

**ITEM 8 – Action**  
**May 15, 2024**

Visualize 2050: Approval of the Scope of Work for the Air Quality  
Conformity Analysis of the Visualize 2050  
National Capital Region Transportation Plan and the  
FY 2026-2029 Transportation Improvement Program (TIP),  
Which Includes Projects Submitted for Analysis

**Action:** Adopt Resolution R12-2024 to approve the scope of work for the Air Quality Conformity Analysis of Visualize 2050 and the FY 2026-2029 TIP, including the list of project submissions for analysis.

**Background:** Item 8A: Approval of the Scope of Work for the Air Quality Conformity Analysis of the Visualize 2050 National Capital Region Transportation Plan and the FY 2026-2029 Transportation Improvement Program (TIP), which includes projects submitted for analysis.

**UPDATE AS OF 5-14-24:**

**There has been new language for the resolution proposed as highlighted in yellow in the resolution packet. Attachment 1 (MDOT letter) has been added and a new Attachment 2 (VDOT letter) is also included; original attachments 2-4 are renumbered 3-5.**

Following the TPB approved Visualize 2050 development schedule, the TPB this month is asked to take the first of two key actions. The first is the Board will vote this month on the approval of the air quality conformity analysis scope of work including regionally significant projects to proceed with the required federal air quality conformity analysis. Over the last 17 months, these projects underwent a thorough review by the TPB member agencies (sponsor agency) assisted by TPB staff, two public comment periods, and

several TPB meetings/work sessions. TPB member agencies have proposed these projects for inclusion in Visualize 2050 because of their anticipated value towards achieving the National Capital Region's desired future transportation system.

The second Board action is adoption of Visualize 2050 Plan and FY 2026-2029 TIP, upon completion of the air quality conformity and system performance analysis, and is scheduled for June 2025 including all the remaining project inputs that are not part of the air quality conformity analysis.

Item 8B: Supplemental Information to Support Board Action on Resolution R12-2024

**UPDATE AS OF 5-14-24:** The MDOT letter from May 14, 2024 has been included.

Staff reviews information on letters received from agencies, edits made to the Air Quality Conformity Inputs Table since the April 17, 2024 TPB meeting and other information to support Board action on Resolution R12-2024 in Item 8A.

## ATTACHMENTS

- Item 8A – **Updated on 5-14-24 - Attachment 1 (MDOT letter) has been added and a new Attachment 2 (VDOT letter) is also included with new language highlighted in yellow; original attachments 2-4 are now 3-5.** Visualize 2050 and FY 2026-2029 TIP Air Quality Conformity Analysis Scope of Work Approval Package
- Item 8B – **Updated on 5-14-24 to include the MDOT letter** Visualize 2050 and FY 2026-2029 TIP Supplemental Information
- Item 8 – Visualize 2050 Air Quality Conformity Scope of Work Approval Presentation

**NATIONAL CAPITAL REGION TRANSPORTATION PLANNING BOARD**  
777 North Capitol Street, N.E.  
Washington, D.C. 20002

**RESOLUTION ON INCLUSION OF PROJECT SUBMISSIONS IN THE  
AIR QUALITY CONFORMITY ANALYSIS FOR THE  
VISUALIZE 2050 NATIONAL CAPITAL REGION TRANSPORTATION PLAN AND THE  
FY 2026-2029 TRANSPORTATION IMPROVEMENT PROGRAM (TIP)**

**WHEREAS**, the National Capital Region Transportation Planning Board (TPB), as the federally designated metropolitan planning organization (MPO) for the Washington region, has the responsibility under the provisions of the Fixing America's Surface Transportation (FAST) Act, reauthorized November 15, 2021 when the Infrastructure Investment and Jobs Act (IIJA) was signed into law, for developing and carrying out a continuing, cooperative and comprehensive transportation planning process for the metropolitan area; and

**WHEREAS**, the federal metropolitan planning regulations (23 CFR.450) assign TPB the responsibility to cooperatively develop the metropolitan transportation plan (MTP) and transportation improvement program (TIP) specified in Sections 450.324 and 450.326; and

**WHEREAS**, the TIP is required by the Federal Transit Administration (FTA) and the Federal Highway Administration (FHWA) as a basis and condition for all federal funding assistance to state, local and regional agencies for transportation improvements within the metropolitan Washington, D.C. planning area; and

**WHEREAS**, the Statewide and Metropolitan Transportation Planning rule as published in the May 27, 2016, Federal Register by the FTA and FHWA requires that the MTP and the TIP be reviewed and updated at least every four years; and

**WHEREAS**, federal conformity regulations, originally published by the Environmental Protection Agency in the November 24, 1993, Federal Register and with latest amendments published in April 2012, based on the federal Clean Air Act (CAA Section 176(c)), require that the metropolitan transportation plan, program and projects in metropolitan areas not in attainment of national ambient air quality standards, demonstrate conformity to the area's state implementation plan; and

**WHEREAS**, federal conformity regulations require that the conformity analysis of the plan, program and projects be reviewed and updated at least every four years; and

**WHEREAS**, on June 15, 2022, the TPB adopted resolution R16-2022 determining that the 2022 Update to Visualize 2045 Plan and FY 2023-2026 TIP conform with the requirements of the Clean Air Act Amendments of 1990, resolution R15-2022 approving the 2022 Update to Visualize 2045 Plan and approving the FY 2023-2026 TIP, and

**WHEREAS**, the 2022 Update to Visualize 2045 Plan and FY 2023-2026 TIP were approved by the FTA and FHWA on August 25, 2022; and

**WHEREAS**, TPB's resolution R19-2021 called for updating Visualize 2045 using a "zero-based budgeting" approach to update projects in the MTP that would have the TPB member agencies re-examine all of the projects in Visualize 2045 and resubmit an updated mix of projects in order to better achieve the region's goals, while providing for projects under construction or funded to be exempt from the above requirement; and

**WHEREAS**, the TPB issued the Visualize 2050 and FY 2026-2029 Technical Inputs Solicitation Submission Guide on February 15, 2023, asking the TPB member agencies to review the Visualize 2045 re-submit projects, and on April 19, 2023, approved an updated schedule providing additional time for projects input and moving final plan approval to June 2025; and

**WHEREAS**, following the direction from TPB's resolution R19-2021, as part of the Visualize 2050 Technical Inputs Solicitation, TPB and agency staffs conducted a process to re-examine the current Visualize 2045 capacity-related project list, where such improvements are significant for consideration in the air quality conformity analysis, and resubmit an updated mix of projects supported by updated revenue and expenditure estimates for new capital projects through 2050; and

**WHEREAS**, TPB staff launched an open period for public input on projects that would be submitted for Visualize 2050 between February 15 through November 30, 2023, sharing the feedback monthly with the TPB and TPB Technical Committee; and

**WHEREAS**, in March 2023, TPB staff hosted three virtual facilitated listening sessions, for the staff of its member agencies during which the Transportation agencies presented their processes for re-examining the projects in the current transportation plan and developing new projects proposed for inclusion while also hearing from the TPB members about the types of projects the TPB would like to see proposed to be included in Visualize 2050; and

**WHEREAS**, on March 1, 2024, the scope of work for the air quality conformity analysis of the Visualize 2050 National Capital Region Transportation Plan and the FY 2026-2029 Transportation Improvement Program (TIP), which includes projects submitted for air quality conformity analysis were released for a 30-day public comment period and inter-agency review; and

**WHEREAS**, the submitted inputs for the update to the Visualize 2050 Plan and the FY 2026-2029 TIP and the Air Quality Conformity Analysis Scope of Work have been reviewed by the Technical Committee at its meetings on October 6, November 3, 2023, February 2, March 1, April 5, and May 3, 2024; and

**WHEREAS**, the TPB was briefed on the submissions for the Visualize 2050 Plan and the FY 2026-2029 TIP at its November 15, December 20, 2023, March 21, and April 17, 2024 meetings and a board work session was conducted on March 21, 2024 to provide a facilitated review of those inputs; and

**WHEREAS**, the project submissions for the Visualize 2050 Plan and the FY 2026-2029 TIP have been developed to meet the financial constraint requirements in the Metropolitan Planning Rules and show the consistency of the proposed projects with already available and projected sources of transportation revenues; and

**WHEREAS**, in response to comments and questions on its HOT lanes project submittal, MDOT has stated its position on a segment of this project, proposed withdrawing a proposed study of HOT lanes on Maryland's portion of the I-495 Capital Beltway east of the I-270 connection and restated its commitment and current plans for supporting transit in the I-270 corridor as noted in the letter, Attachment 1; and

**WHEREAS**, MDOT notes the facility and financial commitments it previously made related to transit projects in Montgomery County associated with the inclusion of the replacement of the American Legion Bridge and widening of I-495 and I-270 in Visualize 2045 considering a certain scope, phasing and project delivery methodology, as reflected in TPB Resolutions R2-2022 and R15-2022; and

**WHEREAS**, MDOT and Montgomery County recognize that the scope, phasing and project delivery methodology for the replacement of the American Legion Bridge and widening of I-495 and I-270 projects have changed, and the transit commitments contained in Resolution R2-2022 should be revised for consistency with MDOT's current I-495 and I-270 widening project phasing and the status of Montgomery County's transit projects; and

**WHEREAS**, members of the Board had expressed concerns regarding the preservation of space on the Woodrow Wilson Memorial Bridge (WWMB) for future rail transit as envisioned in the Record of Decision issued for the WWMB National Environmental Policy Act (NEPA) study completed in 2000 and had sought clarification on how the project would be developed and executed especially through a public private partnership; and

**WHEREAS**, VDOT has provided a letter, Attachment 2, stating VDOT is fully supportive of future rail transit over the WWMB and as such is continuing to pursue rail preservation by advancing alternatives that can be pursued in the near term while including flexibility for the long term, the concepts under NEPA review incorporate rail preservation either through retaining existing, unoccupied space or by incorporating a commitment to convert necessary space to rail transit in the future and that terms within any future contract or concessionaire agreement would similarly incorporate a requirement for conversion to rail transit in the future; and

**WHEREAS**, VDOT further notes in its letter, Attachment 2, regarding transit investments, that should the project proceed to procurement through a concessionaire agreement it intends to continue the practice of the Commonwealth to incorporate on-going transit payments from express lane projects in Northern Virginia to enhance multimodal options in the respective corridor.

**NOW, THEREFORE, BE IT RESOLVED THAT:** the National Capital Region Transportation Planning Board approves:

1. The Air Quality Conformity Analysis Scope of Work including the Round 10.0 Cooperative Forecasts of employment, population and households developed by COG's Planning Director's Technical Advisory Committee, as described in Attachment 3; and
2. The project submissions of the TPB member agencies, listed in the tables in Attachment 4, for use in the Air Quality Conformity Analysis of the proposed FY 2026-2029 TIP and Visualize 2050 Plan; and

**NOW, THEREFORE, BE IT FURTHER RESOLVED THAT:**

1. MDOT agrees to continue the transit commitments as stated in TPB Resolutions R2-2022 and R15-2022 in Attachment 5 until such time they are revised and agreed to by both MDOT and Montgomery County; and
2. Prior to TPB action approving Visualize 2050 and the FY 2026-2029 Transportation Improvement Program, MDOT and Montgomery County will establish an agreement for the nature and timing of transit commitments that is consistent with MDOT's revised scope, phasing, and project delivery methodology for the American Legion Bridge and the widening of I-495 and I-270 and the County's plans for implementation of transit projects and supporting facilities.
3. VDOT agrees to incorporate a requirement for conversion to rail transit across the Woodrow Wilson Memorial Bridge in the future consistent with the preferred alternative approved through the NEPA process into any future concessionaire agreement and further agrees to explore with a future concessionaire, the ability to incorporate on-going transit payments to invest in multimodal enhancements in the project corridor.



Wes Moore  
Governor  
Aruna Miller  
Lieutenant Governor  
Paul J. Wiedefeld  
Secretary

May 14, 2024

The Honorable Christina Henderson  
Chair  
National Capital Region Transportation Planning Board  
Metropolitan Washington Council of Governments  
777 North Capitol Street, NE, Suite 300  
Washington DC 20002

Dear Chair Henderson:

The Maryland Department of Transportation (MDOT) requests that certain changes be made to the project inputs and the conformity tables in the National Capital Region Transportation Planning Board's (TPB) Long Range Transportation Plan, Visualize 2050, reflecting feedback from Maryland member jurisdictions and the public. We also wanted to provide an update on coordination with the City of Rockville and the Montgomery County Department of Transportation (MCDOT) and additional context on the Southern Maryland Rapid Transit (SMRT) project in Charles and Prince George's Counties.

#### **495 "East" Study**

The MDOT is removing CE1182, the I-495 Toll Lanes Study from the I-270Y (Western Spur) to the Potomac River (Woodrow Wilson Bridge), which is listed in the conformity input tables. Portions of this segment were removed from the MDOT's construction program during the National Environment Policy Act (NEPA) process, and since it has no funding in the Transportation Improvement Program (TIP) nor in Visualize 2045, we are removing it from the list of studies proposed to be studied in Visualize 2050.

#### **ALB+270 Program**

Since the April 2024 TPB meeting, MDOT has coordinated further with MCDOT and the City of Rockville. Under the Moore-Miller Administration, MDOT has appreciated the coordination with MCDOT on the ALB+270 Program, including the County Executive and Council's support for MDOT's grant requests for the section of project currently being advanced in design. In our coordination following the April meeting, Montgomery County and MDOT reaffirmed their shared commitment for the implementation of the program in a manner that advances transit along the corridor. In coordination with Montgomery County, MDOT will support a resolution at the May meeting that reaffirms the transit commitments in TPB Resolutions R2-2022 and R15-2022 that were associated with the replacement of the American Legion Bridge and

The Honorable Christina Henderson  
Page Two

widening of I-495 and I-270 in Visualize 2045 considering a certain scope, phasing, and project delivery methodology.

MDOT is committed to working with Montgomery County toward a more defined strategy to advance the project and these commitments before approval of Visualize 2050. MDOT has provided this resolution language to TPB staff for inclusion in the base resolution for the May 15, 2024 meeting.

The MDOT understands the City of Rockville's concerns about the Selected Alternative and their desire to remove the section of I-270 from Westlake Terrace to I-370 from Visualize 2050. As MDOT discussed in the April TPB meeting and in follow up with the City, MDOT is advancing design work for I-495 from the George Washington Memorial Parkway to the I-270 West Spur and on the I-270 West Spur from I-495 to north of Westlake Terrace and pursuing federal grants for construction. Meanwhile, MDOT plans to begin a NEPA study and associated planning for I-270 North (I-370 to I-70) later this year. No active design or planning activity related to the Selected Alternative is occurring between Westlake Terrace and I-370 on I-270 at this time nor is it planned to be advanced by this Administration as we focus on sections to the south and north.

At such time that design activities may start for this section, MDOT commits to engage with Gaithersburg, Montgomery County, and Rockville regarding the path forward. Mitigation requirements and commitments for the section, including sound barriers and transit investments, will be advanced as part of that engagement. MDOT will also evaluate the effects related to the phasing of potential improvements. MDOT will complete this engagement and evaluation prior to any funding for construction for this section being included in the Transportation Improvement Program.

While MDOT is comfortable to extend the time horizon for this section from the proposed 2040 to 2045 for Visualize 2050, consistent with the Project's NEPA horizon year, MDOT opposes any effort to remove this segment from the long-range plan as it would be inconsistent with the NEPA Record of Decision approved by the Federal Highway Administration.

Moreover, MDOT does not believe that a motion to remove only the Westlake Terrace to I-370 segment (called "Segment D" by TPB staff) is permissible. The federal regulations governing air quality conformity (40 CFR 93) provide clear definitions for transportation projects including transit projects and highway projects. The definition of a highway project in 40 CFR 93.101 mirrors FHWA regulations for actions evaluated under NEPA. Through the environmental review process, FHWA has defined the "highway project" through its approval of the Selected Alternative in their Record of Decision. The highway project's scope and limits cannot be changed for the purposes of evaluating air quality conformity as it must be consistent with the highway project in the Selected Alternative in the FHWA Record of Decision. The highway project may be phased for the purposes of construction, which is reflected in the air quality



The Honorable Christina Henderson  
Page Three

inputs provided by MDOT. If the project were to be removed from the air quality conformity analysis, MDOT cannot advance the action including any construction and any commitments related to the project.

These issues being raised, MDOT would welcome the opportunity to put forward a resolution on Wednesday that affirms the City and the Department's shared goals while retaining "Segment D" in the long-range plan.

### **Southern Maryland Rapid Transit**

We appreciate the feedback that we have received from stakeholders regarding the SMRT project in Charles and Prince George's Counties. MDOT and the Maryland Transit Administration (MTA) are actively coordinating with our local partners on completing the design, engineering, and environmental reviews to secure a federal record of decision on the project. We recently executed a Memorandum of Understanding (MOU) with the two Counties to advance this activity. Currently, there is \$10M in federal earmark and state funding in the FY 23-26 TIP to complete this work, and it is listed as a study moving forward in the long-range plan (TIP Record 11620). There is a total of \$25M programmed in MDOT's current FY24-FY29 Consolidated Transportation Program (CTP), and MDOT will update the upcoming FY 26-29 TIP this year to match the funding levels in the CTP. The MDOT strongly supports the advancement of the design and NEPA process.

In order for a project to be included in the TPB's conformity inputs for construction, it needs to be financially constrained, and it would have to demonstrate that construction or full funding is reasonably expected to be available. As soon as there is a designated mode, alignment, and estimated cost for construction, MDOT will work with the counties to include SMRT as a construction project either in a future long-range plan update or as an off-cycle plan amendment.

We appreciate your cooperation in this matter. Should you have additional questions or concerns, please contact Ms. Kari Snyder, MDOT Office of Planning and Capital Programming (OPCP) Regional Planner at 410-865-1305, toll free 888-713-1414 or via e-mail at [ksnyder3@mdot.maryland.gov](mailto:ksnyder3@mdot.maryland.gov). Ms. Snyder will be happy to assist you. Of course, please feel free to contact me directly.

Sincerely,



Drew Morrison

Policy Advisor for Planning and Project Development, MDOT

cc: Ms. Kari Snyder, Regional Planner, OPCP, MDOT  
Mr. Geoffrey Anderson, Chief of Planning, Programming, and Delivery, MDOT



## COMMONWEALTH of VIRGINIA

### DEPARTMENT OF TRANSPORTATION

Stephen C. Brich, P.E.  
Commissioner

1401 East Broad Street  
Richmond, Virginia 23219

April 30, 2024

The Honorable Christina Henderson, Chair  
National Capital Region Transportation Planning Board  
Metropolitan Washington Council of Governments  
777 North Capitol Street, N.E., Suite 300  
Washington, DC 20002-4201

RE: I-495 Southside Express Lanes Study

Dear Chair Henderson:

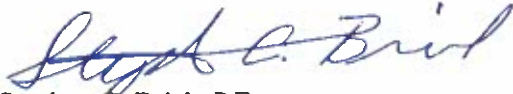
The Virginia Department of Transportation (VDOT) continues to value the partnership with the Transportation Planning Board (TPB) as we collectively seek to update the Visualize 2050 Constrained Long Range Plan (CLRP). The efforts and collaboration amongst TPB and its member states, jurisdictions, legislative representatives, and regional authorities is critical to the support of regionally significant projects. As you are aware, project submissions for Visualize 2050 by VDOT include the I-495 Southside Express Lanes project. This critical project seeks to develop a multimodal solution with a goal of moving the most people as efficiently as possible through this congested segment of the Capital Beltway. The project presents the opportunity to create and expand transit connections within the region while also providing congestion relief and increased travel reliability. The project is consistent with the TPB's adopted goals for the development of Visualize 2050, specifically through its objective to reduce travel times for transit services and the free use of the express lanes network by these services and other high occupancy vehicles.

