 Loisdale Road	0	4	0	~~4~~	~~2024~~ 2030
CE3155	69	NRS		Construct	Greensboro Drive WB	Spring Hill Road	Tyco Road	0	4	0	2	2034
CE3158	68	VSF43		Widen	Magarity Road	VA 7 Leesburg Pike	VA 694 Great Falls Street			2	4	2037
CE3157	67	NRS		Construct	New Bridge/Road Crossing- bike ped only	Tysons Corner Center Ring Road	Old Meadow Road			0	0	~~2036~~ 2022
CE3609	882	VSF48		Construct	~~Rock Hill Road Overpass~~ Davis Dr. Bridge	VA 5320 (Sunrise Valley Dr.)	VA 209 (Innovation Avenue)	0	4	0	4	2030
CE3450	722	VSF49		Construct	Soapstone Drive 4-Lane Overpass	Sunrise Valley Drive	Sunset Hills Road	0	4	0	4	2027
CE3699	1017	VSF50		Construct	Town Center Parkway Underpass of Dulles Toll Road	VA 5320 Sunrise Valley Dr.	VA 675 Sunset Hills Road	0	4	0	4	2030
CE3060	442	VSF41	103907	Construct/Widen	VA 8102 Scotts Crossing Rd	VA 123 Dolly Madison Blvd	Jones Branch Dr			0/2	4	2018
CE3759	4080			Construct	Worldgate Drive Extension	Van Buren Street	Herndon Parkway	0	3	0	4	2030

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	Loudoun County											
CE3355	661	NRS		Construct	VA 606 Ramp	VA 606 Eastbound	VA 789 Lockridge Road Northbound			0	2	2020
	330	VSL1B	97529, 105064	Widen/Upgrade	VA 606/607 Old Ox Rd/Loudoun County Parkway	VA 634 Moran Rd	VA 621 Evergreen Mills Rd	4	3	2	4	2018
CE3315	566	VSL10E		Widen	VA 607 Loudoun County Parkway	US 50	VA 606 at new Arcola Blvd.	3	3	4	6	2030
	275	VSL10bb		Widen/Upgrade	VA 607 Loudoun County Parkway	W&OD Trail	Redskin Park Drive	4	3	4	6	2025
CE3736	2493	VSL10F		Widen	VA 607 Loudoun County Parkway	Shellhorn Road	Ryan Road	3	3	4	6	2022
CE3604	890	VSL2C		Widen	VA 620 Braddock Rd	VA 659	Fairfax County Line	3	3	2	4	2025
CE3605	889	VSL2D		Widen	VA 620 Braddock Rd	VA 659	Royal Hunter Drive	4	4	2	4	2025
CE3606	884	NRS		Reconstruct	VA 620 Braddock Road	Braddock Road	Summerall/Supreme	4	4	2	2	~~2020~~ 2022
CE3601	887	NRS		ReAlign Intersections	VA 621 Evergreen Mills Rd	Watson Road	Reservoir Road	3	3	2	2	~~2020~~ 2024
CE3311	578 ~~580~~	VSL62		Widen	VA 621 Evergreen Mills Road (Eastern Segment)	~~VA 607 Loudoun County Parkway~~ Northstar Bouldvard	~~VA 659 Belmont Ridge Road~~ Stone Springs Boulevard	4	4	2	4	2025
CE3312	~~578~~ 580			Construct	VA 621 Evergreen Mills Road (Western Segment)	VA 842 Arcola Boulevard	VA 659 Belmont Ridge Road	4	4	2	4	2025
CE3333	683	NRS		Construct	VA 625 Waxpool Road/ VA 607 Loudoun County Parkway ~~Interchange~~ Intersection Improvements	Loudoun County Parkway	Waxpool Road	3	3	4	4	~~2019~~ 2024
CE3443	689	VSL54	106996	Widen	VA 640 Farmwell Road	VA 1950 Smith Switch Road	VA 641 Ashburn Road	4	4	4	6	~~2020~~ 2022
CE2209	335	VSL45	VSL45	Widen	VA 643	Leesburg Town Limits	Crosstrails Boulevard	3	3	2	4	2035
CE3502	827	VSL65		Construct	VA 643 Shellhorn Extended	VA 606 Loudoun County Parkway	VA 634 Moran Road	0	4	0	4	~~2020~~ 2023
CE3499	825	VSL64		Construct	VA 645 Westwind ~~Blvd~~ Drive Extended	VA 607 Loudoun County Parkway	VA 606 Old Ox Rd.	0	4	0	4	~~2020~~ 2026
CE3734	2489	VSL68		Widen	VA 645 Croson Ln.	Clairborn Parkway	Old Ryan Road			2	4	2027
CE1897	72	VSL4ac	76244 & 99481	Widen	VA 659 Belmont Ridge Road	VA 7 Leesburg Pike	VA 267 Dulles Greenway	4	3	2	4	2018
CE1897	746	VSL4AD		Widen/Upgrade	VA 659 Belmont Ridge Road	VA 645 Croson Lane	VA 267 Dulles Greenway	4	3	2	4	~~2025~~ 2023