Over the last several months, we have heard concerns regarding the preservation of space on the Woodrow Wilson Memorial Bridge (WWMB) for future rail transit. The National Environmental Policy Act (NEPA) study completed in 2000 delineated the inside lanes of the bridge for future rail transit and its ensuing Record of Decision memorialized this requirement. I am writing to clearly state that VDOT is fully supportive of future rail transit over the WWMB and as such is continuing to pursue rail preservation by advancing alternatives that can be pursued in the near term while including flexibility for the long term, are cost effective, and can be built largely within the footprint of the existing corridor. The concepts under NEPA review incorporate rail preservation either through retaining existing, unoccupied space or by incorporating a commitment to convert necessary space to rail transit in the future when Washington Metropolitan Area Transit Authority (WMATA) and the region are positioned to implement service across the WWMB. Incorporating this commitment as part of the NEPA process and its ultimate federal approval means this requirement is legally enforceable. VDOT's adherence to this requirement will not result in costs for WMATA to convert the space when they are ready to implement service. Further, VDOT has stated, and I reiterate, that terms within any future contract or concessionaire agreement would similarly incorporate a requirement for conversion to rail transit in the future consistent with the preferred alternative approved through the NEPA process. This means a future agreement would make clear the need for the concessionaire to vacate the space necessary to operate heavy rail.

The Honorable Christina Henderson  
April 30, 2024  
Page Two

Regarding transit investments, it has been the practice of the Commonwealth to incorporate on-going transit payments from express lane projects in Northern Virginia to enhance multimodal options in the respective corridor. It is VDOT's intent to continue the advocacy for our established practice with this project. However, since this project is still at preliminary stages, we are not able to identify the amount nor the nature of funding for transit investments in the corridor at this time. To underscore the Commonwealth's commitment to this approach, it is worth noting that since 2017 VDOT alone and in conjunction with our express lane partners have provided \$156 million to the Commuter Choice Program which has been used to fund park and ride lots, bus purchases, shared use paths, and transit stations.

In closing, we understand the importance of future rail transit on the Woodrow Wilson Bridge and are committed to ensuring the space will be available. I hope you will continue to support the Commonwealth's efforts to solve the region's most challenging congestion in the near term while also retaining the flexibility necessary to adjust our problem-solving approaches in the future.  
Sincerely,

A handwritten signature in blue ink, appearing to read "Stephen C. Brich".

Stephen C. Brich, P.E.  
Commissioner of Highways

C:     The Honorable W. Sheppard Miller, III, Secretary of Transportation  
          Mr. Kanti Srikanth, TPB, Executive Director  
          Ms. Cathy McGhee, P.E., VDOT, Chief Deputy Commissioner  
          Ms. Angel Deem, VDOT, Chief of Policy  
          Mr. Bill Cuttler, P.E., VDOT-NoVA, District Engineer  
          Ms. Maria Sinner, P.E., VDOT-NoVA, ADA Planning and Investment



April 3, 2024

## **AIR QUALITY CONFORMITY ANALYSIS: VISUALIZE 2050 & FY 2026-2029 TIP**

### **DRAFT SCOPE OF WORK**

#### **I. INTRODUCTION**

The list of projects solicited for the Visualize 2050 National Capital Region Transportation Plan and the FY 2026-2029 Transportation Improvement Program (TIP) is scheduled to be finalized at the May 15, 2024 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. 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:

<b>CONFORMITY CRITERIA &amp; PROCEDURES</b>	
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 EPA-approved mobile emissions budgets in the 2008 Ozone NAAQS Maintenance Plan. 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.

### III. POLICY AND TECHNICAL APPROACH

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

<b>Pollutants</b>	Ozone Season VOC and NOx
<b>Emissions Model</b>	MOVES4
<b>Conformity Test</b>	Budget Test: Using EPA approved mobile emissions budgets from the 2008 Ozone NAAQS Maintenance Plan
<b>Vehicle Fleet Data</b>	December 2023 vehicle registration data
<b>Geography</b>	8-hour ozone non-attainment area
<b>Network Inputs</b>	Regionally significant projects
<b>Land Activity</b>	Cooperative Forecasts Round 10
<b>HOV/HOT</b>	<u>VA</u> : I-66, I-95, I-395, and I-495 are all HOT3+; all HOV facilities will be HOV2+ through 2050 <u>MD</u> : HOV facility on US 50 will remain HOV2+ through 2050; HOV facility on I-270 will convert from HOV2+ to HOT3+ when additional lanes are added;
<b>Roadway Restrictions</b>	Roadway restrictions, such as truck prohibitions, are reflected in the travel model network using information supplied by the Departments of Transportation
<b>Transit Constraint</b>	<del>No Metrorail “capacity constraint” (removed with March 2018 passage of annual funding for WMATA agreement)</del>
<b>Analysis Years</b>	2025, 2026, 2030, 2040, 2045, and 2050
<b>Modeled Area</b>	6,800 square mile area with 3,722 Transportation Analysis Zones (TAZs)
<b>Travel Demand Model</b>	Gen2/Version 2.4 or latest

### 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 2023
  - Fares current to May 2024
3. Determine Characteristics of the Motor Vehicle Fleet by Preparing 2023 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 10 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:
  - 2025, 2026, 2030, 2040, 2045, and 2050 highway networks
  - 2025, 2026, 2030, 2040, 2045, and 2050 transit network input files



- Update highway tolls and transit fares as necessary
6. Execute travel demand modeling for years 2025, 2026, 2030, 2040, 2045, and 2050
  7. Derive mobile emissions estimates for years 2025, 2026, 2030, 2040, 2045, and 2050 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

## SCHEDULE:

Timeframe		Activity
	January – February 2024	<ul style="list-style-type: none"> <li>Preliminary inputs due December 29 for the LRTP and Air Quality Conformity (AQC) analysis for staff review and coordination.</li> <li>Staff will review and compile the conformity table showing changes. Staff to send draft table with changes to agencies for review on February 1. Agencies to provide corrections by February 15.</li> <li>TPB member agencies submit technical corrections to preliminary inputs and updates based on TPB/interagency consultation to produce final inputs for comment period.</li> <li>Final project inputs for Visualize 2050 and AQC analysis due to TPB staff for inclusion in comment period documentation on February 15.</li> <li>TPB staff will reconcile draft financial analysis results and produce preliminary financial plan to reflect project submissions.</li> </ul>
	March 2024	<ul style="list-style-type: none"> <li>March 1 - The TPB Technical Committee will review the draft financial plan; projects proposed for inclusion in the conformity analysis, and the draft AQC scope of work. Public comment period starts March 1 on projects and AQC scope of work.</li> <li>The TPB will receive a briefing on the draft inputs to the plan/AQC analysis and the draft AQC scope of work and the draft financial plan.</li> <li>Public comment period runs March 1 through March 30 on inputs to the plan/AQC analysis and AQC scope of work. MWAQC TAC will review this information during its March meeting.</li> </ul>
	April 2024	<ul style="list-style-type: none"> <li>The TPB will receive a summary of the public comments on the draft inputs to the plan and AQC analysis; agencies sponsoring the projects will have the opportunity to discuss and advise staff on responses.</li> <li>The TPB will review responses to comments and updates to inputs to the plan and scope of work for the AQC analysis.</li> </ul>
	Early 2024	<ul style="list-style-type: none"> <li>EPA anticipated to find new Motor Vehicle Emissions Budgets (MVEBs) in the updated 2008 ozone maintenance plan adequate for use in air quality conformity analyses.</li> </ul>
	May 2024	<ul style="list-style-type: none"> <li>The TPB will be asked to accept the comments and approve the inputs and scope, authorizing staff to begin analysis.</li> <li>Continue financial analysis: (May 2024-March 2025) final revisions, report production</li> </ul>
	May 2024	<ul style="list-style-type: none"> <li>TPB staff commence Air Quality Conformity technical analysis after TPB approval</li> </ul>
	Winter 2024	<ul style="list-style-type: none"> <li>Transportation Improvement Program (TIP) inputs due for the FY 2026-2029 TIP January 26, 2025.</li> <li>TPB staff complete financial plan: final revisions, report production.</li> </ul>

		<ul style="list-style-type: none"> <li>TPB staff complete Air Quality Conformity technical analysis and draft report.</li> <li>TPB staff draft performance analysis for the plan and TIP.</li> </ul>
	April 2025	<ul style="list-style-type: none"> <li>Public comment period on the plan, TIP and the results of AQC analysis for the updated plan and FY 2026-2029 TIP from April 1 – April 30</li> <li>The TPB Technical Committee and MWAQC and MWAQC TAC will review the draft results of AQC analysis for the updated plan and FY 2026-2029 TIP during their meetings.</li> <li>The TPB will receive a briefing on the draft results of the AQC analysis for the plan and TIP.</li> </ul>
	May 2025	<ul style="list-style-type: none"> <li>The TPB will receive a summary of the comments received on the analysis, plan and TIP; the agencies sponsoring the projects will have the opportunity to advise staff on responses to comments.</li> </ul>
	June 2025	<ul style="list-style-type: none"> <li>The TPB will be asked to approve the results of the AQC analysis and adopt the updated plan and the FY 2026-2029 TIP.</li> </ul>

6-Jun-23

**Summary of Employment Forecasts**  
**Final Round 10.0 Cooperative Forecasts**  
**(Thousands)**

**FINAL**  
**COG Board of**  
**Directors**  
**June 14, 2023**

JURISDICTION	2020	2025	2030	2035	2040	2045	2050	2020 to 2050 Growth	
								Number	% Change
District of Columbia	785.9	846.1	886.3	923.5	954.4	989.0	1,021.6	235.7	30.0%
Arlington County	221.6	223.2	236.7	259.2	266.4	275.3	283.7	62.1	28.0%
City of Alexandria	101.8	101.0	99.3	106.6	112.8	116.8	123.2	21.4	21.1%
<b>Central Jurisdictions</b>	<b>1,109.3</b>	<b>1,170.2</b>	<b>1,222.2</b>	<b>1,289.3</b>	<b>1,333.5</b>	<b>1,381.2</b>	<b>1,428.5</b>	<b>319.2</b>	<b>28.8%</b>
Montgomery County	493.6	522.9	545.6	568.3	591.0	613.8	636.5	142.9	29.0%
City of Rockville (1)	76.4	78.7	81.1	83.8	87.8	91.1	94.5	18.0	23.6%
City of Gaithersburg (1)	43.0	48.0	52.0	54.5	56.5	58.0	59.0	16.0	37.2%
Prince George's County	343.5	356.7	366.8	381.9	396.7	416.0	435.0	91.5	26.6%
Fairfax County (2)	658.8	690.5	750.8	788.8	812.5	832.0	842.0	183.2	27.8%
City of Fairfax	20.5	22.0	22.3	22.6	22.9	23.2	23.5	3.0	14.6%
City of Falls Church	12.4	13.1	15.4	16.5	17.4	18.3	19.4	7.1	57.0%
<b>Inner Suburbs</b>	<b>1,528.7</b>	<b>1,605.2</b>	<b>1,700.9</b>	<b>1,778.1</b>	<b>1,840.6</b>	<b>1,903.2</b>	<b>1,956.4</b>	<b>427.7</b>	<b>28.0%</b>
Loudoun County	187.7	210.3	227.0	240.8	251.5	258.7	265.8	78.2	41.7%
Prince William County	161.8	178.6	194.4	209.7	223.4	235.6	246.4	84.7	52.3%
City of Manassas	25.3	26.1	26.9	27.7	28.3	28.8	29.3	3.9	15.5%
City of Manassas Park	4.3	4.7	5.0	5.1	5.2	5.3	5.4	1.1	25.5%
Charles County	43.9	46.1	49.8	54.0	57.4	60.0	62.2	18.3	41.8%
Frederick County	108.3	115.6	123.8	132.5	141.8	151.8	162.5	54.2	50.1%
City of Frederick (3)	57.4	60.1	64.4	67.6	69.5	74.4	79.6	22.2	38.7%
<b>Outer Suburbs</b>	<b>531.3</b>	<b>581.4</b>	<b>626.8</b>	<b>669.9</b>	<b>707.7</b>	<b>740.2</b>	<b>771.7</b>	<b>240.5</b>	<b>45.3%</b>
<b>Virginia Jurisdictions</b>	<b>1,394.2</b>	<b>1,469.5</b>	<b>1,577.7</b>	<b>1,677.0</b>	<b>1,740.4</b>	<b>1,794.0</b>	<b>1,838.9</b>	<b>444.7</b>	<b>31.9%</b>
<b>Maryland Jurisdictions</b>	<b>989.2</b>	<b>1,041.3</b>	<b>1,086.0</b>	<b>1,136.8</b>	<b>1,187.0</b>	<b>1,241.6</b>	<b>1,296.2</b>	<b>307.0</b>	<b>31.0%</b>
<b>COG Region</b>	<b>3,169.2</b>	<b>3,356.9</b>	<b>3,549.9</b>	<b>3,737.3</b>	<b>3,881.7</b>	<b>4,024.6</b>	<b>4,156.6</b>	<b>987.4</b>	<b>31.2%</b>

(1) Included in Montgomery County total.

(2) Forecasts for all years include Fairfax County Government employees working at the Fairfax County Judicial Center.

(3) Included in Frederick County total.

6-Jun-23

**Summary of Population Forecasts**  
**Final Round 10.0 Cooperative Forecasts**  
**(Thousands)**

**FINAL**  
**COG Board of**  
**Directors**  
**June 14, 2023**

JURISDICTION	2020	2025	2030	2035	2040	2045	2050	2020 to 2050 Growth	
								Number	% Change
District of Columbia	689.5	697.7	728.6	757.2	787.1	816.4	844.4	154.9	22.5%
Arlington County	238.6	245.8	260.2	272.9	285.2	298.0	311.2	72.6	30.4%
City of Alexandria	159.5	180.5	202.0	222.2	239.8	252.9	261.9	102.4	64.2%
<b>Central Jurisdictions</b>	<b>1,087.7</b>	<b>1,124.0</b>	<b>1,190.8</b>	<b>1,252.3</b>	<b>1,312.2</b>	<b>1,367.3</b>	<b>1,417.5</b>	<b>329.8</b>	<b>30.3%</b>
Montgomery County	1,061.2	1,083.0	1,118.0	1,153.9	1,189.6	1,222.2	1,250.7	189.4	17.8%
City of Rockville (1)	67.8	70.9	74.6	78.7	82.9	87.5	92.7	24.9	36.8%
City of Gaithersburg (1)	69.7	72.5	75.7	78.5	81.2	83.7	85.8	16.1	23.2%
Prince George's County	967.2	997.8	1,033.0	1,081.7	1,122.7	1,159.6	1,193.8	226.5	23.4%
Fairfax County	1,171.9	1,202.4	1,247.5	1,283.7	1,319.0	1,353.6	1,384.0	212.1	18.1%
City of Fairfax	24.1	27.8	32.7	34.4	36.1	37.8	39.6	15.4	63.8%
City of Falls Church	14.7	15.5	18.0	19.6	20.7	21.8	23.3	8.6	58.8%
<b>Inner Suburbs</b>	<b>3,239.1</b>	<b>3,326.5</b>	<b>3,449.1</b>	<b>3,573.3</b>	<b>3,688.1</b>	<b>3,795.0</b>	<b>3,891.2</b>	<b>652.1</b>	<b>20.1%</b>
Loudoun County	421.0	456.2	493.9	515.5	529.6	539.2	548.5	127.6	30.3%
Prince William County	483.8	515.2	536.6	553.0	565.0	573.7	579.6	95.7	19.8%
City of Manassas	42.8	43.7	46.3	47.6	48.5	49.5	50.4	7.7	17.9%
City of Manassas Park	17.2	19.0	20.4	20.9	21.4	21.9	22.4	5.2	30.3%
Charles County	168.0	176.3	193.6	203.8	216.5	230.4	242.7	74.6	44.4%
Frederick County	271.7	293.2	316.3	341.3	368.3	397.4	428.8	157.1	57.8%
City of Frederick (2)	78.2	83.8	89.5	95.1	100.8	106.4	112.0	33.9	43.3%
<b>Outer Suburbs</b>	<b>1,404.5</b>	<b>1,503.7</b>	<b>1,607.3</b>	<b>1,682.2</b>	<b>1,749.5</b>	<b>1,812.2</b>	<b>1,872.4</b>	<b>467.9</b>	<b>33.3%</b>
<b>Virginia Jurisdictions</b>	<b>2,573.5</b>	<b>2,706.2</b>	<b>2,857.6</b>	<b>2,969.8</b>	<b>3,065.4</b>	<b>3,148.4</b>	<b>3,220.8</b>	<b>647.3</b>	<b>25.2%</b>
<b>Maryland Jurisdictions</b>	<b>2,468.2</b>	<b>2,550.3</b>	<b>2,661.0</b>	<b>2,780.8</b>	<b>2,897.2</b>	<b>3,009.6</b>	<b>3,115.9</b>	<b>647.7</b>	<b>26.2%</b>
<b>COG Region</b>	<b>5,731.3</b>	<b>5,954.2</b>	<b>6,247.2</b>	<b>6,507.8</b>	<b>6,749.7</b>	<b>6,974.5</b>	<b>7,181.1</b>	<b>1,449.8</b>	<b>25.3%</b>

(1) Included in Montgomery County total.

(2) Included in Frederick County total.

6-Jun-23

**Summary of Household Forecasts**  
**Final Round 10.0 Cooperative Forecasts**  
**(Thousands)**

**FINAL**  
**COG Board of**  
**Directors**  
**June 14, 2023**

JURISDICTION	2020	2025	2030	2035	2040	2045	2050	2020 to 2050 Growth Number % Change	
District of Columbia	312.4	344.2	366.8	386.6	407.6	426.0	441.4	129.0	41.3%
Arlington County	109.9	118.2	126.2	133.3	140.0	146.9	153.6	43.7	39.8%
City of Alexandria	75.6	85.7	96.4	106.7	115.4	122.0	126.0	50.5	66.8%
<b>Central Jurisdictions</b>	<b>497.9</b>	<b>548.1</b>	<b>589.4</b>	<b>626.6</b>	<b>663.1</b>	<b>695.0</b>	<b>721.1</b>	<b>223.2</b>	<b>44.8%</b>
Montgomery County	386.6	398.4	416.5	434.1	450.0	463.2	474.3	87.7	22.7%
City of Rockville (1)	28.2	29.9	31.7	33.7	35.8	38.1	40.6	12.4	43.8%
City of Gaithersburg (1)	25.9	27.2	28.9	30.3	31.7	33.0	34.2	8.3	32.0%
Prince George's County	342.2	353.7	367.4	385.9	400.5	413.7	425.9	83.7	24.5%
Fairfax County	417.5	431.5	451.2	467.1	482.4	497.5	510.8	93.3	22.4%
City of Fairfax	9.3	10.6	13.0	13.8	14.6	15.4	16.3	6.9	74.3%
City of Falls Church	5.8	7.3	8.7	9.6	10.3	11.1	12.1	6.3	108.5%
<b>Inner Suburb:</b>	<b>1,161.5</b>	<b>1,201.6</b>	<b>1,256.9</b>	<b>1,310.5</b>	<b>1,358.0</b>	<b>1,400.9</b>	<b>1,439.4</b>	<b>277.9</b>	<b>23.9%</b>
Loudoun County	137.4	148.9	161.7	169.5	174.7	178.2	181.7	44.3	32.2%
Prince William County	153.9	165.0	173.4	180.0	185.1	189.0	191.9	38.0	24.7%
City of Manassas	14.0	14.3	15.1	15.5	15.8	16.1	16.4	2.4	17.5%
City of Manassas Park	5.4	6.2	6.9	7.1	7.4	7.7	8.0	2.6	47.9%
Charles County	59.1	64.3	71.2	75.3	80.0	85.2	89.7	30.6	51.8%
Frederick County	98.4	106.2	114.5	123.5	133.2	144.3	155.7	57.3	58.3%
City of Frederick (2)	31.8	34.1	36.3	38.7	40.9	43.3	45.6	13.8	43.3%
<b>Outer Suburbs</b>	<b>468.1</b>	<b>504.9</b>	<b>542.7</b>	<b>571.0</b>	<b>596.2</b>	<b>620.4</b>	<b>643.3</b>	<b>175.2</b>	<b>37.4%</b>
<b>Virginia Jurisdictions</b>	<b>928.8</b>	<b>987.7</b>	<b>1,052.5</b>	<b>1,102.6</b>	<b>1,145.8</b>	<b>1,184.0</b>	<b>1,216.8</b>	<b>288.0</b>	<b>31.0%</b>
<b>Maryland Jurisdictions</b>	<b>886.3</b>	<b>922.6</b>	<b>969.7</b>	<b>1,018.8</b>	<b>1,063.7</b>	<b>1,106.3</b>	<b>1,145.6</b>	<b>259.3</b>	<b>29.3%</b>
<b>COG Region</b>	<b>2,127.5</b>	<b>2,254.5</b>	<b>2,389.0</b>	<b>2,508.1</b>	<b>2,617.2</b>	<b>2,716.3</b>	<b>2,803.8</b>	<b>676.3</b>	<b>31.8%</b>

(1) Included in Montgomery County total.

(2) Included in Frederick County total.

# VISUALIZE 2050 AIR QUALITY CONFORMITY NETWORK INPUTS (transit)

**DRAFT 5/09/2024**

								Projected
	PIT Project ID	ConID	Scenario	Improvement	Facility	From	To	Completion Date
<b>DDOT</b>								
1	6103	794	UHOWEXT	Implement	DC Circulator Expansion	Rosslyn to Dupont Circle Route	Extension to U St./Howard University	2026
2	T5754	613	DCSTHST2	Construct	Benning Road Streetcar Extension	Oklahoma Avenue NE	45th Street/Benning Road Metro	2026 2030
3	CE3081	610	DCSTGTWN	Implement	Union Station/Georgetown Streetcar	K Street/34th Street NW	3rd Street/H Street NE	2040
4	T3212			Implement	H St. and I St Bus lanes Phase 2	13th St. NW	Pennsylvania Ave NW	2021 completed
5	3212 T13580	7835 32666		Study-Implement	H St. NW Bus Improvements	14th St. NW	North Capitol St.	not coded 2022 completed
6	CE3081			Construct	K St. NW Transitway	9th St. NW	21st St. NW	2025
7	T13585	32690		Implement	U St. NW Bus Improvements	18th St. NW	9th St NW	2025
9	3212-T13588	31057 31058 31059		Implement	8th St. SE Bus Improvements			2024
10	T13583	32646		Implement	11th St. NW Bus Improvements	Pennsylvania Ave NW	G Street NW	2024
11	T13583	32647		Implement	11th St. NW Bus Improvements	H Street NW	L Street NW	2024
12	T13583	32648		Implement	11th St. NW Bus Improvements	L Street NW	E Street NW	2024

# VISUALIZE 2050 AIR QUALITY CONFORMITY NETWORK INPUTS (transit)

**DRAFT 5/09/2024**

	PIT Project ID	ConID	Scenario	Improvement	Facility	From	To	Projected Completion Date
13	T6638	989		Implement	16th St. Bus Priority Improvements	H St. NW	Arkansas Ave NW	2022 completed
14	T13590	32016		Implement	Florida Ave. NW Bus Improvements	9th Street NW	1st Street NE	2024
15	T13591	32016		Implement	Georgia Ave. NW Bus Improvements	Eastern Ave.	Barry Place NW	2026
16	<del>3212</del> T13582	32595 32673		Study-Implement	Minnesota Avenue SE Bus Improvements (southbound)	Nelson Pl SE	Burns St SE	not coded 2023 completed
17	T13586	32728		Implement	Southern Ave SE Bus Improvements (NB)	South Capitol St SE	Barnaby Road SE	2026
<b>MDOT/MTA</b>								
18	<del>CE3427-CE3787</del>	<del>617</del> 15642	MARCFRQ	Implement	Brunswick Line Service Improvements			2029-2045
19	<del>CE3427-CE3788</del>	<del>618</del> 15646	MARCFRQ	Implement	Camden Line Service Improvements			2029-2045
20	<del>CE1649</del>	<del>481</del>	<del>ECTBRT</del>	<del>Construct</del>	<del>Corridor Cities BRT</del>	<del>Shady Grove</del>	<del>Comsat</del>	2035
21	<del>CE3427-CE3855</del>	<del>619</del> 34252	MARCFRQ	Implement	Penn Line Service Improvements			2029-2045
22	T2795	479	PURPLE	Construct	Purple Line Transitway	Bethesda	New Carrollton	2023 2027
<b>Montgomery County</b>								
23	CE3662		RANDBRT	Implement	Randolph Road BRT	US 29	MD 355	2030 2045
24	<del>CE3663</del> T3663	<del>5062</del> 963	NBETHBRT	Implement	North Bethesda Transitway BRT	Montgomery Mall Transit Center	White Flint	2030 2045



## VISUALIZE 2050 AIR QUALITY CONFORMITY NETWORK INPUTS (transit)

DRAFT 5/09/2024

	PIT Project ID	ConID	Scenario	Improvement	Facility	From	To	Projected Completion Date
25	<del>CE3424</del> CE3856 T6396		MD355BRT	Implement	MD 355 BRT	MD 410 East-West Highway	Clarksburg Rd.	2030
26	CE3103	485	VEIRSBRT	Implement	Veirs Mill Road BRT	<del>MD 355 Rockville Pike</del> Montgomery College, Rockville	<del>MD 97 Georgia Ave.</del> Wheaton Metro Station	<del>2025</del> 2030
27	<del>CE3672</del> T12004	982	NHBRT	Implement	New Hampshire Ave. BRT	Colesville Park and Ride	<del>Takoma Metro Station</del> Fort Totten Metro Station	2045
28	<del>CE1249</del>	<del>483</del>	<del>MCT7</del>	<del>Construct</del>	<del>Olney Transit Center</del>	<del>adjacent to or north of MD 108</del>		<del>2045</del>
29	CE1253	487	TIGERVEIR	Construct	Veirs Mill Road Bus Enhancement	Rockville	Wheaton	2021 completed
30	CE3857	487		Construct	Great Seneca Transit Network Bus Service Improvements			2025
31				Construct	Md 193 (University Blvd) Bus Lanes	Amherst Ave	Dennis Ave	2024
<b>VDOT/VDRPT</b>								
32	T6727	1028		Construct	Long Bridge	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	2030
33	<del>CE3758</del> T11581	3680		Construct	<del>VRE L'Enfant Station and 4th Track Improvements</del>	L'Enfant Interlocking	Virginia Interlocking	2028
34	CE3708 T6673	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	<del>2028</del> 2026

# VISUALIZE 2050 AIR QUALITY CONFORMITY NETWORK INPUTS (transit)

**DRAFT 5/09/2024**

	PIT Project ID	ConID	Scenario	Improvement	Facility	From	To	Projected Completion Date
35	T6706	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
36	CE2832	504	VREFREQ	Implement	VRE Service Improvements (Reduce Headways)	Fredericksburg and Manassas lines		2035
37	CE2831	630		Construct	VPRA 3rd Track - RF&P	Arkendale, Stafford Co.	Powell's Creek, Prince William County	2024
38	CE2420-T12003	9841		Construct	Broad Run Expansion- 3rd Track Project	Broad Run	Manassas (Wellington Road)	2025 2027
39	CE1942	795	US1VABUS	Widen	US 1 (bus/right turn lanes)	VA 235 North	SCL Alexandria (I-95 Capital Beltway)	2035
40	CE3496 T6680	808	US1BRT	Construct	US 1 Richmond Highway Bus Rapid Transit (BRT)	Huntington Metro	Ft. Belvoir and to Woodbridge VRE	2030 2031
41	CE3521	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) Pentagon City Metro Station	2022 2026
42			MWAYEXT2	Construct	Crystal City Transitway: Southern Extension - complete dedicated lanes	South Glebe Road	Alexandria city line	2025

# VISUALIZE 2050 AIR QUALITY CONFORMITY NETWORK INPUTS (transit)

**DRAFT 5/09/2024**

	PIT Project ID	ConID	Scenario	Improvement	Facility	From	To	Projected Completion Date
43	T6672	18600	MWAYROW	Construct	Crystal City/Potomac Yard Transitway-realign with dedicated right-of-way	East Glebe Road	Evans Lane	2030
44	CE3013	489	POTYDS	Construct	Metro Station	Potomac Yard		2022 2023 completed
45	CE2188	493		Construct	Park-and-Ride Garage	Springfield CBD	vic. I-95 & Old Keene Mill Road	2023 completed
46	CE2875	499		Construct	Park and Ride Lot	Arcola Center 300 spaces		2024
47	CE1981	503	SILVER 2	Construct	Dulles Corridor Metrorail	Wiehle-Reston East Station	Ashburn Station	2022 completed
48	CE3802			Study	Orange Line Metrorail Extension	Vienna Metrorail Station	Prince William County	not coded
49	CE3803			Study	Yellow Line Metrorail Extension	Huntington Metro	Hybla Valley/Gum Springs Community Business Center	not coded
50	CE3839			Study	Route 7 BRT	West Falls Church	Spring Hill via International Drive	not coded
51	CE3700	1019	SILVER 2	Construct	Park-and-Ride Garage	Innovation Station	2000+ parking spaces	2020 completed
52	CE2831	629	POTSHRS	Construct	VRE - Potomac Shores Commuter Rail Station	Potomac Shores	Prince William County	2022 2030
53	CE2930	505	VANDBRT	Construct	West End Transitway (City Funded)	Van Dorn Street Metro	Pentagon	2026 & 2035- 2028
54	CE2930	1034	VANDBRT2	Construct	West End Transitway Phase II (Southern Segment)	Van Dorn Street Metro	Landmark Mall	2026
55	CE3071	507 32580	NRS	Construct	Landmark Transit Center	Duke Street and Van Dorn Street		2023 2027

# VISUALIZE 2050 AIR QUALITY CONFORMITY NETWORK INPUTS (transit)

**DRAFT 5/09/2024**

	PIT Project ID	ConID	Scenario	Improvement	Facility	From	To	Projected Completion Date
56	CE2933	508	ALEXBUS	Implement	DASH Service Expansion	citywide		2030
57		821	BELTHOT	Implement	Beltway HOT lanes transit service			2030
58	CE2932	509	DUKEBUS	Construct	Duke Street Transitway	King Street Metro	Fairfax County Line	2027 2028
59	CE2695	672		Construct	Leesburg Park and Ride Lot (new location)	Crosstrails Blvd (approx)	300 Spaces	2018
60		674		Construct	One Loudoun Park and Ride Lot	VA 7 & Loudoun County Parkway	200 Spaces	2019 completed
61	CE3359	675		Construct	Western Loudoun Park and Ride Lot		250 Spaces	2024
62	CE3484	797	I66HOTI	Implement	I-66 Multimodal Corridor Improvements	Inside the beltway		through 2050
63	CE3448	799	I66HOTO	Implement	I-66 Corridor Enhanced Bus Service (details shown with project description sheet)	Outside the beltway		2022 completed
64	CE3448	800	I66HOTO	Implement	I-66 Corridor Enhanced Bus Service	Outside the beltway		through 2050
65	CE3448	801		Construct	I-66 Corridor Park and Ride lot	Haymarket		2021 completed
66	CE3448	802		Construct	I-66 Corridor Park and Ride lot	University Blvd. in Gainesville		2021 completed
67	CE3448	803		Construct	I-66 Corridor Park and Ride lot	Balls Ford Road in Manassas		2021 completed
<b>FAMPO</b>								
67				Construct	New Chatham Heights Road PNR	80 spaces		2038

## VISUALIZE 2050 AIR QUALITY CONFORMITY NETWORK INPUTS (transit)

**DRAFT 5/09/2024**

	PIT Project ID	ConID	Scenario	Improvement	Facility	From	To	Projected Completion Date
67				Construct	VA 3 East PNR	150 spaces		2038
67				Construct	US 17 Business New Warrenton Road PNR	1000 spaces near Olde Forge Dr.		2038
67				Construct	US 1 at Commonwealth Dr. PNR			2027

# VISUALIZE 2050 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

**DRAFT 5/09/2024**

	PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Fr	To	Lanes From	Lanes To	Completion Date
<b>DDOT</b>													
68	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						2022 completed
69	T13597	33037			Reduce Capacity	Alabama Ave SE (eastbound)	5th Street SE	MLK Elementary School			2	1	2030
71	T13597	33038			Reduce Capacity	Alabama Ave SE (eastbound)	Jasper St. SE	James M. McGee Sr. St. SE			2	1	2030
71	T13597	33039			Reduce Capacity	Alabama Ave SE (eastbound)	Gainesville St. SE	Aigner Pl. SE			2	1	2030
72	T13597	33040			Reduce Capacity	Alabama Ave SE (eastbound)	25th Street SE	Naylor Rd. SE			2	1	2030
73	T13597	33041			Reduce Capacity	Alabama Ave SE (westbound)	Marion Barry Ave SE	Branch Ave. SE			2	1	2030
74	T13597	33042			Reduce Capacity	Alabama Ave SE (westbound)	Randle Pl. SE	7th Street SE			2	1	2030
75	T13597	33043			Reduce Capacity	Alabama Ave SE (westbound)	Congress St. SE	15th Street SE			2	1	2030
76	T13597	33044			Reduce Capacity	Alabama Ave SE (westbound)	24th Street SE	Irving St. SE			2	1	2030
77	T13597	33045			Reduce Capacity	Alabama Ave SE (westbound)	Naylor Rd. SE	31st Street SE			2	1	2030
78	T13597	33046			Widen	Alabama Ave SE (westbound)	Irving St. SE	Aigner Pl. SE			1	2	2030
79	T13597	33047			Reduce Capacity	Alabama Ave SE (westbound)	31st Place SE	Branch Ave. SE			2	1	2030
80	T13597	33048			Reduce Capacity	Alabama Ave SE (westbound)	34th Street SE	Suitland Rd. SE			2	1	2030
81	T13597	33049			Reduce Capacity	Alabama Ave SE (westbound)	38th Street SE	Pennsylvania Ave SE			2	1	2030
82	T3232	31473			Reduce Capacity - bike lanes	Arizona Ave NW (north/eastbound)	Carolina Place NW	Loughboro Rd NW			3	2	2024

NOTE: Shaded areas represent changes from the 2022 Update to Visualize 2045. Blue = removed. Yellow = added or changed.  
Pink = technical correction during comment period.

# VISUALIZE 2050 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

**DRAFT 5/09/2024**

	PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Fr	To	Lanes From	Lanes To	Completion Date
83	T13596	32873			Reduce Capacity	Bladensburg Rd. NE	Eastern Ave.	Benning Road			6	4	2028
84	T3232	31566			Reduce Capacity - bike lanes	Branch Ave SE	Randle Circle SE	Alabama Ave SE			4	2	2025
85	T13599	34039			Reduce Capacity	Constitution Ave.	Louisiana Ave NW	Pennsylvania Ave NW			6	5	2026
86	T3232	1008	DS28		Reduce Capacity - bike lanes	Dalecarlia Pkwy NW	Loughboro Road	Westmoreland Circle			4	2	2040 2030
87	T6315	567	DP16		Reduce Capacity	East Capitol Street	40th Street	Southern Ave			6	4	2021 2030
88	T13592	32401			Reduce Capacity	Eastern Ave NE	Whittier St NW	New Hampshire Ave NE			3	2	2028
89	T13590	32016			Reduce Capacity Bus Lanes	Florida Avenue NW	9th Street NW	1st Street NE			4	2	2025
90	6195	710			Reduce Capacity	Florida Avenue NE	2nd Street	3rd Street			6	5	2023 completed
91	6195	717	DS13		Reduce Capacity	Florida Avenue NE	3rd Street	West Virginia Avenue			6	4	2023 completed
92	T13591	32180			Reduce Capacity Bus Lanes	Georgia Avenue NW	Eastern Ave.	Barry Place NW			4	2	2026
93	T3232	860	DS23		Reduce Capacity - bike lanes	Harewood Road NW	Rock Creek Church Road NW	North Capitol Street			2	1	2022 2024
94	T3232	31668			Reduce Capacity - bike lanes	Kansas Ave NW	Peabody St NW	Chillum Place NW			4	2	2024
95	T3232	31704			Reduce Capacity - bike lanes	Lincoln Rd NE	V St NE	4th St NE			3	2	2025

NOTE: Shaded areas represent changes from the 2022 Update to Visualize 2045. Blue = removed. Yellow = added or changed.  
Pink = technical correction during comment period.

# VISUALIZE 2050 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

**DRAFT 5/09/2024**

	PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Fr	To	Lanes From	Lanes To	Completion Date
96	T3232	835	DP22		Reduce Capacity - bike lanes	Louisiana Avenue NW	Columbus Circle NE/ Mass Ave NE- North Capitol St.	Constitution Avenue NW			4- 5	3 4	2040 2026
97	T13587	31053			Reduce Capacity Bus Lanes	MLK Jr. Ave SE	W Street	Marion Barry Ave			2	1	2024
98	T13593	32442			Reconstruct	MLK Jr. Ave SE	South Capitol St. SE	Upsal St. SE			4	2	2027
99	CE3075 T6014	585	DS6		Reduce Capacity	Maryland Ave. NE	6th St. NE	15 St. NE			4	2	2021 completed
100	T13596	36004			Reduce Capacity	Maryland Ave. NE	Bladensburg Rd. NE	Neal St. NE			4	1	2028
101	T13599	34486			Reduce Capacity	Massachusetts Ave NE	1st Street NE	6th Street NE			4	3	2024
102	T13582	32595			Reduce Capacity Bus Lanes	Minnesota Ave SE bus lanes (southbound) (Phase B)	Nelson Pl SE	Burns St SE			2	1	2023 completed
103	T13581	32593			Reduce Capacity Bus Lanes	Minnesota Ave SE bus lanes (Phase A)	Nelson Pl SE	East Capitol St. SE			2	1	2023 completed
104	T13581	32668			Reduce Capacity Bus Lanes	Minnesota Ave SE bus lanes (Phase A)	L'Enfant Square SE	A St. SE			2	1	2023 completed
105	T3232	31503			Reduce Capacity - bike lanes	Missouri Avenue NW (Eastbound)	17th St NW	16th St NW			2	1	2030
106	T3232	1006	DS30		Reduce Capacity - bike lanes	Mount Olivet Rd NE	Brentwood Parkway	West Virginia Ave 17th Street NE			4	3	2022 2024
107	T3232	1010	DP40		Reduce Capacity - bike lanes	Nebraska Ave NW	New Mexico Ave	Loughboro Road			4	3	2022 2030
108	CE3399	608			Reconstruct	New Jersey Avenue NW 1-way to 2-way	H Street NW	N Street NW					2021 completed
109	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	2040
110	T3232	707 31741			Reduce Capacity	New Jersey Avenue NW	H Street	Louisiana Ave			4	2 3	2021 2024
111	T3212- T3232	7836- 10675	DS42		Reduce Capacity -	Park Place/5th Street NW	Grant Circle	Kenyon St NW	3	3	2	1	2022 completed

NOTE: Shaded areas represent changes from the 2022 Update to Visualize 2045. Blue = removed. Yellow = added or changed.  
Pink = technical correction during comment period.



# VISUALIZE 2050 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

**DRAFT 5/09/2024**

	PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Fr	To	Lanes From	Lanes To	Completion Date
112	CE3447-T6595	712	DS15		Reduce Capacity	Pennsylvania Avenue NW	17th Street	18th Street			6	4	2025
113	CE3447-T6595	713	DS14		Reduce Capacity	Pennsylvania Avenue NW	18th Street	20th Street			5	4	2025
114	CE3447-T6595	714	DS18-DS18A		Reduce Capacity	Pennsylvania Avenue NW	20th Street	26th Street 22nd Street			6	4	2040 2025
115	CE3447	714	DS18		Reduce Capacity	Pennsylvania Avenue NW	20th Street 22nd Street	26th Street			6	4	2040
116	CE3447	715	DS16		Reduce Capacity	Pennsylvania Avenue NW	26th Street	28th Street			5	4	2040
117	CE3447	716	DS17		Reduce Capacity	Pennsylvania Avenue NW	28th Street	29th Street			4	2	2040
118	CE3654-T3232	1009-947	DP36A-DP35		Reduce Capacity - bike lanes	Pennsylvania Ave SE	2nd Street SE	17th Street 14th Street SE	2	2	6	4	2023 completed
119	CE3654	948	DP36		Reduce Capacity - bike lanes	Pennsylvania Ave SE	14th Street SE	Barney Circle			8	6	2024-2023 completed
120	T3232	31949			Reduce Capacity - bike lanes	Potomac Ave SE	18th St SE	19th St SE			2	1	2024
121	T3423	541	DP9A	AW011, AW024A, AW001A, AW025A, CKTB6	Widen	South Capitol Street Corridor: Frederick Douglass Bridge	Independence Avenue (East)	Martin Luther King, Jr. Blvd. (west)	2	2	5	6	2025 2021 completed
122	T5803	542	DP9C		Construct	South Capitol Street Intersection	at Potomac Avenue						2022 completed
123	T6114	609			Reduce Capacity	South Capitol Street	Firth Sterling Ave.	Southern Ave Maryland state line			5	4 5	2022 completed
124	T13586	31051			Reduce Capacity	Southern Ave SE (northbound)	South Capitol St. SE	Barnaby Road SE			2	1	2026

NOTE: Shaded areas represent changes from the 2022 Update to Visualize 2045. Blue = removed. Yellow = added or changed.