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CE1897	2523	VSL4G		Widen	VA 659 Belmont Ridge Road	Arcola Mills Drive	Shreveport Drive			2	4	2028
CE1818	297	VSL4f		Widen	VA 659 Gum Spring Rd.	Prince William County Line	VA 620 Braddock Road	4	4	2	4	2035
CE3306 CE3307	573 574 575	VSL61		Construct	VA 842 Arcola Boulevard (Southern Segment)	US 50	VA 607 Loudoun County Parkway	0	4	0	4	2022
CE3067	76	VSL40F	102858	Construct	VA 901 Clairborne Parkway	VA 645 Croson Lane	VA 772 Ryan Road	0	4	0	4	2019
CE3309	576	VSL63		Construct	VA 774 Creighton Road (completion of eastern end)	~~VA 659 Belmont Ridge Road~~ Northstar Bouldvard	VA 621 Evergreen Mills Road	0	4	0	4	~~2025~~ 2020
CE3323	641	VSL58		Construct	Ashburn Silver Line Station Connector Bridge	VA 267 Dulles Greenway	Ashburn Silver Line Station	4	4	0	4	2019
CE3734	883	VSL66		Widen	Croson Ln	Clairborn	Mooreview Pkwy	4	4	2	4	2025
	577	VSL56		Construct	Crosstrail Boulevard	VA 625 Sycolin Road	Kincaid Boulevard	0	4	0	4	2019 Complete
CE3735	2491	VSL56A		Construct	Crosstrail Boulevard	VA 625 Sycolin Road	Dulles Greenway	0	4	0	4	2026
	662	NRS	69870	Construct	VA 868 Davis Drive	VA 606 Old Ox Road	VA 846 Sterling Boulevard	0	4	0	4	2025
CE3313 & CE3314	564 & 565	VSL67A		Construct	Dulles West Blvd. Phase I & Phase II	~~Dulles Landing Drive~~ ~~VA 607~~ Loudon County Parkway	Arcola Blvd	0	4	0	4	**2022**
CE2582	1031	VSL67B		Construct	Dulles West Blvd. Phase III	Arcola Blvd	Northstar Dr.	0	4	0	4	**2025**
	888	NRS		Reconstruct	Elk Lick Rd Intersections	US 50	Tall CedarsPkwy	4	4	2	2	2020
CE3602	886	NRS		Construct	Moorefield Boulevard	Mooreview Parkway	Moorefield Station	0	4	0	3	2020
CE3316	568	VSL57		Construct	VA 2298 Mooreview Parkway (Missing Link)	VA 2773 Amberleigh Farm Drive	VA 772 Old Ryan Road	0	4	0	4	2019

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2022 Update to VISUALIZE 2045 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