Pink = technical correction during comment period.

# VISUALIZE 2050 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

**DRAFT 5/09/2024**

	PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Fr	To	Lanes From	Lanes To	Completion Date
125	T13599	34038			Reduce Capacity	Southern Ave SE	Pennsylvania Ave SE	Benning Road SE			4	2	2024
126	T6038	543	DP9D		Construct	Suitland Parkway interchange	at Martin Luther King, Jr. Boulevard to complete movements						2021 completed
127	T13599	34053			Reduce Capacity	Taylor St. NE	North Capitol St NW	7th Street NE			3	2	2024
128	T3232	31780			Reduce Capacity - bike lanes	Van Buren St NW	Blair Rd NW	3rd St NW			2	1	2025
129	<del>T3212-T3232</del>	<del>7825-11119</del>	DS43		Reduce Capacity -	Virginia Ave NW	Rock Creek and Potomac Pkwy NW	18th St NW	3	3	6	5	2021 completed
130	<del>T3212-T3232</del>	<del>7837-10614</del>	DS44		Reduce Capacity - bike lanes	Warder Street/7th Street NW	Kenyon St NW	New Hampshire Ave NW	4	4	2	1	2022 completed
131	T13599	34050			Reduce Capacity	Western Ave NW	Park Ave	River Road NW			3	2	2024
132	T13599	34051			Reduce Capacity	Western Ave NW	River Road NW	45th Street NW			4	3	2024
133	T13599	34052			Reduce Capacity	Western Ave NW	45th Street NW	Jenifer Street NW			5	4	2024
134	<del>3232-T13578</del>	<del>709-29860</del>	DS19		Reduce Capacity	Wheeler Road SE	Alabama Avenue	Southern Avenue			4	2	<del>2021</del> 2027
135	CE3077	558	DP42B	ED0C2A	Reduce Capacity	C Street (westbound only)	<del>Oklahoma Avenue</del> 16th Street NE	14th Street NE			5 2	3 1	2022 completed
136	CE3077	<del>558-33201</del>	DP42A	ED0C2A	Reduce Capacity	N. Carolina Avenue	14th Street NE	<del>Oklahoma Avenue</del> 16th Street NE			5 4	3 2	2022 completed
137	CE3077	<del>558-33202</del>	DP42	ED0C2A	Reduce Capacity	<del>C Street/N. Carolina Avenue</del>	<del>Oklahoma Avenue</del> 22nd Street NE	<del>14th Street NE</del> 16th Street NE			5	3	2022 completed
138	<del>CE3081</del>	<del>841</del>	DP25		<del>Reduce Capacity - Streetcar</del>	<del>H Street NE/NW</del>	<del>3rd Street NE</del>	<del>New Jersey Ave NW</del>			6	4	2040

NOTE: Shaded areas represent changes from the 2022 Update to Visualize 2045. Blue = removed. Yellow = added or changed.  
Pink = technical correction during comment period.

# VISUALIZE 2050 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

**DRAFT 5/09/2024**

	PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Fr	To	Lanes From	Lanes To	Completion Date
139	3212	11116	DP43A		Reduce Capacity Bus Lanes	H Street NW	Pennsylvania Ave	Connecticut Ave	2	2	4	3	2021 completed
140	3212	11117	DP43B		Reduce Capacity Bus Lanes	H Street NW	Connecticut Ave	Vermont Ave	2	2	4	2	2021 completed
141	3212 T3232	11118	DP43C		Reduce Capacity Bus Lanes	H Street NW	Vermont Ave	15th Street	2	2	4	3	2021 completed
142	3212 T3232	11119	DP43D		Reduce Capacity Bus Lanes	H Street NW	15th Street	14th Street	2	2	3	2	2021 completed
143	T13580	32584	DP43E		Reduce Capacity Bus Lanes	H Street NW	13th Street	9th Street	2	2	6	3	2022 completed
144	T13580	32585	DP43F		Reduce Capacity Bus Lanes	H Street NW	9th Street	6th Street	2	2	6	4	2022 completed
145	T13580	32586	DP43G		Reduce Capacity Bus Lanes	H Street NW	6th Street	5th Street	2	2	6	3	2022 completed
146	T13580	32587	DP43H		Reduce Capacity Bus Lanes	H Street NW	New Jersey Avenue NW	North Capitol St	2	2	6	4	2022 completed
147	T13584	30503			Reduce Capacity	H Street NE	3rd Street NE	Benning Ave NE	2	2	4	2	2024
148	T3232	31823			Reduce Capacity - bike lanes	I St NW	15th St NW	Vermont Ave NW			3	2	2024
149	3212 T3232	11122	DP44C		Reduce Capacity Bus Lanes	I Street NW	17th Street	18th Street	2	2	3	2	2021 completed
150	3212 T3232	11123	DP44D		Reduce Capacity Bus Lanes	I Street NW	19th Street	20th Street	2	2	3	2	2021 completed
151	T3232	31633			Reduce Capacity - bike lanes	K St NE	1st St NE	2nd St NE			4	2	2024
152	CE3652	946	DP34		Reduce Capacity - bike lanes	K Street NW	7th St NW	1st Street NE			4	2	2021 completed
153	CE3081	844	DP26A		Reduce Capacity—Streetcar	K Street NW	New Jersey Avenue NW	7th Street NW			3	2	2040
154	CE3081	845	DP27		Reduce Capacity—Transitway	K Street NW	9th Street NW	12th St NW			4	2	2025

NOTE: Shaded areas represent changes from the 2022 Update to Visualize 2045. Blue = removed. Yellow = added or changed.  
Pink = technical correction during comment period.

# VISUALIZE 2050 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

**DRAFT 5/09/2024**

	PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Fr	To	Lanes From	Lanes To	Completion Date
155	CE3081	846	DP28		Reduce Capacity— Transitway	K Street NW	12th St NW	21st St NW			6	4	2025
156	CE3081	847	DP29		Reduce Capacity— Streetcar	K Street NW	21st Street NW	25th Street NW			4	2	2040
157	CE3081	848	DP30		Reduce Capacity— Streetcar	K Street NW	25th Street NW	29th Street NW			6/4	4	2040
158	CE3081	849	DP31		Reduce Capacity— Streetcar	K Street NW	29th Street NW	Wisconsin Avenue NW			4	2	2040
159	T3232	31599			Reduce Capacity - bike lanes	M St NE	1st St NE	1st St NW			2	1	2026
160	T3232	1005— 31904	DS31		Reduce Capacity - bike lanes	M Street SE	Half St 1st Street SE	11th Street SE			6	5 3	2022-2023 completed
161	T13585	30507			Reduce Capacity Bus Lanes	U Street NW	18th Street	9th Street			4	2	2025
162	T3232	31781			Reduce Capacity - bike lanes	4th St NW	Butternut St NW	Van Buren St NW			2	1	2030
163	T3232	1013 831			Reduce Capacity - bike lanes	9th St NW	Massachusetts Ave	Florida Ave			4	3/2-2	2030-2023 completed
164	T3232	1012	DP39		Reduce Capacity - bike lanes	9th St NW	Constitution Ave	Massachusetts Ave			6/4	4/2	2030 2023 completed
165	T3232	829	DS21		Reduce Capacity - bike lanes	6th Street NW	Constitution Avenue	Massachusetts Avenue			6 peak- 4 offpeak	4 peak - 2 offpeak	2030
166	T3232	830	DS22		Reduce Capacity - bike lanes	6th Street NW	Massachusettes Avenue	Florida Ave NW			4	3	2030
167	T3232	702	DS9		Reduce Capacity	7th Street NW	New York Avenue	N Street			4	2	2021 2016 completed
168	T13599	34040			Reduce Capacity	7th Street NW	Pennsylvania Ave NW	Constitution Avenue NW			6	3	2025

NOTE: Shaded areas represent changes from the 2022 Update to Visualize 2045. Blue = removed. Yellow = added or changed.

Pink = technical correction during comment period.

# VISUALIZE 2050 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

**DRAFT 5/09/2024**

	PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Fr	To	Lanes From	Lanes To	Completion Date
169	T13599	34041			Reduce Capacity	7th Street NW	Constitution Avenue NW	C Street/ Maryland Ave SW			7	4	2025
170	T13599	34042			Reduce Capacity	7th Street NW	C Street/ Maryland Ave SW	G Street SW			6	3	2025
171	T13599	34043			Reduce Capacity	7th Street NW	G Street SW	Maine Ave SW			6	3	2025
172	T13588	31056			Reduce Capacity Bus Lanes	8th Street SE	I Street	L Street			3	2	2024
173	T13588	31057			Reduce Capacity Bus Lanes	8th Street SE	D Street	L Street				1	2024
174	T13588	31058			Reduce Capacity Bus Lanes	8th Street SE	E Street	Pennsylvania Ave				1	2024
175	T13583	30480			Reduce Capacity Bus Lanes	11th St NW	E Street NW	L Street NW			4	2	2024
176	T13583	32645			Reduce Capacity Bus Lanes	11th St NW	Pennsylvania Ave NW	E Street NW			4	2	2024
177	<del>T3242</del> T3232	<del>7820-11123</del>	DS35		Reduce Capacity - bike lanes	15th Street Cycletrack	Pennsylvania Ave NW	East Basin Dr. SW	3	3	4	3	<del>2021</del> 2022 completed
178	T3232	31822			Reduce Capacity - bike lanes	15th St NW	H St NW	I St NW			4	4	2024
179	T6638	839	DP23		Reduce Capacity - Bus Priority	16th Street NW	Arkansas Avenue NW	Columbia Road NW			6	4	2022 completed
180	T6638	840	DP24		Reduce Capacity - Bus Priority	16th Street NW	Columbia Road NW	W Street NW			5	4	2022 completed
181	CE3651 <del>T3242</del>	944	DP32		Reduce Capacity - bike lanes	17th Street NW	New Hampshire Avenue	<del>K St. NW</del> Massachusetts Ave.	3	3	2	1	2021 completed
182	T3232	31534			Reduce Capacity - bike lanes	17th St NE/SE	Benning Rd NW	Potomac Ave SE			2	1	2023 completed
183	T3232	31996			Reduce Capacity - bike lanes	19th St SE	Potomac Ave SE	East Capitol St NE			2	1	2024
184	<del>T3242</del> T3232	<del>7821-11122</del>	DS37		Reduce Capacity - bike lanes	20th St. NW Bike Lanes	G St.	Massachusetts Ave.	4	4	4	2	2022 completed
185	<del>T3242</del> T3232	<del>7827-11118</del>	DS38		Reduce Capacity - bike lanes	21st St. NW	<del>Constitution Ave.</del> C Street NW	<del>Massachusetts Ave.</del> G Street NW			3	2	2021 completed

NOTE: Shaded areas represent changes from the 2022 Update to Visualize 2045. Blue = removed. Yellow = added or changed.  
Pink = technical correction during comment period.

# VISUALIZE 2050 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

**DRAFT 5/09/2024**

	PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Fr	To	Lanes From	Lanes To	Completion Date
<b>MDOT</b>													
		<b>Interstate</b>											
186	T3044	126	MI2Q	MO8391	Construct	I 270 Interchange	at Watkins Mill Road		1	1	8	8	2020 completed
187	<del>T6432</del> T11582 CE1186	125	MI2U1	<del>AW0731</del> AW0754	Construct/Widen	I 270 Toll Lanes	I 270Y on the entire western spur, and on the eastern spur from MD187 north to the main I-270		1	1	4 + 2 HOV	4 + 4 HOT	2025 2030
188	<del>T6432</del> <del>T11582</del> <del>CE1186</del> CE3281	125	MI2U1	<del>AW0731</del> AW0754	<del>Construct/Widen</del> Convert	I 270 Toll Lanes	I 270Y on the entire western spur, and on the eastern spur from MD187 north to the main I-270		1	1	4 + 2 HOV	4 + 2 -4 HOT	2025 2040
189	<del>T6432</del> <del>T11582</del> <del>CE1186</del> CE3281	892	MI2U2	<del>AW0731</del> AW0754	Construct	I 270 Toll Lanes	I 270Y	I 370	1	1	10 + 2 HOV	10 + 4 HOT	2025 2040
190	<del>T6432</del> CE1186 T11583	893	MI2U3	<del>AW0731</del> AW0754	<del>Construct/Widen</del> Study	I 270 Northbound Toll Lanes	I 370	Middlebrook Road	1	1	3 + 1 HOV NB	3 + 2 HOT NB	2030 not coded
191	<del>T6432</del> CE1186 T11583	893	MI2U4	<del>AW0731</del> AW0754	<del>Construct/Widen</del> Study	I 270 Southbound Toll Lanes	Middlebrook Road	I-370	1	1	4 SB	4 + 2 HOT SB	2030 not coded
192	<del>T6432</del> CE1186 T11583	894	MI2U5	<del>AW0731</del> AW0754	<del>Construct/Widen</del> Study	I 270 Northbound Toll Lanes	Middlebrook Road	MD 121	1	1	2 + 1 HOV NB	2 + 2 HOT NB	2030 not coded
193	<del>T6432</del> CE1186 T11583	894	MI2U6	<del>AW0731</del> AW0754	<del>Construct/Widen</del> Study	I 270 Southbound Toll Lanes	MD 121	Middlebrook Road	1	1	3 SB	3 + 2 HOT SB	2030 not coded
194	<del>T6432</del> CE1186 T11583	895	MI2U7	<del>AW0731</del> AW0754	<del>Construct/Widen</del> Study	I 270 Toll Lanes	MD 121	I 70 / US 40	1	1	4	4 + 4 HOT	2030 not coded
195	6444	953	MI2TSB7		Construct	I270 southbound auxiliary lane (innovative congestion management)	MD 28 on-ramp	MD 189 off-ramp	1	1			2021 2024
196	6444	957	MI2TNB2		Construct	I270 northbound auxiliary lane (innovative congestion management)	MD 189 on-ramp	MD 28 off-ramp	1	1			2021 2024

NOTE: Shaded areas represent changes from the 2022 Update to Visualize 2045. Blue = removed. Yellow = added or changed.  
Pink = technical correction during comment period.

# VISUALIZE 2050 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

**DRAFT 5/09/2024**

	PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Fr	To	Lanes From	Lanes To	Completion Date
197	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			2021 2024
198			MI2TNB3		Construct	I270 northbound (innovative congestion management)	Shady Grove Road	I-370 off-ramp	1	1			2019 completed
199			MI2TNB4		Construct	I270 northbound (innovative congestion management)	MD 124 on-ramp	Watkins Mill Road off-ramp	1	1			2019 completed
200			MI2TNB4		Construct	I270 northbound auxiliary lane (innovative congestion management)	Watkins Mill Road on-ramp	Middlebrook Road westbound off-ramp	1	1			2019 completed
201	CE1187	210	MI4		Widen	I 70	Mt. Phillip Road	West of I 270	1	1	4	6	2035
202	CE2250	151	MI4a	FR5801	Reconstruct	I 70	at MD 144FA, Meadow Road, and Old National Pike		1	1	6	6	2022 completed
203	<del>CE1479-T2894</del>	108	MI1P MI1PR	PG3331	Construct	I-95/I-495	at Greenbelt Metro Station		1	1	8	8	2030
204	<del>T6432-T11582-CE3281-CE3863</del>	696	MI1Q	<del>AW0731-AW0754</del>	Construct/Widen	I 495 Toll Lanes	Virginia State line/Potomac River (including American Legion Bridge)	I 270Y - western spur (including access/egress ramps eastward on the Beltway toward MD 187)	1	1	8/10	8/10 + 4 HOT	2025 2035
205	<del>T6432-T11582-CE3281-CE3863</del>	856	MI1R	<del>AW0731-AW0754</del>	Construct/Widen Study	I-495 Toll Lanes	I-270Y - western spur	MD-355	1	1	6	6 + 4 HOT	2025 not coded
206	<del>T6432-CE3281</del>	905	MI1S	<del>AW0731</del>	Study	I-495 Toll Lanes	MD-355	I-95	1	1	8	8 + 4 HOT	not coded
207	<del>T6432-CE3281</del>	906	MI1T	<del>AW0731</del>	Study	I-95 / I-495 Toll Lanes	I-95	Baltimore-Washington Parkway	1	1	8	8 + 4 HOT	not coded
208	<del>T6432-CE1182</del>	907	MI1U	<del>AW0731</del>	Study	I-95 / I-495 Toll Lanes	Baltimore-Washington Parkway	Glenarden Parkway	1	1	8	8 + 4 HOT	not coded
209	<del>T6432-CE1182</del>	908	MI1V	<del>AW0731</del>	Study	I-95 / I-495 Toll Lanes	Glenarden Parkway	MD-202F	1	1	10	10 + 4 HOT	not coded
210	<del>T6432-CE1182</del>	909	MI1W	<del>AW0731</del>	Study	I-95 / I-495 Toll Lanes	MD-202F	Potomac River (not including Wilson Bridge)	1	1	8	8 + 4 HOT	not coded
<b>Primary</b>													
211	T3108	139	MP10A	PG2531	Reconstruct	US 1	College Avenue	MD 193	2	2	4	4	2023 2024

NOTE: Shaded areas represent changes from the 2022 Update to Visualize 2045. Blue = removed. Yellow = added or changed.  
Pink = technical correction during comment period.

# VISUALIZE 2050 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

**DRAFT 5/09/2024**

	PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Fr	To	Lanes From	Lanes To	Completion Date
212	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	2045
213	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	2045
214	<del>T6394</del>	<del>127</del>	<del>MP2C</del>	<del>AT1981</del>	<del>Widen</del>	<del>MD 3 Robert Crain Highway</del>	<del>I595/US 50/US 301</del>	<del>Anne Arundel County Line</del>	<del>2</del>	<del>2</del>	<del>4</del>	<del>6</del>	<del>2035</del>
215	CE1194	212	MP3A	PG9171	Widen	MD 4 Pennsylvania Avenue	I-95/I-495	MD 223	5	5	4	6	2040
216	<del>T3469</del> CE1196	205	MP4F	PG3916	Widen/Upgrade	MD 5 Branch Avenue	US 301 at T.B.	North of I95 /I 495	2	5	4	6	2035
217	CE3567 T6431	914 34276	MP15B	FR1881	Construct/Widen	US 15	MD 26	North of Biggs Ford Road with grade separated interchange at Biggs Ford Road	5	5	4	6	2040
218	CE3566 T6431	915- 34269	MP15A	FR1881	Construct/Widen	US 15	<del>US 340 / South Jefferson Street I-270</del>	MD 26	5	5	4	6	2030
219	<del>CE1197</del>	<del>551</del>			<del>Construct</del>	<del>US 29 Columbia Pike</del>	<del>at Tech Road / Industrial Road</del>		<del>5</del>	<del>5</del>	<del>6</del>	<del>6</del>	<del>2030-2035</del>
220	<del>CE1197</del>	<del>552- 919, 918</del>	<del>MP19A- MP19B- MP19C</del>		<del>Construct</del>	<del>US 29 Columbia Pike Interchange</del>	<del>at Stewart Lane, Greencastle Road, &amp; Blackburn Road</del>		<del>5</del>	<del>5</del>	<del>6</del>	<del>6</del>	<del>2045</del>
221	CE1210	858	FP2B		Widen	MD 85	South of English Muffin Way	Crestwood Drive/Shockley Drive	2	2	2/4	4	2035
222	CE1210	859	FP2C	FR3881	Construct/Widen	MD 85 Buckeystown Pike	Spectrum Drive	North of Grove Road	2	2	4	6	2035
223	T6483	391	FP2A	FR3881	Construct/Widen	MD 85 Buckeystown Pike	Crestwood Drive/Shockley Drive	Spectrum Drive	2	2	4	6	2022 2023 completed
224	CE1190	387	MP14 NRS	PG6191	Reconstruct	MD 202	at Brightseat Road		2	2	6	6	2045
225	<del>T4879- T6524 CE1199</del>	124	MP6D	PG2211	Upgrade	MD 210 Indian Head Highway	I-95/495	MD 228	2	5	6	6	2040
226	T5527	384	MP18		Construct	US 301 Gov. Nice Bridge	Charles County, MD	King George County, VA	2	2	2	4	2023 2025
227	<del>CE1004- CE1619</del>	940	MP8E		<del>Widen</del>	<del>US 301</del>	<del>Harry Nice Bridge</del>	<del>I-595 / US 50</del>	<del>2</del>	<del>5</del>	<del>4/6</del>	<del>6</del>	<del>2045</del>
<b>Secondary</b>													
228	<del>T3476- CE1462</del>	206	MS2F	MO8861	Widen	MD 28 Norbeck Road	MD 97	MD 182	2	2	2	2-4 4	2045
229	T3106	137	MP12C	MO7461	Construct	MD 97 Brookeville Bypass	Gold Mine Road	North of Brookville	0	2	0	2	2021 2025

NOTE: Shaded areas represent changes from the 2022 Update to Visualize 2045. Blue = removed. Yellow = added or changed.

Pink = technical correction during comment period.



# VISUALIZE 2050 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

**DRAFT 5/09/2024**

	PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Fr	To	Lanes From	Lanes To	Completion Date
230	CE2618-T5420	931 <del>33680-35167</del>	NRS	MO2241	Reconstruct-Widen	MD 97	MD 390	MD 192 / Forest Glen Road	2	2	<del>6</del> -7	<del>6</del> /7 8	2030
231	CE1211	392	NRS	MO8521		MD 97 Georgia Avenue Interchange	at MD 28 Norbeck Road		2	2	6	6	2035
232	CE1203	115	MS32		Reconstruct	MD 117 Clopper Road	I270	Metropolitan Grove Road	3	3	4	4	2030
233	CE1203	921	NRS-MS32A		Reconstruct	MD 117 Clopper Road	Metropolitan Grove Road	West of Game Preserve Road	3	3	2	3	2035
234	<del>3057</del> CE1206	118	MS6B	MO632	Widen	MD 124 Woodfield Road	Midcounty Highway	South of Airpark Drive	3	3	2	6	2035
235	<del>3057</del> CE1206	1	MS6D	MO6323	Widen	MD 124 Woodfield Road	North of Fieldcrest Road	Warfield Road	3	3	2	6	2035
236					reduce capacity bus lanes	MD 193 (University Blvd)	Amherst Ave.	Dennis Ave.			6	4	2024
237	CE2253 T13579 T4887	356	MS35	PG6911	Widen	MD 197 Collington Road	MD 450	Kenhill Drive	2	2	2	4	2030 2050
238	CE2261	924	MS36A	FR5491	Construct/Widen	MD 180-	Greenfield Drive-	I-70 (west junction)-	4	4	2	4	2035
239	CE1204	359	MS10B	PG9491	Widen	MD 201 Edmonston Rd. / Old Baltimore Pike	Cherrywood Lane	Ammendale Way	3	3	2/3	4	2045
240	CE1204	965	MS10E	PG9491	Construct/Widen	MD 201 Extended (Cedarhurst Dr.)	Muirkirk Road	US 1	3	3	2	4	2045
241	CE1207	175	MS18D	PG6541	Widen	MD 450 Annapolis Road	Stonybrook Drive	west of MD 3	2	2	2	4	2030 2035
242	T3542	516	same as MC15B	MO3441	Construct	Montrose Parkway	Randolph Road	East of Parklawn Drive	0	2	0	4	2020 2045
<b>Frederick County</b>													
		<b>Secondary</b>											
243		648	MS36C	FR5491	Widen/Upgrade	MD 180 Ballenger Creek Pike	Ballenger Center Drive	Corporate Drive	3	2	2	4	2020 completed
244	CE3594	880	FS3		Expansion	Christopher's Crossing	Walter Martz Road	Thomas Johnson Drive	3	3	0 to 2	4	2020 2024
245	T5494	993	FS3A		Widen/Upgrade	Christopher's Crossing	Whittier Drive	Poole Jones Rd./Walter Martz Rd.	3	3	2	4	2024
246	CE1181	651	FS2a		Widen	Monocacy Boulevard	Schifferstadt Boulevard	Gas House Pike	3	3	2	4	2019 2020 completed

NOTE: Shaded areas represent changes from the 2022 Update to Visualize 2045. Blue = removed. Yellow = added or changed.  
Pink = technical correction during comment period.

# VISUALIZE 2050 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

**DRAFT 5/09/2024**

	PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Fr	To	Lanes From	Lanes To	Completion Date
<b>Montgomery County</b>													
		<b>Secondary</b>											
247	CE1577	199	MC43		Construct	Dorsey Mill Road Bridge over I-270	Century Blvd.	Milestone Center Dr.—Observation Dr.	0	3	0	4	2030 2040
248	T3049	112	MC7A		Widen	Goshen Road South	South of Girard Street	1000 feet north of Warfield Road	3	3	2	4	2030-2040
249	T7503	11221			Widen	Little Seneca Parkway	MD355	Observation Drive	3	3	2	4	2035
250		113	MC12F		Widen	MD 118 Germantown Road Extended	MD 355	M-83 at Watkins Mill Road	2	2	3	4	2020
251	CE1229	161	MC14G		Widen	Middlebrook Road Ext.	MD 355	M-83	2	2	3	4	2045
252	3703	214	MC15B		Construct	Montrose Parkway East	Eastern Limit of MD 355/Montrose Interchange	Veirs Mill Road/Parkland Road Intersection	0	2	0	4	2045
253	T7503	11220			Construct	Extend Observation Drive	Waters Discovery Lane	West Old Baltimore Road	0	3	0	4	2035
254	T7503	11222			Construct	Extend Observation Drive	Little Seneca Parkway	Existing Observation Drive near Stringtown Road	0	3	0	2	2045
255	CE1236	119	MC34		Widen	Snouffer School Road	MD 124 Woodfield Road	Centerway Road	3	3	2	4	2021 completed
		<b>Urban</b>											
256	T5986	423		501116-5	Construct	MD 187 Old Georgetown Road	MD 187 Old Georgetown Road	Nicholson Lane/Tilden Lane			0	6	2030
<b>Prince George's County</b>													
		<b>Secondary</b>											
257	6367	361	PGS3a		Widen	Addison Road	Walker Mill Road	MD 214 Central Avenue	3	3	2	4	2026
258	CE1270	386	PGS5		Construct	Allentown Road Relocated	MD 210 Indian Head Highway	Brinkley Road		3		4	2028
259	CE1320	365	PGS73	PGS73	Widen	Ardwick-Ardmore Road	MD 704	91st Ave.	4	4	2	4	2030
260	CE1272	388	PGS9a		Widen	Bowie Race Track Road	MD 450 Annapolis Road	Clearfield Road	4	4	2	4	2024
261	CE1277	140	PGS16a		Construct	Campus Way North	Lake Arbor Way	South of Lottsford Road	0	4	0	4	2023
262	CE1277	138	PGS16b		Construct	Campus Way North Extended	South of Lottsford Road	Evarts Drive	0	4	0	4	2020
263	CE1279	142	PGS18		Widen	Church Road	Woodmore Road	Central Ave. (MD 214)	4	4	2	4	2028

NOTE: Shaded areas represent changes from the 2022 Update to Visualize 2045. Blue = removed. Yellow = added or changed.  
Pink = technical correction during comment period.

# VISUALIZE 2050 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

**DRAFT 5/09/2024**

	PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Fr	To	Lanes From	Lanes To	Completion Date
264	CE1280	143	PGS20a		Widen	Columbia Park Road	Cabin Branch Road	Columbia Terrace	4	4	2	4	2020
265	CE1288	162	PGS30a		Widen	Good Luck Road	MD 201 Kenilworth Avenue (east of)	Cipriano Road	4	4	2	4	2025
266	3132	163	PGS34B		Widen	Hill Road	Consideration Lane	MD 214 Central Avenue	4	4	2	4	2028
267	T5806	165	PGS38b		Widen	Livingston Road	Piscataway Creek	Farmington Road	4	4	2	4	2025
268	CE1291	417	PGS38a		Widen	Livingston Road	MD 210 Indian Head Highway at Eastover	Kerby Hill Rd.	4	3	2	4	2028
269		213	PGS40a		Widen	Lottsford Road	Archer Lane	MD 193 Enterprise Road	3	3	2	4	2021 completed
270			PGS40b		Reduce Capacity—bike-lanes	Lottsford Road	MD 202 (Landover Rd.)	Largo Dr. West	3	3	6	4	2020
271	CE1295	360	PGP4a		Construct	MD 193 Greenbelt Road	Baltimore-Washington Parkway (ramp-to)		0	5	0	4	2025
272	CE1294	2	PGS42C		Widen	MD 223 Woodyard Road Relocated	Piscataway Creek/Floral Park Road	MD 4/Livingston Road	3	3	2	4	2017
273	CE1295	169	PGS44b		Widen	Metzerott Road	Adelphi Road	MD 193 University Boulevard	4	4	2	4	2020 completed
274	CE1297	173	PGS47		Widen	Oak Grove and Leeland Roads	MD 193 Watkins Park Road	US 301 Robert Crain Highway	4	4	2	4	2028
275	CE1299	649	PGS50		Widen	Old Branch Avenue	MD 223 Piscataway Road (north of)	MD 337 Allentown Road	4	4	2	4	2028
276		369	PGS51a		Widen	Old Gunpowder Road	Powder Mill Road	Greencastle Road	3	3	2	4	2018
277	CE2623	153	PGS55b		Widen	Ritchie-Marlboro Road	White House Road	Old Marlboro Pike	2	2	2	4	2028
278	CE1304	178	PGS58		Widen	Rosaryville Road	US 301	MD 223 Woodyard Road	3	3	2	4	2020
279	CE1309	181	PGS63		Widen	Sunnyside Avenue	US 1	MD 201 Kenilworth Avenue	4	4	2	4	2022
280	t3159	182	PGS64		Widen	Surrats Road	Beverly Ave.	Brandywine Rd	4	4	2	4	2025 Completed 2018
281	CE1314	187	PGS67a		Widen	Van Dusen Road	Contee Road	MD 198 Sandy Springs Road	3	3	2	4	2020
282		188	PGS68		Widen	Virginia Manor Road	Muirkirk Road	Old Gunpowder Road	4	4	2	4	2014 completed
283	CE1316	429	PGS69a		Widen	Walker Mill Road	Silver Hill Road	I-95	3	3	2	4	2028
284	CE2624	154	PGS91		Widen	Westphalia Road	MD 4 Pennsylvania Avenue	Ritchie-Marlboro Road	2	2	2	4	2028

NOTE: Shaded areas represent changes from the 2022 Update to Visualize 2045. Blue = removed. Yellow = added or changed.

Pink = technical correction during comment period.

# VISUALIZE 2050 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

**DRAFT 5/09/2024**

	PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Fr	To	Lanes From	Lanes To	Completion Date
285		436	PGS40b		Construct	Woodmore Road	MD 193 Enterprise Road	Church Road	3	3	2	4	2025
<b>Anne Arundel County</b>													
286			AA14D		Widen	US 50	I-97	MD 2	1	1	6/8	8	2045
287					widen	I-97 HOV lanes	MD 32	US 50/301		2	4	6	2045
288			AA15A		Widen	I-295 with interchange at Hanover Road	I-195	MD 100	1	1	4	6	2035 2045
289			AA3E		Widen	MD 2	US 50	I-695 MD100			4	6	2035-2045
290			AA4E		Widen	MD 3	MD 32 Waugh Chapel Road	MD 424 St. Stevens Church Road	2	2	4	6	2025-2024 Complete
291			AA4F		Widen	MD 3 NB	St. Stevens Church Road	MD 32	2	2	4	5	2030
292					Widen	MD 32 HOV?	I-97	Howard County Line		2	6	8	
293			AA6E		Widen	MD 100	Howard Co. Line I-97	I-97 MD 170		5/1	4	6	2035 2024 Complete
287			AA6E		Widen	MD 100	MD 170	MD 713					
288			AA6EA		Widen	MD 100	MD 713	Howard County Line			4	6	2024 Complete
289			AA36		Widen	MD170	Norcross Ln.	Wieker Road			2	4	2026
290			AA8B		Widen	MD 175	MD 170	295 BW Parkway Reece Road		2	4	6	2025 2045
291			AA8D		Widen	MD 175	Reece Rd	Sellner Rd/Race Rd			4	6	2025
292			AA35		Widen	MD 177	MD 2	Lake Shore Dr.			2	4	2045
293			AA30		Widen	MD 198	MD 32	BW Parkway	2	2	2	4	2030-2035
294			AA37		Widen	MD 214	MD 424	Shoreham Beach Rd.			2	4	2045
295			AA34A		Widen	MD 713	MD 175	MD 176		2	2	4	2040 2045
<b>Carroll County</b>													
298			CA2A		Widen	MD 26	MD 32	Liberty Reservoir			4	6	2035 2050
			CA7		Widen	MD 27	Carroll County Line	Leishear Road			2	4	2040
299			CA4A		widen	MD 32	MD 26	Howard County Line		2	2	5 4	2040
300			CA5		Widen	MD 97	MD 140	Bachmans Valley Rd.		2	2	4 5	2035 2028
301			CA1B		Widen	MD 140	Sullivan Road	Market St.		1	6	8	2035 2050
<b>Howard County</b>													
302			HW1B		Widen	I-70	US 29	MD 32	1	1	4	6	2035
303			HW19		Widen	I-95 Peak period shoulder use	MD 32	MD 100	1	1	4	4+1	2035 2034
304			HW20		Widen	US 1	Howard/PG line	Howard/Balt. Co. line			4	6	2045
305			HW10B		Widen	US 29 NB	Middle Patuxent River	Seneca Dr.		5	4	6	2030
			HW23		Construct	US 29/Brokenland Parkway Interchange & North South Connector Rd.							2025
			HW3e		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 2022 on changed.

NOTE: Shaded areas represent changes from the 2022 Update to Visualize 2045. Blue = removed. Yellow = added or changed.

Pink = technical correction during comment period.

# VISUALIZE 2050 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

**DRAFT 5/09/2024**

	PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Fr	To	Lanes From	Lanes To	Completion Date
			HW3D		Widen	MD 32	I-70	Howard/ Carroll County Line River Rd			2	4	2045
306			HW5F		Widen	MD 100	I-95	AA/Howard Line	1	1	4	6	2035 2045
307			HW6e		Widen	MD 108	Trotter Rd.	Guilford Rd.	2	2	2	4	2035
308			HW7C		Widen	MD 175	Oceano Ave	Howard/AA Col Line			2	4	2045 2040
309			HW8B		Widen	MD 216	High School Access Rd.	Maple Lawn Blvd.		3	2	4	2015 completed
310			HW22		Widen	Marriottsville Road	US 40	MD 99			2	4	2025
311			HW14C		Widen	Snowden River Parkway	Oakland Mills Road	Broken Land Parkway		3	4	6	2023 2030
<b>Calvert-St. Mary's MPO</b>													
314	CE2246	644	MP9B	C-SMMPO	Construct Study	Thomas Johnson Bridge replacement	over the Patuxent River		2	2	2	4	2031 not coded
315			MP9C	C-SMMPO	Widen	MD 4 (in St. Mary's County)	Thomas Johnson Bridge	MD 235	2	2	2	4	2031 2032
316			NRS	C-SMMPO	Construct	MD 4/ MD 235 Interchange	in Lexington Park		2	2	--	--	2028 2032
317			MP9D	C-SMMPO	Widen	MD 4 (in Calvert County)	Thomas Johnson Bridge	Patuxent Point Parkway	2	2	2	4	2031 2034
318			NRS	C-SMMPO	Reconstruct	MD 5 Great Mills Project	MD 471 Indian Bridge Road	MD 246 Great Mills Road			2	2	2026 2030
<b>VDOT</b>													
<b>Federal Lands</b>													
319	CE3061-CE3791	433-32610	FED3A		Construct	Manassas National Battlefield Park Bypass	US 29 West of Centreville Lee Highway at Pageland Lane	East of Gainesville, via 234 Bull Run Drive	0	1	0	4	2040
320	CE3061-CE3791	434-32611	FED3B		Remove/Close	US 29 Lee Highway	Pageland Lane	Bridge over Bull Run Paddington Lane	2	2	2/4	0	2040
321	CE3061-CE3791	435-32612	FED3C		Remove/Close	VA 234 Sudley Road	Southern Park Boundary Battlevue Parkway	Sudley Springs (north of park) Featherbed Lane			2	0	2030 2040
<b>Interstate</b>													

NOTE: Shaded areas represent changes from the 2022 Update to Visualize 2045. Blue = removed. Yellow = added or changed.  
Pink = technical correction during comment period.

# VISUALIZE 2050 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

**DRAFT 5/09/2024**

	PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Fr	To	Lanes From	Lanes To	Completion Date
322	CE1759	399	VI1AJ	81009	Construct	I 66 Vienna Metro Station bus ramp (duplicate project with ConID 759, below)	Transit Ramps- from EB & to WB	'@Vaden Dr.	1	1	0	2	2022 completed
323	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	2022 completed
324	CE3448-T6540	718	VI1Y	105500	Widen / Revise Operations	I-66	I-495	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	2022 completed

NOTE: Shaded areas represent changes from the 2022 Update to Visualize 2045. Blue = removed. Yellow = added or changed.  
Pink = technical correction during comment period.

# VISUALIZE 2050 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

**DRAFT 5/09/2024**

	PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Fr	To	Lanes From	Lanes To	Completion Date
325	CE3448-T6540	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)	2022 completed
326	CE3448-T6540	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	3 general purpose + 2 HOT in each direction	2022 completed
327	CE3448-T6540	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)	2022 completed

NOTE: Shaded areas represent changes from the 2022 Update to Visualize 2045. Blue = removed. Yellow = added or changed.  
Pink = technical correction during comment period.

# VISUALIZE 2050 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

**DRAFT 5/09/2024**

	PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Fr	To	Lanes From	Lanes To	Completion Date
328	CE3448-T6540	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 2024
329	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	2022 completed
330	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
331	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
332	CE3484	788	VI1XB		Construct/Widen	I 66 Eastbound	VA 267 DTR	Washington Blvd. Off-Ramp	1	1	3	4	2040 2020 completed
333	CE3484	789	VI1XC		Construct/Widen	I 66 Eastbound	Washington Blvd. Off-Ramp	North Fairfax Drive	1	1	2	3	2040 2020 completed
334	CE3484	786	VI1XD		Construct/Widen	I 66 Westbound	Sycamore Street	Washington Blvd. On-Ramp	1	1	2	3	2040 2020 completed
335	CE3448-T6540	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 completed

NOTE: Shaded areas represent changes from the 2022 Update to Visualize 2045. Blue = removed. Yellow = added or changed.  
Pink = technical correction during comment period.



# VISUALIZE 2050 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

**DRAFT 5/09/2024**

	PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Fr	To	Lanes From	Lanes To	Completion Date
336	EE3448-T6540	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 completed
337	EE3448-T6540	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 completed
338	EE3448-T6540	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 completed
339	EE3448-T6540	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 completed
340	EE3448-T6540	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	@Vaden Dr.	1	1		Bus / HOV-3 / HOT from proposed Express Lanes	2022 completed
341	EE3448-T6540	983	I66R43		Remove	I-66 ramp	remove existing EB on-ramp from Saintsbury Dr. at Vaden Dr.						2022 completed
342	EE3448-T6540	762	V11YA		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 completed
343	EE3448-T6540	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 completed
344	EE3448-T6540	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 completed
345	EE3448-T6540	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 2024
346	EE3448-T6540	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 2024

NOTE: Shaded areas represent changes from the 2022 Update to Visualize 2045. Blue = removed. Yellow = added or changed.  
Pink = technical correction during comment period.