DRAFT 4/01/2021

PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Facility Fr	Facility To	Lanes Fr	Lanes To	Completion Date
CE3318	570	VP12R	106994	Construct	VA 3171 Northstar Boulevard (Missing Link #79)	Shreveport Drive	US 50	0	3	0	4	2022
CE3737	2495	VP12S		Construct	VA 3171 Northstar Boulevard	Tall Cedars Parkway	Braddock Road	0	3	0	4	2028
CE3320	572	VSL59		Construct	VA 1071 Prentice Drive (Western Segment)	VA 607 Loudoun County Parkway	Loudoun Station Drive	0	4	0	4	~~2019~~ 2026
CE3321	556	VSL59		Construct	VA 1071 Prentice Drive Eastern Segment	VA 789 Lockridge Road	VA 607 Loudoun County Parkway	0	4	0	4	~~2019~~ 2026
CE3501	826	VSL48B		Construct	VA 2401 RIverside Parkway	VA 607 Loudoun County Parkway	VA 2020 Ashburn Village Boulevard Extension	0	4	0	4	~~2018~~ 2022
CE3324	559	VSL49B		Construct	VA 1061 Russell Branch Parkway (Western Segment)	VA 659 Belmont Ridge Road	Tournament Parkway	0	4	0	4	~~2017~~ 2024
CE3326	563	VSL55A		Construct	Shreveport Drive (Western Segment)	VA 621 Evergreen Mills Road	VA 659 Belmont Ridge Road	0	4	0	4	2025
CE3329	562	VSL60	105783	Construct	VA 846 Sterling Boulevard Extension	VA 1036 Pacific Boulevard	VA 634 Moran Road	0	4	0	4	2025
CE3332	555		87106	Widen	VA 2119 Waxpool Road	VA 2070 Demott Road	VA 2020 Ashburn Village Boulevard	4	4	2	4	2018
	Prince William County											
CE3187	82	VSP2i	92999	Widen	VA 619 Fuller Road	US 1	VA 619 Fuller Heights Road Relocated			2	4	2025
CE3693	996	VSP3D		Widen	VA 621 Devlin Road	Linton Hall Road	Wellington Road			2	4	2028
CE2357	79	VSP3b	80347	Widen/Upgrade	VA 621 Balls Ford Road	Sudley Rd	Doane Drive	4	3	2	4	2022
CE2357	690	VSP64			VA 621 Balls Ford Road Relocated	Doane Drive	Devlin Road	0	3	0	4	2022
CE3372	591	VSP66		Construct	VA 627 Van Buren Road	VA 234 Dumfries Road	VA 610 Cardinal Drive	0	4	0	4	2040
CE3374	593	VSP65		Widen	VA 638 Neabsco Mills Road	US 1 Jefferson Davis Highway	~~S~~moke Ct.			2	4	2023
	376	VSP5e	103484	Widen	VA 640 Minnieville Road	VA 643 Spriggs Road	VA 234 Dumfries Road	3	3	2	4	2018
CE3695	998	VSP17C		Widen	VA 674 Wellington Road	University Boulevard	VA 621 Devlin Road/Balls Ford Road	3	3	2	4	2028

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2022 Update to VISUALIZE 2045 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

DRAFT 4/01/2021

PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Facility Fr	Facility To	Lanes Fr	Lanes To	Completion Date
CE2145	646 581	VSP17ba		Widen	VA 674 Wellington Road	VA 621 Devlin Road/Balls Ford Road	VA 234 Prince William Parkway Bypass	3	3	2	4	2025
CE2145	338 589	VSP17b		Widen	VA 674 Wellington Road	VA 234 Bypass Prince William Parkway	VA 668 Rixlew Lane	3	3	2	4	2035
CE1754	308	VSP18	VSP18	Widen	VA 676 Catharpin Rd.	VA 55 John Marshall Highway	Heathcote Blvd.	3	3	2	4	~~2040~~ 2020
CE3753	4600			Construct	Annapolis Way Extension	VA 123 Commuter Lot Entrance	Current termini west of Marina Way			0	2	2028
CE3754	3520			Study	HOV lanes on Dale Blvd/PW Pkwy/Minnieville Rd	Dale Blvd / PW Pkwy / Minnieville Rd						not coded
CE3756	3580			Construct	Horner Road	VA 123 Gordon Blvd	Annapolis Way	0	4	0	2	2030
CE2876	4123			Widen	Liberia Avenue	VA 28	Richmond Avenue			4	6	2025
CE1985	401	NRS		Construct	McGraws Corner Dr. / Thoroughfare Rd.	US 29 Lee Highway @ Virginia Oaks Dr.	US 15 @ Thoroughfare Dr.	0	4	0	4	2040
CE1921	219	VSP25b	104802	Widen	VA 1781 New Telegraph Road/Summit School Road	Horner Road/Park'n'Ride Lot Access	VA 2190 Summit School Road Extension	4	4	2	4	2025
CE3480	745	NRS		Construct	VA 234 Potomac Shores Parkway	US 1 Jefferson Davis Highway	VA 4700 River Heritage Boulevard	0	4	0	4	2020
CE2008	325	VSP20C	VSP20c	Widen/Upgrade	VA 1392 Rippon Boulevard Extension	West of Wigeon Way	Rippon VRE Station	4	3	2	4	~~2040~~ 2030
CE3482	743	NRS		Widen	VA 4700 River Heritage Boulevard	VA 234 Potomac Shores Parkway	Dominica Drive	4	4	2	4	2020
CE3481	744	NRS		Construct	VA 4700 River Heritage Boulevard	Dominica Drive	VA 234 Potomac Shores Parkway	0	4	0	2	2020
CE3293	642	VSP62a		Construct	Rollins Ford Road	Wellington Road	Linton Hall Road	0	3	0	4	2040
	643	VSP67	104802	Construct	VA 2190 Summit School Road Extension	Telegraph Road	VA 2190 Summit School Road (south end of existing)	4	4	2	4	2025
CE1837	257	VSP25c		Widen	VA 1781 Telegraph Rd.	VA 294 (Prince William Pkwy)	~~VA 849 (Caton Hill Rd.)~~ Horner Road Park-n-Ride Lot Access	4	4	2	4	2025
CE3755	3560			Construct	Thorough Blvd.	VA 640 Minnieville Road	Elm Farm Road			0	2	2030
	83	VSP47e		Construct	University Boulevard	Sudley Manor Drive	Wellington Rd/Progress Ct.	0	3	0	4	2035
CE2176	904			Construct	Williamson Blvd	Sudley Manor Drive	Portsmouth Road			0	4	2030
	FAMPO											
		VI2RFA		Construct/revise operations	I-95 :HOV/Bus/HOT Lanes- single reversible lane	north of Garrisonville Road (south of Aquia Creek) at flyover	south of Garrisonville Road	1	1	0	1	2018
		VI2RFB		Construct	I 95 : HOV / Bus / HOT Lanes: Southbound Ramp	South of Garrisonville Road	SB HOT Lanes to SB GP Lanes	1	1	0	1	2018
		VI2RFC		Construct	I 95 : HOV / Bus / HOT Lanes: Northbound Ramp	South of Garrisonville Road	NB GP Lanes to NB HOT Lanes	1	1	0	1	2018
		VI2rf		Construct	I 95 : HOV / Bus / HOT Lanes	Rte. 610 (Garrisonville Rd.) in Stafford County	VA 17 Warrenton Rd. (exit 133)	1	1	0	2	2022
				Study	I 95 : HOV / Bus / HOT Lanes	VA 17 Warrenton Road (exit 133)	VA 17 in Spotsylvania County (exit 126)	1	1	0	2	not coded
				Construct	I 95 : HOV / Bus / HOT Lanes: Ramp	South of Telegraph Road (North of Aquia Creek)	SB GP Lanes to SB HOT Lanes	1	1	0	1	2022

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2022 Update to VISUALIZE 2045 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