# VISUALIZE 2050 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

**DRAFT 5/09/2024**

	PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Fr	To	Lanes From	Lanes To	Completion Date
347	EE3448-T6540	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 completed
348	EE3448-T6540	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 completed
349	EE3448-T6540	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 completed
350	EE3448-T6540	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 completed
351	EE3448-T6540	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 completed
352	EE3448-T6540	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 completed
353	EE3448-T6540	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 completed
354	EE3448-T6540	916	I66R61		Construct	I-66 Express Lanes Interchange ramps	SB HOV to WB Expr	Route 28 Interchange	0	1	0	1	2040 2024
355	EE3448-T6540	917	I66R45		Construct	I-66 flyover ramp	EB general purpose to EB Express Lanes	.65 miles east of VA Bus 234	0	1	0	1	2022 completed
356	EE3448-T6540	920	I66R46		Construct	I-66 flyover ramp	WB Express Lanes to WB general purpose	.65 miles east of VA Bus 234	0	1	0	1	2022 completed
357	EE3448-T6540	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 completed

NOTE: Shaded areas represent changes from the 2022 Update to Visualize 2045. Blue = removed. Yellow = added or changed.  
Pink = technical correction during comment period.

# VISUALIZE 2050 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

**DRAFT 5/09/2024**

	PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Fr	To	Lanes From	Lanes To	Completion Date
358	CE3448-T6540	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 2024
359	CE3448-T6540	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 2024
360	CE3448-T6540	781	I66R5 I66R6		Construct	I-66 Express Lanes Interchange Ramps	EB on-ramp, WB off-ramp to/from I-66 Express lanes	@ University Boulevard .75 mile east of US 29	0	1	0	1	2022 completed
361	CE3448-T6540	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 2024
362	CE3448-T6540	785	VSP49C		Construct	I-66 Express Lanes Access Connector Road	Heathcote Boulevard Extension	John Marshall Highway (VA 55)	0	1	0	1	2040 2024
363	CE2147	270	VI2AC		Reconstruct	I-95 Interchange	VA 613 Van Dorn Street		1	1			2030
364	CE3556				Construct	I-95 HOT lanes ramp	.25 miles south of Russell Road (Exit 148)	Russell Road	0	1	0	1	2022 2023 completed
365	CE2667	378	BRAC	BRAC0005	Construct	I 95 NB Off Ramp at Newington	I-95 NB	Fairfax County Parkway NB	1	1	0	1	2020 completed
366	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 2023 completed
367		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 completed
368		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 completed
369	T6682	969	VI2X		Construct	I-95 Auxiliary Lane SB	VA 123	VA 294	1	1	0	1	2022 2023 completed
370	CE3697-T11510	1011	VI2R48		Construct	I-95 Opitz Drive Reversible Ramp	I-95 Express Lanes at Opitz Drive	Opitz Drive	1	1	0	1	2022 2024
371	CE3811	28920			Widen/Revise Operations	I 95 Express Lanes- bi-directional operation	Turkeycock Run I-95/Springfield Interchange	Opitz Blvd.	1	1	reversible	bi-directional : 3 lanes peak direction, 2 lanes off-peak direction	2030

NOTE: Shaded areas represent changes from the 2022 Update to Visualize 2045. Blue = removed. Yellow = added or changed. Pink = technical correction during comment period.

# VISUALIZE 2050 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

**DRAFT 5/09/2024**

	PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Fr	To	Lanes From	Lanes To	Completion Date
372	CE3811	38801			Widen/Revise Operations	I 95 Express Lanes- new northbound and southbound access ramps to serve bi-directional operation			1	1			2030
373	CE3814	24840 28929			Construct	I-95/I-495 Express Lanes I-95/I-495 Southside Express Lanes (SEL)	Springfield Interchange East of Springfield Interchange	East of MD 210	1	1	varies	+2 express in each direction	2031
374	CE3814	24840 28929			Construct	I 95/I 495 Express Lanes access ramps	Van Dorn St., US 1, I-295, and MD 210		1	1			2031
375	CE3813	28925			Revise Operations	I 95 Express Lanes- truck access	I-95/Springfield Interchange Turkeycock Run	I-95/Route 17 Exit	1	1			2030
376	CE3812	28921			Revise Operations	I 495 Express Lanes- truck access	I-95/I-395 Interchange	American Legion Bridge	1	1			2030
377	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
378	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
379	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
380	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
381	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

NOTE: Shaded areas represent changes from the 2022 Update to Visualize 2045. Blue = removed. Yellow = added or changed.  
Pink = technical correction during comment period.

# VISUALIZE 2050 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

**DRAFT 5/09/2024**

	PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Fr	To	Lanes From	Lanes To	Completion Date
382	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
383	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
384	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
385	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	2025
386	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	2035
387	CE2069-T11577	999	VI4IRMP1		Construct	I-495 Express Lanes On-Ramp	Dulles Connector Road WB	I-495 Express Lanes NB	0	1	0	1	2025 2026
388	CE2069-T11577	1001	VI4IRMP2		Construct	I-495 NB Exchange Ramp	I-495 NB GP Lanes at Dulles Toll Road	I-495 NB Express Lanes	0	1	0	1	2045 2026
389	CE2069-T11577	1002	VI4IRMP3		Construct	I-495 SB Exchange Ramp	I-495 SB GP Express Lanes at Dulles Toll Road	I-495 SB GP Lanes	0	1	0	1	2045 2026
390	CE2069-T11577	40	VI4K		Construct	I 495 Capital Beltway HOT Lanes	American Legion Bridge	George Washington Parkway (south of)	1	1	8	8+4	2025 2026
391	CE2069-T11577	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 2026
392	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	2035 2013 completed
393	CE3186	519	VI4IRMP6		Construct	I 495 Capital Beltway Interchange (Phase IV)	Provide SB HOT to EB HOV	at VA 267 Dulles Toll Road	1	1			2035 2013 completed
394	CE3186	519	VI4IRMP5		Construct	I 495 Capital Beltway Interchange (Phase IV)	Provide EB DTR to NB HOT	at VA 267 Dulles Toll Road	1	1			2025 2013 completed

NOTE: Shaded areas represent changes from the 2022 Update to Visualize 2045. Blue = removed. Yellow = added or changed.  
Pink = technical correction during comment period.

# VISUALIZE 2050 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

**DRAFT 5/09/2024**

	PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Fr	To	Lanes From	Lanes To	Completion Date
395	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	2045 2013 completed
396	CE3186	520	VI4IRMP7		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	2045 2013 completed
397	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	2035 2013 completed
398	CE3680	991	VP21G		Widen	Dulles Greenway - eastbound only	Toll Plaza	Dulles Toll Road	1	1	2	3	2019 completed
399	CE3838	38420			Study	Dulles Toll Road Cleveland Ramp	SB I-495 off ramp 19A	Scotts Run Crossing	1	1	1/2	2/3	not coded
400	CE3671	970	VP15F		Widen	VA 267 Dulles Toll Road - eastbound only	Dulles Greenway	Centreville Rd. off-ramp	1	1	4	5	2019 completed
401	CE3152	534	VP15E		Construct	VA 267 Dulles Toll Road Ramp	New Boone Boulevard Extension at Ashgrove		0	1	0	2	2037 2040
402	CE3153	535	VP15B		Construct	VA 267 Dulles Toll Road Ramp	Greensboro Drive @ Tyco Road		0	1	0	2	2036 2040
403	CE1965	236	MW1	MW1	Widen	Dulles Airport Access Road	Dulles Airport	VA 423 I-495 Capital Beltway	1	1	4	6	2030 2040
<b>Primary</b>													
404	CE3291	549	VP1AH	90339	Widen	US 1 Richmond Highway	Fuller Road	Stafford County Line	2	2	4	6	2040
405	CE2594-T6692	631	VP1AD	90339	Widen	US 1 Fraley Blvd. (Town of Dumfries)	Brady's Hill Road	VA 234 Dumfries Road	2	2	4	6	2025 2030
406	CE2594	632	VP1ADA		Widen	US 1 Richmond Highway	VA 234 Dumfries Road	Cardinal Drive/Neabsco Road	2	2	4	6	2030 2050
407	CE3180	85	VP1AG		Widen	US 1 Richmond Highway	Annapolis Way	Pohick Road Telegraph Rd.	2	2	4	6	2035 2045
408	CE1942 T6443	322	VP1U		Widen	US 1 Richmond Highway	Mt. Vernon Memorial Highway	VA 626 Sherwood Hall Ln	2	2	4	6	2028
409	CE3173	84	VP1AF	104303	Widen	US 1 Richmond Highway	Featherstone Road	Mary's Way	2	2	4	6	2022
410	CE2161-T6310	239	VP1P	94102	Widen	US 1 Richmond Highway	Mary's Way	Annapolis Way	2	2	4	6	2019 completed
411	CE2161	634	VSP63	100938	Construct	Belmont Bay Drive Extension	US 1	Heron's View Way			0	4	2025 2022 completed
412	CE3331-T6618	653	VP2P	111666	Construct	VA 7 Interchange	At VA 690		2	2	0	4	2025 2027

NOTE: Shaded areas represent changes from the 2022 Update to Visualize 2045. Blue = removed. Yellow = added or changed.  
Pink = technical correction during comment period.

# VISUALIZE 2050 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

DRAFT 5/09/2024

	PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Fr	To	Lanes From	Lanes To	Completion Date
413	CE3733		VP2JB		Widen	VA 7	VA 9	West Market St.	2	5	5	6	2030
414	CE1870	86	VP2JA	16006	Widen	VA 7 Bypass	VA 7 West Dulles Greenway	US 15 South King Street South VA7/US15 interchange	5	1	4	6	2040
415	CE1870	299	VP2J	16006	Widen	VA 7 Bypass	US 15 South King Street	VA7/US 15 East	5	1 5	4	6	2040 2030
416	CE2105 T6539	221	VP2M		Widen	VA 7	Reston Avenue	Jarrett Valley Dr.	2	2	4	6	2024 completed
417	CE2105	628	VP2Lb		Widen	VA 7 Leesburg Pike	VA 123 Chain Bridge Road	I495 Capital Beltway	2	2	6	8	2030-2035
418	CE3164	87	VP2N		Widen	VA 7 Leesburg Pike	I495	I66	2	2	4	6	2030
419	CE2175	347	VP2B	TBD	Widen	VA 7	Seven Corners	Bailey's Crossroads	2	2	4	6	2030-2040
420	CE3792	36461			Construct	VA 7 Seven Corners Ring Road	West side of interchange on Route 50	East side of interchange on Route 50			0	4	2045
421	CE3162		VP4EA		Widen	US 15 James Madison Highway Overpass	US29 Lee Highway	Haymarket Dr	3	3	2	4	2040
422	CE3162		VP4EC		Widen	US 15 James Madison Highway Overpass	1200' S of RR tracks	1000' N. of RR tracks	3	3	2	4	2030 2038
423	CE3738-CE3608	881	VP4G-VP4GA		Widen	US 15	Battlefield Parkway	Montresor Road Whites Ferry Road	2	2	2	4	2026- 2027
424	CE3738-CE3608	881-27163	VP4G VP4GB		Widen	US 15	Battlefield Parkway Whites Ferry Road	Montresor Road	2	2	2	4	2026- 2029
425	CE2045	88	VP6H		Widen	VA 28	Fauquier County Line	VA 652 Fitzwater Drive	3	3	2	4	2040 2045
426	CE2045	309	VP6KA	105198	Widen	VA 28	VA 652 Fitzwater Drive	VA 215 Vint Hill Road	3	3	2	4	2019 completed
427	CE2045 T12001	326	VP6MA	96721	Widen	VA 28 Nokesville Road	Godwin Drive	Manassas City limits	3	2	4	6	2019 completed
428	CE2045	89	VP6K	105428	Widen	VA 28 Nokesville Road	Manassas City limits	VA 619 Linton Hall Road	3	3	4	6	2022 completed
429	CE1734	1037	VP6EDD		Convert	VA 28 PPTA Phase II - HOV	I-66	Westfields Blvd	5	5	8+2 aux 2 HOV	6+2 aux 2 HOV	2040

NOTE: Shaded areas represent changes from the 2022 Update to Visualize 2045. Blue = removed. Yellow = added or changed.

Pink = technical correction during comment period.

# VISUALIZE 2050 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

**DRAFT 5/09/2024**

	PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Fr	To	Lanes From	Lanes To	Completion Date
430	CE1734	873	VP6EDE		Convert	VA 28 PPTA Phase II - HOV	Westfields Blvd	Dulles Toll Road	5	5	8	6+ 2 HOV	2040
431	CE1734	794	VP6EAA		Widen	VA 28 PPTA Phase II	I 66	Westfields Blvd	5	5	6	8+ 2 aux	2021 completed
432	CE1734		VP6EAB		Widen	VA 28 PPTA Phase II	Westfields	US 50	5	5	6	8	2025-2023 completed
433	CE1734		VP6EBB		Widen	VA 28 PPTA Phase II	US 50	Sterling Blvd.	5	5	6	8	2016 completed
434	CE1734	310	VP6ECC	106651	Widen	VA 28 PPTA Phase II	Sterling Blvd.	VA 7	5	5	6	8	2025 2023 completed
435	<del>CE3479</del> T6450	737	VP6N	108720	Widen	VA 28 Centreville Road	US 29	Prince William County Line	2	2	4	6	2023 completed
436	CE1865	995	VP6O		Construct	VA 28 Manassas Bypass	VA 234 Sudley Road	VA 28 Centreville Road in the vicinity of Bull Run	0	5	0	4	2025- 2029
437	CE3383	730		105482	Study	VA 28	US 29	Liberia Avenue					Not Coded
438	CE1956	620	VP7s		Widen	US 29 (add NB lane)	I-66-US 55 (John Marshall Highway)	Entrance to Conway Robinson MSF- Pageland Lane	3	2	4	5 6	2030 2048
439	CE1933	349	VP7AA		Widen	US 29	ECL City of Fairfax (vic. Nutley St.)	Espana Court	2	2	4	6	2040
440	CE1933	625	VP7AB		Widen	US 29	Espana Court	I-495 Capital Beltway	2	2	4	6	2040
441	CE3474 T6604	731	VP7T		Widen	US 29 Lee Highway	VA 659 Union Mill Road	Buckleys Gate Drive	2	2	4	6	2024 2027
442	CE2182	319	VP8H		Widen	US 50	ECL City of Fairfax	Arlington County Line	2	2	4	6	2035 2040
4423	CE3739	2500	VP25		Construct	US 50 North Collector Road / Tall Cedars Parkway Extension	Tall Cedars Parkway	VA 28/ Air and Space Museum	0	2	0	4	2029 2033
444	CE3694	997	VP16		Widen	VA 55	Route 29	Fayette St.			2	4	2028
445	CE1723 CE2161	245	VP10G	100938	Widen	VA 123	US 1	Annapolis Way Occoquan River	2	2	4	6	2025 2045
446	CE1784	235	VP10H		Widen	VA 123 Ox Road	Hees Rd- Weatherly Way	Fairfax Co. Parkway	2	2	4	6	2030-2045
447	CE1784	337	VP10F	1784	Widen	VA 123 Ox Road	Fairfax Co. Parkway	Burke Center Parkway	2	2	4	6	2030

NOTE: Shaded areas represent changes from the 2022 Update to Visualize 2045. Blue = removed. Yellow = added or changed.

Pink = technical correction during comment period.



# VISUALIZE 2050 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

**DRAFT 5/09/2024**

	PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Fr	To	Lanes From	Lanes To	Completion Date
448	CE1856	300	VP10R		Widen	VA 123	Burke Center Parkway	Braddock Road	2	2	4	6	2030
449	CE3159	95	VP10S		Widen	VA 123	VA 677 Old Courthouse Road	VA 7 Leesburg Pike			4	6	2030 2040
450	CE3376	595	VP10T		Widen	VA 123 Chain Bridge Road	VA 7 Leesburg Pike	I 495 Capital Beltway	2	2	6	8	2030 2040
451	CE3698	1015	VP10U		Widen	VA 123	VA 267 Dulles Access Road	VA 634 Great Falls Street	2	2	4	6	2030 2040
452	CE3371	590	VP24B		Widen	VA 215 Vint Hill Road	Kettle Run Drive	VA 1566 Sudley Manor Drive	4	4	2	4	2020 completed
453	CE3641-T6617	934			Widen	VA 234 Sudley Road	Grant Road	Godwin Drive	2	2	2	3	2021 2025
454	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
455	CE3177	678		105420/F-143-T20906	Construct	VA 234 Bypass Interchange	Balls Ford Road Relocated						2022 completed
456	CE3178	660		T5665	Construct	VA 234 Bypass Interchange	Dumfries Road/Brentsville Road						2024
457	CE1760	311	VP13A		Widen	VA 236	Pickett Road	I-395	2	2	4	6	2035
458	CE2106-CE3843	96 30872	VSF25ea	57167	Widen	VA 286 Fairfax County Parkway	Sunrise Valley	Rugby Road	5	5	4	6	2035 2045
459	CE2106-T6520	320-30083	VSF25GC		Widen	VA 286 Fairfax County Parkway	US 29	VA 123 Ox Road Nomes Ct.	5	5	4	6	2030 2027
460	CE2106-T13567	320-29720	VSF25GB		Widen	VA 286 Fairfax County Parkway	VA 123 Ox Road Nomes Ct.	VA 123 Ox Road	5	5	4	6	2030 2028
461	CE3841	30685	VSF25GA		Widen	VA 286 Fairfax County Parkway	VA 123	Sydenstricker Road	5	5	4	6	2040 2045
462	CE2718	408	VSP23d		Widen	VA 294 Prince William County Parkway	VA 776 Liberia Avenue	VA 642 Hoadly Road	2	2	4	6	2040

NOTE: Shaded areas represent changes from the 2022 Update to Visualize 2045. Blue = removed. Yellow = added or changed.  
Pink = technical correction during comment period.

# VISUALIZE 2050 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

**DRAFT 5/09/2024**

	PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Fr	To	Lanes From	Lanes To	Completion Date
463	CE3151-CE3154	106 1033	VP15CD		Construct	Collector-Distributor Rd Westbound (parallels Dulles Toll Rd.)	Route 7 Leesburg Pike	VA 828 Wiehle Avenue	0		0	+1	2037
464	CE3154	107	VP15CDE		Construct	Collector-Distributor Rd Eastbound (parallels Dulles Toll Rd.)	VA 828 Wiehle Avenue	Route 7 Leesburg Pike	0		0	+1	2036
465	CE3154-CE3151	1033	VP15CD2		Construct	Collector-Distributor Rd Westbound (parallels Dulles Toll Rd.)	Route 7 Leesburg Pike	Spring Hill Rd.			0	+2	2035 2040
466	CE3151	1032	VP15CDE2		Construct	Collector-Distributor Rd Eastbound (parallels Dulles Toll Rd.)	Spring Hill Rd.	Route 7 Leesburg Pike			0	+2	2035 2040
<b>Urban</b>													
467	CE2139	313	VU28B	100518	Construct	Battlefield Parkway	US 15 south of Leesburg	Dulles Greenway	0	2	0	4	2020 completed
468	CE3222	52	VU30F	50100-5100	Widen/Reconstruct	East Elden Street	Monroe Street	Fairfax County Parkway	3	2	4	6	2026 2029
469	CE1783	328	VU52	77378	Widen	Eisenhower Avenue	Mill Road	Holland Lane	3	3	4	6	2023 completed
470	CE3851	34662			Construct Study	Euclid Avenue	current terminus	Centreville Rd.			0	2	2040 not coded
471	CE3286	681	VU56		Construct	Farrington Avenue	Van Dorn Street at Eisenhower Avenue	Edsall Road	0	4	0	2	2034
472	CE3858				Construct	South Street (Fairfax City)	University Dr.	Chain Bridge Rd.	0	4	0	2	2029
473	CE1952-T6537	267-25140	VU10B		Widen/Reconstruct	Spring Street	Herndon Parkway (East)/Spring Street	Fairfax County Parkway Interchange	3	2	4	6	2024
474	CE2073-T6203	232	VU33	102895	Widen	Sycolin Road	VA7/US 15 Bypass	SCL of Leesburg	4	4	2	4	2027 2021 completed
<b>Secondary</b>													
<b>Arlington County</b>													
475	CE2830	411	AR17a		Widen	Washington Boulevard	Wilson	Kirkwood	3	3	3	4	2022 completed
476	CE3677	987	AR30		Convert to 2-way	27th Street South	US-1	Crystal Drive	4	4	4	4	2019 completed
477	CE3678	988	AR31		Demolish	South Clark Street	12th Street South	20th Street South	4	0	2	0	2019 completed
478	CE3826	29341			Convert to 2-way	North Fort Myer Dr.	North Nash St.	North Fairfax Drive					2031
479	CE3847	31420			Reduce Capacity	Potomac Ave	South Glebe Road	Arlington /Alexandria Line	4	4	4	3	2028

NOTE: Shaded areas represent changes from the 2022 Update to Visualize 2045. Blue = removed. Yellow = added or changed.  
Pink = technical correction during comment period.