DRAFT 4/01/2021

								Facility		Lanes		
PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Fr	To	Fr	To	Completion Date
				Construct	I 95 : HOV / Bus / HOT Lanes: Ramp	South of Telegraph Road (North of Aquia Creek)	NB HOT Lanes to NB GP Lanes	1	1	0	1	2022
				Construct	I 95 : HOV / Bus / HOT Lanes: Ramp	North of Garrisonville Road (south of Aquia Creek)	NB GP Lanes to NB HOT Lanes	1	1	0	1	2022
		VI2RFD		Construct	I 95 : HOV / Bus / HOT Lanes: Ramp	At Courthouse Rd.	NB AM on-ramp	1	1	0	1	2022
		VI2RFE		Construct	I 95 : HOV / Bus / HOT Lanes: Ramp	at Courthouse Rd.	SB PM off-ramp	1	1	0	1	2022
		FAI1F		Widen	I-95 northbound	Exit 126 (US 1/VA17)	Exit 130 (VA 3 Plank Rd.)	1	1	3	4	2035
		FAI1G		Construct	I-95 northbound 3 lane collector distributor road	Exit 130 (VA 3 Plank Rd.)	Exit 133 (VA 17 Warrenton Rd.)	1	1	3	6	2025
		FAI1H		Widen	I-95 northbound	Exit 133 (VA 17 Warrenton Rd.)	Exit 136 (Centerport Parkway)	1	1	3	4	2045
		FAI1HA		Construct	I-95 4th auxiliary lane	Exit 133 (VA 17 Warrenton Rd.)	Exit 136 (Centerport Parkway)	1	1	X	X+1	2045
		FAI1J		Widen	I-95 southbound	Exit 130	Exit 126 (US 1/VA17)	1	1	3	4	2035
		FAI1K		Construct	I-95 southbound	1.3 miles south of Exit 130	.3 miles north of Truslow Rd	1	1	x	x+3cd	2025
		FAS22A		Widen	VA-3 (William St)	Gateway Blvd.	William St./Blue Gray Parkway			4	6	2030
		FAS22		Widen	VA 3 (Spotsylvania)	Chewing Lane	VA 627 (Gordon Rd.)	2	2	4	6	2013
		FAP6E		Widen	Tidewater Trail US 17 Business/VA 2	Beulah Salisburty Dr.	US 17 Bypass (Mills Dr.)	2	2	2	4	2035
		FAP6		Widen	US 17	US 1	Hospital Blvd.	2	2		4	2025
		FAP6C		Widen	US 17 (Warrenton Rd.)	McLane Drive	Stafford Lakes Parkway	2	2	4	6	2020
		FAP7A		Widen	VA 218 (Butler Rd.)	Carter St.	Castle Rock Dr.	4	4	2	4	2045
	Fredericksburg											
				Construct	Carl D. Silver Pkwy Ext.	current terminus	Gordon Shelton Blvd.			0	4	2035
		FAU1			Fall Hill Ave./ Mary Washington Blvd. Extension	Mary Wash. Blvd.	Gordon Shelton Blvd.			2	4	2020
					Lafayette Blvd.	City Limit	VA-3 (Blue & Gray Parkway)				4	2045
		FAU2			Gateway Blvd. Extended	William St. (PR-3)	Fall Hill Ave (UR-3965)			0	4	2035
	Stafford County Secondary											
		NRS			VA 610	Shenandoah Ln	Oriville Rd				6	2021
		FAS5b			VA 630 (Courthouse Rd)	Austin Ridge Dr.	VA 648 (Shelton Shop Rd)	4	4	2	4	2035
		FAS13			VA 648 (Shelton Shop Rd.)	VA 610 (Garrisonville Rd)	VA 627 (Mountainview Rd)	4	4	2	4	2035
		FAS3E		Widen	Garrisonville Rd.	Eustace Rd.	Shelton Shop Rd.			4	6	2045
	Spotsylvania County Secondary											
		FAS26A			VA 606	US 1	I-95				4	2025
		FAS18B			VA-620 (Harrison Rd.)	US-1 BUS (Lafayette Blvd.)	VA-639 (Salem Church Rd.)			2	4	2035
		FAS19			VA 636 (Mine Rd./ Hood Dr.)	VA 208 (Courthouse Rd.)	US 1	4	4	2	4	2025
		FAS19B			VA 636 (Mine Rd./ Hood Dr.)	Falcon Dr. / Spotsylvania Ave	Landsdowne Rd	4	4		4	2035

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National Capital Region
Transportation Planning Board

April 2, 2021

AIR QUALITY CONFORMITY ANALYSIS: 2022 UPDATE TO VISUALIZE 2045 & FY 2023-2026 TIP

DRAFT SCOPE OF WORK

I. INTRODUCTION

The list of projects solicited for the 2022 Update to the Visualize 2045 Long-Range, Transportation Plan (LRTP) and FY 2023-2026 Transportation Improvement Program (TIP) is scheduled to be finalized at the June 16, 2021 meeting of the National Capital Region Transportation Planning Board (TPB). This work effort addresses requirements associated with attainment of the ozone National Ambient Air Quality Standards (NAAQS). Volatile organic compounds (VOC) and nitrogen oxides (NOx) are 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, and (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 guidance. These regulations specify both technical criteria and consultation procedures to follow in performing the assessment.

This scope of work provides a context in which to perform the conformity analyses and presents an outline of the work tasks required to address all regulations currently applicable.

II. FEDERAL REQUIREMENTS

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

1. Are consistent with most recent estimates of mobile source emissions budgets
2. Provide expeditious implementation of Transportation Control Measures (TCMs)
3. 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, PM10 and PM2.5 hot spots
§93.117	PM10 and PM2.5 Control Measures
§93.118 and/or §93.119	Emissions Budget and/or Interim Emissions

§ 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, PM10, and PM2.5 violations (hot spots) -The FHWA/FTA project must not cause or contribute to any new localized CO, PM10, and/or PM2.5 violations or increase the frequency or severity of any existing CO, PM10, and /or PM2.5 violations in CO, PM10, and PM2.5 nonattainment and maintenance areas.

§93.117 Criteria and procedures: Compliance with PM10 and PM2.5 control measures -The FHWA/FTA project must comply with PM10 and PM2.5 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 mobile emissions budgets in the 2008 Ozone NAAQS[1] Maintenance Plan. In August 2018 EPA found these budgets adequate for use in conformity analyses, and the budgets were used in the 2020 Amendment to Visualize 2045 conformity analysis. The 2008 Ozone NAAQS Maintenance Plan includes mobile emissions budgets for 2014 (attainment year), 2025 (intermediate year), and 2030 (out year). The 2014 budgets will be used for any analysis year between 2014 and 2024, the 2025 budgets will be used for any analysis year between 2025 and 2029, and the 2030 budgets will be used for any analysis year beyond 2029.

[1] The region did not develop mobile emissions budgets for the 2015 ozone NAAQS when the region was designated as "marginal" non-attainment because marginal non-attainment areas are not required to develop mobile emissions budgets. Therefor the current mobile emissions budgets are from the 2008 Ozone NAAQS Maintenance Plan.

III. POLICY AND TECHNICAL APPROACH

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

Pollutants	Ozone Season VOC and NOx
Emissions Model	MOVES2014b
Conformity Test	Budget Test: Using mobile emissions budgets most recently approved by EPA: 2008 Ozone NAAQS Maintenance Plan mobile budgets found adequate by EPA in August 2018.
Vehicle Fleet Data	July 2020 (DC)[2] and December 2020 (MD & VA) vehicle registration data
Geography	8-hour ozone non-attainment area
Network Inputs	Regionally significant projects
Land Activity	Cooperative Forecasts Round 9.2
HOV/HOT	VA: I-95, I-395, and I-495 are all HOT3+; I-66 inside the Beltway will convert from HOT2+ to HOT3+ when I-66 outside the Beltway opens as HOT3+; the Dulles Toll Road will convert from HOV2+ to HOV3+ in 2023; all other HOV facilities will be HOV2+ through 2045 MD: HOV facility on US 50 will remain HOV2+ through 2045; HOV facility on I-270 will convert from HOV2+ to HOT3+ when an additional HOT lane is added; planned additional Capital Beltway express toll lanes will be HOT3+ when added
Roadway Restrictions	Roadway restrictions, such as truck prohibitions, are reflected in the travel model network using information supplied by the Departments of Transportation
Transit Constraint	NO Metrorail "capacity constraint" (removed with March 2018 passage of annual funding for WMATA agreement)
Analysis Years	2021 or 2024[3], 2025, 2030, 2040, and 2045
Modeled Area	6,800 square mile area with 3,722 Transportation Analysis Zones (TAZs)
Travel Demand Model	Gen2/Version 2.4 or latest

[2] Due to the backlogs in processing new District of Columbia vehicle registrations resulting from COVID-related restrictions, the District of Columbia Department of Energy and Environment (DOEE) staff estimate that the July 2020 dataset is more representative of the number of registered vehicles in December 2020 than the December 2020 dataset.

[3] Staff will analyze the region's attainment date for the 2015 Ozone Standard. It is currently 2021 but may be changed to 2024 if the region's non-attainment designation is changed from "marginal" to "moderate".