# VISUALIZE 2050 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

**DRAFT 5/09/2024**

	PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Fr	To	Lanes From	Lanes To	Completion Date
		<b>Fairfax County</b>											
480	CE1849	336	FFX2a		Widen	VA 602 Reston Pkwy.	VA 5320 Sunrise Valley Dr. South Lakes Dr.	VA 5320 Sunrise Valley Dr. Dulles Toll Rd.	3	3	4	6	2040 2045
481	CE1849		FFX2ab		Widen	VA 602 Reston Pkwy.	VA 5320 Sunrise Valley Dr. Dulles Toll Rd.	Sunset Hills Road	3	3	4	6	2000 completed
482	CE1849	4041	FFX2b		Widen	VA 602 Reston Pkwy.	New Dominion Parkway	VA 606 Baron Cameron Avenue	3	3	4	6	2040
483	CE3475	732	VSF44		Widen	VA 608 Frying Pan Road	VA 28 Sulley Road	VA 657 Centreville Road	3	3	2	4	2030 2045
484	CE2186	218	VSF4ca	218	Widen	VA 611 Telegraph Road	Leaf Road North	VA 635 Hayfield Road	3	3	2	4	2040 2045
485	CE2186	298	VSF4i	298	Widen	VA 611 Telegraph Road	VA 635 Hayfield Road	VA 613 (Van Dorn St.) Kings Highway	3	3	2	4	2040 2045
486	CE2186	62	VSF4h	11012	Widen	VA 611 Telegraph Road	VA 613 S. Van Dorn	VA 644 Franconia Road	3	3	2	3	2040 2045
487	CE3275	63	VSF15b		Construct	VA 613 Van Dorn Interchange	VA 644 Franconia Road		0	0	0	0	2035
488	CE2158	301	VSF8g		Widen	VA 620 Braddock Road	VA 286 Fairfax County Parkway	VA 123 Ox Road	3	3	4	6	2040 2045
489	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
490	CE3478	736	VSF45		Widen	VA 636 Hooes Road	VA 286 Fairfax County Parkway	VA 600 Silverbrook Road	3	3	2	4	2025 2035
491	CE1936 T6247	302	VSF10a		Widen	VA 638 Rolling Road	Viola St.	VA 644 Old Keene Mill Road	3	3	2	4	2026
492	CE3301	586-31368	VSF10E	102905	Widen	VA 638 Rolling Road	Rt 5297 DeLong Drive	Virginia Dr.	3	3	2	4	2035 2045
493	CE1859	217	FFX11a		Widen	VA 645 Stringfellow Road	US 50	VA 286 Fairfax County Parkway	3	3	2	4	2040
494	CE3156	64	VSF37a		Widen	VA 650 Gallows Road	VA 7 Leesburg Pike	VA 699 Prosperity Ave.	2	2	4	6	2038
495	CE2833	65	VSF33a Study		Widen	VA 651 Guinea Road	VA 6197 Roberts Parkway	VA 4807 Pommeroy Drive	3	3	2	4	2040 not coded
496	CE1748	255	FFX12a		Construct	VA 651 New Guinea Road	VA 123 Ox Road	Roberts Road	0	3	0	4	2040
497	CE3442	688	VSF17b		Construct	VA 655 Shirley Gate Road	VA 286 Fairfax County Parkway	VA 620 Braddock Road	0	3	0	4	2030 2028

NOTE: Shaded areas represent changes from the 2022 Update to Visualize 2045. Blue = removed. Yellow = added or changed.  
Pink = technical correction during comment period.

# VISUALIZE 2050 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

**DRAFT 5/09/2024**

	PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Fr	To	Lanes From	Lanes To	Completion Date
498	CE1939	346	VSF18C	74749	Widen	VA 657 Centreville Road	VA 8390 Metrotech Dr.	VA 668 McLearen Road	3	3	4-2	6 4	2040 2009 completed
499	CE3150	66	VSF42		Construct	Boone Boulevard Extension	VA 123 Chain Bridge Road	Ashgrove Lane			0	4	2036 2045
500	CE3832	29880	VSF46	724	Construct	Fairbrook Drive	Herndon Parkway	Spring Street	0	4	0	4	2035
501	CE3460	724	VSF46	724	Construct	VA 2677 Frontier Drive	Franconia-Springfield Transportation Center	VA 789 Loisdale Road	0	4	0	4	2030 2032
502	CE3155	69	NRS		Construct	Greensboro Drive WB	Spring Hill Road	Tyco Road	0	4	0	2	2034
503	CE3158	68	VSF43		Widen	Magarity Road	VA 7 Leesburg Pike	VA 694 Great Falls Street			2	4	2037
504	CE3609-T6665	882	VSF48		Construct	Davis Dr. Bridge Rock Hill Road Overpass	VA 5320 (Sunrise Valley Dr.)	VA 209 (Innovation Avenue)	0	4	0	4	2030 2032
505	CE3792				Construct	Seven Corners Ring Road	US 50 west of VA 7	VA 7 East of US 50	0		0	4	2045
506	CE3450 T6583	722	VSF49	112479	Construct	Soapstone Drive 4-Lane Overpass	Sunrise Valley Drive	Sunset Hills Road	0	4	0	4	2027 2034
507	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
508	CE3060	442	VSF41	103907	Construct/Widen	VA 8102 Scotts Crossing Rd	VA 123 Dolly Madison Blvd	Jones Branch Dr			0/2	4	2018 completed
<b>Loudoun County</b>													
509		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 completed
510	CE3845				Widen	VA 606 Sterling Rd. Old Ox Road	Shaw Rd.	Rock Hill Road	3	3	4	6	2045
511		566	VSL10E		Widen	VA 607 Loudoun County Parkway	US 50	VA 606 at new Arcola Blvd.	3	3	4	6	2030
512		275	VSL10bb		Widen/Upgrade	VA 607 Loudoun County Parkway	W&OD Trail	Redskin Park Drive	4	3	4	6	2025
513	CE3736-CE3315	2493	VSL10F		Widen	VA 607 Loudoun County Parkway	Shellhorn Road	Ryan Road	3	3	4	6	2022 2023 completed

NOTE: Shaded areas represent changes from the 2022 Update to Visualize 2045. Blue = removed. Yellow = added or changed.  
Pink = technical correction during comment period.

# VISUALIZE 2050 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

**DRAFT 5/09/2024**

	PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Fr	To	Lanes From	Lanes To	Completion Date
514	CE3604	890	VSL2C		Widen	VA 620 Braddock Rd	VA 659	Fairfax County Line	3	3	2	4	2025 2030
515	CE3605	889	VSL2D		Widen	VA 620 Braddock Rd	VA 659	Royal Hunter Drive	4	4	2	4	2025
516	CE3312	580	VSL62A		Widen/Construct	Arcola Mills Dr. (formerly VA 621 Evergreen Mills Road) (Western Segment)	VA 842 Arcola Boulevard Stone Springs Blvd.	VA 659 Belmont Ridge Road Loudoun County Parkway	4	4	2	4	2025 2050
517	CE2209 T6346	335	VSL45		Study Widen	VA 643 Sycolin Road	Leesburg Town Limits Loudoun Center Place	Crosstrails Boulevard	3	3	2	4	not coded 2030
518	CE3502	827	VSL65		Construct	VA 643 Shellhorn Extended	VA 606 Loudoun County Parkway	VA 634 Moran Road	0	4	0	4	2023 2027
519	CE3499-T6659	825	VSL64		Construct	VA 645 Westwind Drive Extended	VA 607 Loudoun County Parkway	VA 606 Old Ox Rd.	0	4	0	4	2026
520	CE3734-CE3607	883	VSL66		Widen	Croson Ln	Claiborne Parkway	Mooreview Pkwy	4	4	2	4	2025 2027
521	CE1897	72	VSL4ac	76244 & 99481	Widen	VA 659 Belmont Ridge Road	VA 7 Leesburg Pike	VA 267 Dulles Greenway	4	3	2	4	2018 completed
522	CE1897	746	VSL4AD		Widen/Upgrade	VA 659 Belmont Ridge Road	VA 645 Croson Lane Truro Parish Dr.	VA 267 Dulles Greenway	4	3	2	4	2017 completed
523	CE1897		VSL4AE		Widen/Upgrade	VA 659 Belmont Ridge Road	VA 645 Croson Lane	VA 645 Croson Lane Truro Parish Dr.	4	3	2	4	2023 2024
524	CE1897	2523	VSL4G		Widen	VA 659 Belmont Ridge Road	Arcola Mills Drive	Shreveport Drive			2	4	2028 2020 completed
525	CE1818	297	VSL4f		Widen	VA 659 Gum Spring Rd.	Prince William County Line	VA 620 Braddock Road	4	4	2	4	2035 2022 completed
526	CE3306-CE3307-CE3308	573 574-575	VSL61		Construct	VA 842 Arcola Boulevard (Southern Segment)	US 50	VA 607 Loudoun County Parkway Arcola Mills Dr.	0	4	0	4	2022 2024
527	CE3067	76	VSL40F	102858	Construct	VA 901 Claiborne Parkway	VA 645 Croson Lane	VA 772 Ryan Road	0	4	0	4	2019 completed
528	CE3309	576	VSL63		Construct	VA 774 Creighton Road (completion of eastern end)	Northstar Boulevard	VA 621 Evergreen Mills Road	0	4	0	4	2020 completed

NOTE: Shaded areas represent changes from the 2022 Update to Visualize 2045. Blue = removed. Yellow = added or changed.  
Pink = technical correction during comment period.

# VISUALIZE 2050 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

**DRAFT 5/09/2024**

	PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Fr	To	Lanes From	Lanes To	Completion Date
529	CE3735	2491	VSL56A		Construct	Crosstrail Boulevard	VA 625 Sycolin Road	Dulles Greenway	0	4	4	4	2026 2028
530	CE3313 & CE3314	564 & 565	VSL67A		Construct	Dulles West Blvd. Phase I & Phase II	Loudoun County Parkway	Arcola Blvd	0	4	0	4	2022 Complete
531	<del>CE2582-T6602</del>	<del>1031-1013</del>	VSL67B		Construct	Dulles West Blvd. Phase III	Arcola Blvd	Northstar Dr.	0	4	0	4	2025 2027
532	CE3320	30947			Construct	Lockridge Road West	Prentice Dr.	Waxpool Road	0	4	0	4	2030
533	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 completed
534	<del>CE3318-T6634</del>	570	VP12R	106994	Construct	VA 3171 Northstar Boulevard (Missing Link #79)	Evergreen Mills Rd (formerly Shreveport Drive)	US 50	0	3	0	4	2022 2025
535	<del>CE3737-T12002</del>	2495	VP12S		Construct	Northstar Boulevard	Tall Cedars Parkway	Braddock Road	0	3	0	4	2028
536	CE3320	572	VSL59		Construct	Prentice Drive (Western Segment)	VA 607 Loudoun County Parkway	Loudoun Station Drive	0	4	0	4	2026 2030
537	CE3321	556	<del>VSL59-VSL59A</del>		Construct	Prentice Drive (Eastern Segment)	VA 789 Lockridge Road	VA 607 Loudoun County Parkway	0	4	0	4	2026 2031
538	<del>CE3501-T6662</del>	826	VSL48B		Construct	Riverside Parkway	VA 607 Loudoun County Parkway	Ashburn Village Boulevard Extension	0	4	0	4	2022 completed
539	CE3324	559	VSL49B		Construct	Russell Branch Parkway (Western Segment)	VA 659 Belmont Ridge Road	Tournament Parkway	0	4	0	4	2024 2050
540	CE3329	562	VSL60	105783	Construct	<del>Williamson Blvd Sterling Blvd</del>	VA 1036 Pacific Boulevard	VA 634 Moran Road	0	4	0	4	2025
541	CE3332	555		87106	Widen	VA 2119 Waxpool Road	VA 2070 Demott Road	VA 2020 Ashburn Village Boulevard	4	4	2	4	2018 completed
<b>Prince William County</b>													
542	CE3187	82	VSP2i	92999	Widen	VA 619 Fuller Road	US 1	VA 619 Fuller Heights Road Relocated			2	4	2025

NOTE: Shaded areas represent changes from the 2022 Update to Visualize 2045. Blue = removed. Yellow = added or changed. Pink = technical correction during comment period.

# VISUALIZE 2050 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

**DRAFT 5/09/2024**

	PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Fr	To	Lanes From	Lanes To	Completion Date
543	CE3693	996	VSP3D		Widen	VA 621 Devlin Road	Linton Hall Road	Wellington Road			2	4	2028
544	<del>CE2357-T6623</del>	79	VSP3b	80347	Widen/Upgrade	VA 621 Balls Ford Road	Sudley Rd	Doane Drive	4	3	2	4	2022 2023 completed
545	<del>CE2357-T6623</del>	690	VSP64			VA 621 Balls Ford Road Relocated	Doane Drive	Devlin Road	0	3	0	4	2022 2023 completed
546	CE3372	591	VSP66		Construct	VA 627 Van Buren Road	VA 234 Dumfries Road	VA 610 Cardinal Drive	0	4	0	4	2040
547	<del>CE3374-T6541</del>	593	VSP65	107947	Widen	VA 638 Neabsco Mills Road	US 1 Jefferson Davis Highway	Smoke Ct.	3	3	2	4	2023
548		376	VSP5e	103484	Widen	VA 640 Minnieville Road	VA 643 Spriggs Road	VA 234 Dumfries Road	3	3	2	4	2018 completed
549	CE3695	998	VSP17C		Widen	VA 674 Wellington Road	University Boulevard	VA 621 Devlin Road/Balls Ford Road	3	3	2	4	2028
550	CE2145	<del>646 581</del>	VSP17ba		Widen	VA 674 Wellington Road	VA 621 Devlin Road/Balls Ford Road	VA 234 Prince William Parkway Bypass	3	3	2	4	2025 2045
551	CE2145	<del>338 589</del>	VSP17b		Widen	VA 674 Wellington Road	VA 234 Bypass Prince William Parkway	VA 668 Rixlew Lane	3	3	2	<del>4</del> 6	2035 2045
552	CE1754	308	VSP18	VSP18	Widen	VA 676 Catharpin Rd.	VA 55 John Marshall Highway	Heathcote Blvd.	3	3	2	4	2020 2040
553	T13568	35060			Construct	Connor Dr.	Euclid Ave.	Manassas Drive / Railroad Drive	0	4	4	2	2030
554	CE3754	3520			Study	HOV lanes on Dale Blvd/PW Pkwy/Minnieville Rd	Dale Blvd / PW Pkwy / Minnieville Rd						not coded
555	CE3789	32563			Reduce Capacity - bike lanes	Graham Park Road	Old Triangle Road	Purvis Dr.	4	4	4	2	2030
556	CE2876	4123	VU14B		Widen	Liberia Avenue	VA 28	Richmond Avenue			4	6	2025-2027
557	<del>CE1985</del>	<del>401</del>	<del>NRS</del>		Construct	<del>McGraws Corner Dr. / Thoroughfare Rd.</del>	<del>US 29 Lee Highway @ Virginia Oaks Dr.</del>	<del>US 15 @ Thoroughfare Dr.</del>	<del>0</del>	<del>4</del>	<del>0</del>	<del>4</del>	<del>2040</del>
558	CE3308	32540			Widen	VA 704 Pageland Road	VA 234 Sudley Road	US 29			2	4	2045
559	CE2008	325	VSP20C		Widen/Upgrade	VA 1392 Rippon Boulevard Extension	West of Wigeon Way	Rippon VRE Station	4	3	2	4	2030
560	CE3293	642	VSP62a		Construct	Rollins Ford Road	Wellington Road	Linton Hall Road	0	3	0	4	2040
561	CE1921	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 2027

NOTE: Shaded areas represent changes from the 2022 Update to Visualize 2045. Blue = removed. Yellow = added or changed.  
Pink = technical correction during comment period.

# VISUALIZE 2050 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

**DRAFT 5/09/2024**

	PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Fr	To	Lanes From	Lanes To	Completion Date
562	CE1837-CE1921	257	VSP25c		Widen	VA 1781 Telegraph Rd.	VA 294 (Prince William Pkwy)	Horner Road Park-n-Ride Lot Access-Caton Hall Rd.	4	4	2	4	2025 2027
563	T11635	83	VSP47e		Construct Widen	University Boulevard	Sudley Manor Drive	Wellington Rd/Progress Ct. Edmonston Dr.	0	3	2	4	2035 2024
564	CE3292	83	VSP47ea		Construct Widen	University Boulevard	Sudley Manor Drive Edmonston Dr.	Wellington Rd/Progress Ct. Devlin Road	0	3	0 2	4	2035
565	CE3810	37168	VSP47f		Construct	University Boulevard	Devlin Road	Wellington Road	0	3	0	4	2035
566	CE2176	904			Construct	Williamson Blvd	Sudley Manor Drive	Portsmouth Road			0	4	2030
<b>FAMPO</b>													
567			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 completed
568			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 completed
569			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 completed
570			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 completed
572					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 completed
573					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 completed
574					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 completed
575			VI2RFD		Construct	I 95 : HOV / Bus / HOT Lanes: Ramp	At Courthouse Rd.	NB AM on-ramp	1	1	0	1	2022 completed
576			VI2RFE		Construct	I 95 : HOV / Bus / HOT Lanes: Ramp	at Courthouse Rd.	SB PM off-ramp	1	1	0	1	2022 completed
577			FAI1F		Widen	I-95 northbound and southbound	Exit 126 (US 1/VA17)	Exit 130 (VA 3 Plank Rd.)	1	1	3	4	2035
578			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
579			FAI1H		Widen	I-95 northbound-	Exit 133 (VA 17 Warrenton Rd.)	Exit 136 (Centerport Parkway)	1	1	3	4	2045
580			FAI1HA		Construct	I-95 4th auxiliary lane	Exit 133 (VA 17 Warrenton Rd.)	Exit 136 (Centerport Parkway)	1	1	X	X+1	2045
581			FAI1J		Widen	I-95 southbound	Exit 130	Exit 126 (US 1/VA17)	1	1	3	4	2035
582			FAI1K		Construct	I-95 southbound	1.3 miles south of Exit 130	.3 miles north of Truslow Rd	1	1	x	x+3cd	2025
583			FAS22A		Widen	VA-3 (William St)	Gateway Blvd.	William St./Blue Gray Parkway			4	6	2030
584			FAS22		Widen	VA 3 (Spotsylvania)	Chewing Lane	VA 627 (Gordon Rd.)	2	2	4	6	2013 completed
585			FAP6E		Widen	Tidewater Trail 17 Business/VA 2 US	Beulah Salisbury Dr. Mayfield Ave.	US 17 Bypass (Mills Dr.)	2	2	2	4	2035
587			FAP6C		Widen	US 17 (Warrenton Rd.)	McLane Drive	Stafford Lakes Parkway	2	2	4	6	2020 completed
587			FAP6		Widen	US 17	US 1	Hospital Blvd.	2	2		4	2025
588			FAP7A		Widen	VA 218 (Butler Rd.)	Carter St.	Castle Rock Dr.	4	4	2	4	2045
588			FAS27		Widen	VA 638 (Landsdowne Rd.)	Shannon Dr.	Tidewater Trail	3	3	2	4	2050
<b>Fredericksburg</b>													

NOTE: Shaded areas represent changes from the 2022 Update to Visualize 2045. Blue = removed. Yellow = added or changed.  
Pink = technical correction during comment period.