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 air quality conformity analysis are as follows:

1. Receive project inputs from programming agencies and organize into conformity documentation listings by:
   - Project type, limits, etc.
   - Phasing with respect to forecast years
   - Transit operating parameters, e.g., schedules, service

2. Update Travel Model Base Transit Service to reflect:
   - Service current to December 2019 (most recent available transit service prior to COVID restrictions)
   - Fares current to March 1, 2021

3. Determine Characteristics of the Motor Vehicle Fleet by Preparing 2020 Vehicle Registration/Vehicle Identification Number (VIN) Data
   - Purchase VIN decoding software
   - Set up and test VIN decoding software
   - Collect and decode VIN data for the District, Maryland, and Virginia

4. Review and Update Land Activity files to reflect Round 9.2 Cooperative Forecasts:
   - Develop zonal data files
   - Ensure consistent definition of employment throughout the modeled area by applying the “employment definition adjustment factors” to the land activity forecasts.
   - Estimate households by auto ownership, size and household income (done as part of the travel model)
   - Coordinate with agencies outside the MWCOG Cooperative Forecast area, e.g., the Baltimore Metropolitan Council (BMC), the Fredericksburg Area Metropolitan Planning Organization (FAMPO), and the Calvert-St. Mary's Metropolitan Planning Organization (C-SMMPO).

- Develop trip tables for exogenous/residual travel: 1) through vehicle trips; 2) external-to-internal and internal-to-external vehicle trip ends; 3) taxi, visitor/tourist and school vehicle trips; and 4) airport-passenger auto-driver trips.

5. Prepare forecast-year highway and transit networks including regionally significant projects, as follows:
   - 2021 (or 2024), 2025, 2030, 2040, and 2045 highway networks
   - 2021 (or 2024), 2025, 2030, 2040, and 2045 transit network input files
   - Update highway tolls and transit fares as necessary

6. Execute travel demand modeling for years 2021 (or 2024), 2025, 2030, 2040, and 2045

7. Derive mobile emissions estimates for years 2021 (or 2024), 2025, 2030, 2040, and 2045 using inputs from the 2008 Ozone NAAQS Maintenance Plan mobile budgets

8. Summarize key inputs and outputs (VMT, mode share, emissions, etc.) of the conformity determination

9. Assess conformity and document results in a report

   - Document methods
   - Draft conformity report
   - Forward to technical and 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

Plan and TIP Update Schedule

2020	12/16/20	The TPB will be asked to approve the Technical Input Solicitation document to initiate the Call for Projects.
2021	2/12/21	Project inputs for the LRTP and Air Quality Conformity (AQC) analysis due to TPB staff.
	3/5/21, 4/2/21	The TPB Technical Committee will review the conformity project inputs table in March and the draft inputs to the Plan and the draft AQC scope of work in April.
	4/2/21-5/3/21	Public comment period on inputs to the Plan/AQC analysis, and AQC scope of work. MWAQC TAC will review this information during the April meeting.
	4/21/2021	TPB will receive a briefing on the draft inputs to the Plan/AQC analysis and the draft AQC scope of work.
	5/19/21	The TPB will receive a summary of the public comments on the draft inputs to the Plan and AQC analysis. The TPB and the agencies sponsoring the projects will have the opportunity to discuss and advise staff on responses.
	6/16/21	The TPB will review responses to comments and updates to inputs to the Plan and scope of work for the AQC analysis. The TPB will be asked to approve the inputs and scope, authorizing staff to begin analysis.
2022	3/11/22	Transportation Improvement Program (TIP) inputs due for the FY 2023-2026 TIP
	4/1/22	The TPB Technical Committee will review the draft results of AQC analysis for the updated Plan and FY 2023-2026 TIP.
	4/1/22 - 5/1/22	Public comment period on the results of AQC analysis Determination for the updated Plan and FY 2023-2026 TIP.
	4/2022	MWAQC and MWAQC TAC will review the draft results of the AQC analysis during their meetings.
	4/20/22	The TPB will review the draft Plan, draft TIP, and AQC analysis and Determination.
	5/18/22	The TPB will review the draft results of the AQC analysis for the Plan and FY 2023-2026 TIP. The TPB will also receive a summary of the comments received on the analysis. The TPB and the agencies sponsoring the projects will have the opportunity to discuss and advise staff on responses to comments.
	6/15/22	The TPB will review the responses to the comments and the results of the AQC analysis. The TPB will be asked to approve the results of the AQC analysis and adopt the updated Plan and the FY 2023-2026 TIP.