# VISUALIZE 2050 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

**DRAFT 5/09/2024**

	PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Fr	To	Lanes From	Lanes To	Completion Date
589			FAU4		Construct	Carl D. Silver Pkwy Ext.	current terminus	Gordon Rd. west of Shelton Blvd.			0	4	2035
590			FAU1			Fall Hill Ave./ Mary Washington Blvd. Extension	Mary Wash. Blvd.	Gordon Shelton Blvd.			2	4	2020 completed
591			FAU3			Lafayette Blvd.	City Limit US 1	VA-3 (Blue & Gray Parkway)				4	2045
592			FAU2			Gateway Blvd. Extended	William St. (PR-3)	Fall Hill Ave (UR-3965)			0	4	2035 2038
<b>Stafford County Secondary</b>													
594			FAS5b			VA 630 (Courthouse Rd)	Austin Ridge Dr.	VA 648 (Shelton Shop Rd)	4	4	2	4	2035
595			FAS13			VA 648 (Shelton Shop Rd.)	VA 610 (Garrisonville Rd)	VA 627 (Mountainview Rd)	4	4	2	4	2035
596			FAS3E		Widen	Garrisonville Rd.	Eustace Rd.	Shelton Shop Rd.			4	6	2045
<b>Spotsylvania County Secondary</b>													
597			FAS26A			VA 606	US 1	I-95				4	2025
598			FAS18B			VA-620 (Harrison Rd.)	US-1 BUS (Lafayette Blvd.)	VA-639 (Salem Church Rd.)			2	4	2035
599			FAS19			VA 636 (Mine Rd./ Hood Dr.)	VA 208 (Courthouse Rd.)	US 1	4	4	2	4	2025
600			FAS19B			VA 636 (Mine Rd./ Hood Dr.)	Falcon Dr. / Spotsylvania Ave VA Healthcare Center Hood Dr. Entrance	Landsdowne Rd	4	4		4	2035
600			FAS28		Widen	VA 674 (Chancellor Rd. Ext.)	Old Plank Rd./ Chancellor Rd.	VA 3			2	4	2050

NOTE: Shaded areas represent changes from the 2022 Update to Visualize 2045. Blue = removed. Yellow = added or changed.  
Pink = technical correction during comment period.

TPB R2-2022  
July 21, 2021

**NATIONAL CAPITAL REGION TRANSPORTATION PLANNING BOARD**  
**777 North Capitol Street, N.E.**  
**Washington, D.C. 20002**

**RESOLUTION ON INCLUSION OF PROJECT SUBMISSIONS IN THE  
AIR QUALITY CONFORMITY ANALYSIS FOR THE  
CONSTRAINED ELEMENT FOR THE MARYLAND PORTION OF THE UPDATE TO VISUALIZE  
2045 AND THE FY 2023-2026 TRANSPORTATION IMPROVEMENT PROGRAM (TIP)**

**WHEREAS**, the National Capital Region Transportation Planning Board (TPB), as the federally designated metropolitan planning organization (MPO) for the Washington metropolitan area, has the responsibility under the provisions of Fixing America's Surface Transportation (FAST) Act for developing and carrying out a continuing, cooperative and comprehensive transportation planning process for the metropolitan area; and

**WHEREAS**, the federal metropolitan planning regulations (23 CFR.450) assign TPB the responsibility to cooperatively develop the long-range metropolitan transportation plan (LRTP) and transportation improvement program (TIP) specified in Sections 450.324 and 450.326; and

**WHEREAS**, the TIP is required by the Federal Transit Administration (FTA) and the Federal Highway Administration (FHWA) as a basis and condition for all federal funding assistance to state, local and regional agencies for transportation improvements within the metropolitan Washington, D.C. planning area; and

**WHEREAS**, the Statewide and Metropolitan Transportation Planning rule as published in the May 27, 2016 Federal Register by the FTA and FHWA requires that the LRTP and the TIP be reviewed and updated at least every four years; and

**WHEREAS**, federal conformity regulations, originally published by the Environmental Protection Agency in the November 24, 1993 Federal Register and with latest amendments published in April 2012, based on the federal Clean Air Act (CAA Section 176(c)), require that the metropolitan transportation plan, program and projects in metropolitan areas not in attainment of national ambient air quality standards, demonstrate conformity to the area's state implementation plan; and

**WHEREAS**, federal conformity regulations require that the conformity analysis of the plan, program and projects be reviewed and updated at least every four years; and

**WHEREAS**, on October 17, 2018, the TPB adopted resolution R4-2019 determining that the Visualize 2045 Plan and FY 2019-2024 TIP conform with the requirements of the Clean Air Act Amendments of 1990, resolution R5-2019 approving the Visualize 2045 Plan, and resolution R6-2019 approving the FY 2019-2024 TIP, and the Visualize 2045 Plan and FY 2019-2024 TIP were approved by the FTA and FHWA on December 13, 2018; and

**WHEREAS**, on March 18, 2020, the TPB adopted Resolution R14-2020 determining that the FY 2021-2024 TIP and the 2020 Amendment to the Visualize 2045 Plan conform with the requirements of the Clean Air Act Amendments of 1990, resolution R15-2020 approving the Visualize 2045 Plan, the FY 2019-2024 TIP; and

**WHEREAS**, the TPB has to complete its four year review and update of the plan, program, and projects along with the conformity analysis and receive federal approval by December 2022, therefore the TPB issued the Technical Inputs Solicitation Submission Guide, approved an update schedule with final plan approval anticipated in June 2022, and asked for inputs and updates to develop the FY 2023-2026 TIP and the updated Visualize 2045 Plan on December 16, 2020; and

**WHEREAS**, on April 2, 2021, the inputs to the Air Quality Conformity Analysis for the update to Visualize 2045 and the FY 2023-2026 TIP and the Air Quality Conformity Analysis Scope of Work were released for a 30-day public comment period and inter-agency review; and

**WHEREAS**, the submitted inputs for the update to the Visualize 2045 Plan and the FY 2023-2026 TIP and the Air Quality Conformity Analysis Scope of Work have been reviewed by the Technical Committee at its meetings on March 5, 2021; April 2, 2021; and June 4, 2021; and

**WHEREAS**, the TPB was briefed on the submissions for the update to the Visualize 2045 Plan and the FY 2023-2026 TIP at its April and May 2021 meetings and two board work sessions were conducted to provide a facilitated review of those inputs; and

**WHEREAS**, the project submissions for the update to the Visualize 2045 Plan and the FY 2023-2026 TIP have been developed to meet the financial constraint requirements in the Metropolitan Planning Rules and show the consistency of the proposed projects with already available and projected sources of transportation revenues; and

**WHEREAS**, the TPB and its member jurisdictions are committed to mitigating climate change through actions to achieve climate goals established by COG and the local government plans; and

**WHEREAS**, the TPB is undertaking a Climate Change Mitigation Study which is expected to identify actions that can be taken to reduce the transportation sector's greenhouse gas emissions and to be complete by the end of 2021; and

**WHEREAS**, on June 16, 2021, the TPB approved (R19-2021) the Air Quality Conformity Analysis Scope of Work, the project submissions of the TPB member agencies for inclusion in the Air Quality Conformity Analysis for the proposed FY 2023-2026 TIP and update to the Visualize 2045 Plan, and the draft Round 9.2 Cooperative Forecasts of employment, population and households developed by COG's Planning Director's Technical Advisory Committee for use in the Air Quality Conformity Analysis; and

**WHEREAS**, the TPB, upon completion of its 2022 update of Visualize 2045, will initiate an interim update to the Long-Range Transportation Plan with a target completion date of 2024, and the interim update will include the consideration of multiple build scenarios and an analysis of each scenario's impact on the region's adopted goals and targets, including

reduction of greenhouse gas emissions, and will be based on the concept of ‘zero-based budgeting’ where all projects, including those currently included in the Plan, must be resubmitted for consideration in such Plan, provided that projects currently under construction or currently funded with federal, state, regional, local or private funds shall be exempt from such requirement; and

**WHEREAS**, the project submissions approved on June 16, 2021 by the TPB excluded the Maryland I-270/I-495 HOT Lanes project while approving the remaining Maryland transit and highway projects listed in Attachment A; and

**WHEREAS**, on June 21, 2021, the Maryland Department of Transportation (MDOT) notified the TPB that the package of projects submitted was supported by a financial plan, and the TPB’s June 16, 2021 action to exclude the I-270/I-495 HOT Lanes project removed the private revenues that supported that project, thus disrupting the fiscal constraint for the projects MDOT has submitted and as a result, MDOT would need to remove additional projects (transit and/or highway) projects to reestablish the fiscal constraint for its project submission; and

**WHEREAS**, since the June 21, 2021 MDOT notification of the unintended consequences of the June 16, 2021 action to exclude the I-270/I-495 HOT Lanes project from conformity inputs, which also affected other projects that MDOT was funding on account of the receipt of private funding, many TPB member jurisdictions from Maryland have expressed an interest to amend the Maryland project input list by restoring the I-270/I-495 HOT Lanes project and the private sector revenues associated with the project; and

**WHEREAS**, since the June 16, 2021 TPB action to exclude the I-270/I-495 HOT Lanes project from the conformity inputs, a number TPB member jurisdictions from Virginia have articulated the significant adverse impact this action will have on the performance outcomes from Virginia projects and the mobility/accessibility improvements it anticipated from the I-270/I-495 HOT lanes project, and have expressed an interest to amend the Maryland project input list by restoring the I-270/I-495 HOT Lanes project and the private sector revenues associated with the project; and

**WHEREAS**, MDOT notes that it substantially changed the scope of the I-270/I-495 HOT Lanes project as part of this round of conformity analysis by downgrading the proposed construction of HOT lanes on I-495 from the I-270 Spur to Woodrow Wilson Bridge so as to better coordinate this proposal with the local jurisdictions and notes that MDOT remains committed to work with all TPB member jurisdictions to better understand and address any outstanding concerns they may have with the current recommended preferred alternative (Phase 1 North and South); and

**WHEREAS**, MDOT is proposing to deliver Phase 1 of the I-270/I-495 HOT Lanes project fully with private funding through a public-private partnership (P3); and

**WHEREAS**, MDOT and Montgomery County are committed to deliver transit improvements through establishing and maintaining a collaborative, coordinated effort for developing the transit improvements during the predevelopment work of the Phase 1 P3 Agreement.

**NOW, THEREFORE, BE IT RESOLVED THAT:** the National Capital Region Transportation Planning Board amends the projects to be included in the air quality conformity analysis for the proposed 2022 Update to Visualize 2045 by adding Maryland's construction of the American Legion Bridge I-270 To I-70 Relief Plan - Phase 1 of the Traffic Relief Plan:

- Phase 1 South, starting in the vicinity of the George Washington Parkway in Virginia including the American Legion Bridge, provides two HOT lanes in each direction from I-495 to I-270 and then I-270 from I-495 to I-370, with an anticipated completion by 2025;
- Phase 1 North, a related part of the project that is in Pre-NEPA, constructs two HOT Lanes in each direction on I-270 from I-370 to I-70, with an anticipated completion by 2030; and

**NOW, THEREFORE, BE IT FURTHER RESOLVED THAT:**

1. MDOT, in accordance with commitments made at the Maryland Board of Public Works (BPW), will:
  - a. Identify additional transit investments that will be fully developed through ongoing coordination with the affected counties;
  - b. After financial close of the Phase 1 South Section P3 Agreement, MDOT will commit to fund not less than \$60 million from the Development Rights Fee for design and permitting of high priority transit investments in the Montgomery County, such as Phase I of the Corridor Cities Transitway, Bus Rapid Transit in the MD 355 Corridor, or other high priority projects. MDOT will work collaboratively with Montgomery County to develop plans for construction, final delivery, and operation, funded through ongoing toll revenue;
  - c. As Part of Phase 1 South, MDOT will commit to provide not less than \$300 million of additional transit investment funding inclusive of the phase developer's proposed transit investment to implement high priority transit projects in Montgomery County. The funds will be provided over the operating term of Phase 1 South within a schedule developed through collaboration on a plan for the construction, final delivery, and operations of the project(s) in conjunction with the managed lane development and financing;
  - d. Additionally, as mitigation and as part of Phase 1 South highway improvements, MDOT will construct new bus bays at Shady Grove Station; increase parking capacity at the Westfield Montgomery Park and Ride; provide the necessary bus fleet; and construct and equip the Metropolitan Grove Bus Operations and Maintenance Facility. These resources should be provided for use early in the construction period to support expanded local transit operations for the long term. MDOT will brief the TPB on these plans prior to TPB adoption of the updated Visualize 2045 Plan in 2022; and

- e. Additional and appropriately scaled transit investments will be made by MDOT for Phase 1 North to fulfill its commitment to complete major transit improvements concurrent with all sections of Phase 1. MDOT shall seek concurrence with the affected counties on these transit investments and will report to and brief TPB on these investments prior to TBP adoption of the inputs for the next Long Range Transportation Plan and air quality conformity analysis update expected in 2024.
2. Only after this collaboration and completion of a Final Environmental Impact Statement and Record of Decision for a build alternative, would MDOT seek BPW approval of the Section Agreement for Phase 1 South or Phase 1 North.

**As revised and adopted by the Transportation Planning Board at its regular meeting on July 21, 2021**

**ATTACHMENT A (R2-2022)**

7/15/2021

## 2022 Update to VISUALIZE 2045 AIR QUALITY CONFORMITY NETWORK INPUTS (Maryland transit)

	ConID	Scenario	Improvement	Facility	From	To	Projected Complete	PIT Project ID
<b>MDOT/MTA</b>								
15	617	MARCFRQ	Implement	Brunswick Line Service Improvements			2029	CE3427
16	618	MARCFRQ	Implement	Camden Line Service Improvements			2029	CE3427
17	481	CCTBRT	Construct	Corridor Cities BRT	Shady Grove	Comsat	2035	CE1649
18	619	MARCFRQ	Implement	Penn Line Service Improvements			2029	CE3427
19	479	PURPLE	Construct	Purple Line Transitway	Bethesda	New Carrollton	2023	2795
20	480	SSTCTR	Construct	Silver Spring Transit Center	Phase II		2017 complete	
<b>Montgomery County</b>								
21	669		Study	Countywide BRT	various corridors		Not Coded	
22		RANDBRT	Implement	Randolph Road BRT	US 29	MD 355	2040	CE3662
23	5062	NBETHBRT	Implement	North Bethesda Transitway BRT	Montgomery Mall Transit Center	White Flint	2030	CE3663
24		MD355BRT	Implement	MD 355 BRT	MD 410 East-West Highway	Clarksburg Rd.	2030	CE3424
25		VEIRSBRT	Implement	Veirs Mill Road BRT	MD 355 Rockville Pike	MD 97 Georgia Ave.	2025	CE3103
26	982	NHBRT	Implement	New Hampshire Ave. BRT	Colesville Park and Ride	Takoma Metro Station	2045	CE3672
27		29BRT	Implement	US 29 BRT	Burtonsville	Silver Spring Transit Center	2020 Complete	CE3423
28	483	MCT7	Construct	Olney Transit Center	adjacent to or north of MD 108		2045	CE1249
29	487	TIGERVEIR	Construct	Veirs Mill Road Bus Enhancement	Rockville	Wheaton	2021	CE1253

NOTE: Orange shading shows TRP projects that may be added back (rows 145-151 and 167-168).

ATTACHMENT A (R2-2022)

2022 Update to VISUALIZE 2045 AIR QUALITY CONFORMITY NETWORK INPUTS

(Maryland highway)

								Facility		Lanes		
	PIT Project ID	Con ID	Project ID	Improvement	Facility	From	To	Fr	To	Fr	To	Completion Date
MDOT												
Interstate												
144		126	MI2Q	Construct	I 270 Interchange	at Watkins Mill Road		1	1	8	8	2020
145	6432 CE1186 Phase 1 South	125	MI2U1	Construct/ Widen	I 270 Toll Lanes	I 495	I 270Y on the entire western spur, and on the eastern spur from MD187 north to the main I-270	1	1	4 + 2 HOV	4 + 4 HOT	2025
146	6432 CE1186 Phase 1 South	892	MI2U2	Construct/ Widen	I 270 Toll Lanes	I 270Y	I 370	1	1	10 + 2 HOV	10 + 4 HOT	2025
147	6432 CE1186 Phase 1 North	893	MI2U3	Construct/ Widen	I 270 Northbound Toll Lanes	I 370	Middlebrook Road	1	1	3 + 1 HOV NB	3 + 2 HOT NB	2030
148	6432 CE1186 Phase 1 North	893	MI2U4	Construct/ Widen	I 270 Southbound Toll Lanes	Middlebrook Road	I-370	1	1	4 SB	4 + 2 HOT SB	2030
149	6432 CE1186 Phase 1 North	894	MI2U5	Construct/ Widen	I 270 Northbound Toll Lanes	Middlebrook Road	MD 121	1	1	2 + 1 HOV NB	2 + 2 HOT NB	2030
150	6432 CE1186 Phase 1 North	894	MI2U6	Construct/ Widen	I 270 Southbound Toll Lanes	MD 121	Middlebrook Road	1	1	3 SB	3 + 2 HOT SB	2030
151	6432 CE1186 Phase 1 North	895	MI2U7	Construct/ Widen	I 270 Toll Lanes	MD 121	I 70 / US 40	1	1	4	4 + 4 HOT	2030
152	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

NOTE: Orange shading shows TRP projects that may be added back (rows 145-151 and 167-168).



ATTACHMENT A (R2-2022)

2022 Update to VISUALIZE 2045 AIR QUALITY CONFORMITY NETWORK INPUTS

(Maryland highway)

								Facility		Lanes		
	PIT Project ID	Con ID	Project ID	Improvement	Facility	From	To	Fr	To	Fr	To	Completion Date
153	6444	953	MI2TSB7	Construct	I270 southbound auxiliary lane (innovative congestion management)	Md 28 on-ramp	MD 189 off-ramp	1	1			2021
154	6444	954	MI2TSB8	Construct	I270 southbound (innovative congestion management)	MD 189 on-ramp	Montrose Road off-ramp	1	1			2019 complete
155	6444	955	MI2TSB12	Construct	I270 southbound (innovative congestion management)	North of Montrose Road	Democracy Boulevard	1	1			2019 complete
156	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
157	6444	957	MI2TNB2	Construct	I270 northbound auxiliary lane (innovative congestion management)	MD 189 on-ramp	MD 28 off-ramp	1	1			2021
158	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			2021
159			MI2TNB3	Construct	I270 northbound (innovative congestion management)	Shady Grove Road	I-370 off-ramp	1	1			2019
160			MI2TNB4	Construct	I270 northbound (innovative congestion management)	MD 124 on-ramp	Watkins Mill Road off-ramp	1	1			2019
161			MI2TNB4	Construct	I270 northbound auxiliary lane (innovative congestion management)	Watkins Mill Road on-ramp	Middlebrook Road westbound off-ramp	1	1			2019
162	6444	962	MI2TNB5	Construct	I270 northbound (innovative congestion management)	MD 121	Comus Road Bridge	1	1			2021 complete
163		210	MI4	Widen	I 70	Mt. Phillip Road	West of I 270	1	1	4	6	2035
164	CE2250	151	MI4a	Reconstruct	I 70	at MD 144FA, Meadow Road, and Old National Pike		1	1	6	6	2022
165				Study	I-295 Toll Lanes- planning study	US 50	I-95 (in Baltimore)					Not Coded
166	CE1479	108	MI1P MI1PR	Construct	I-95/I-495	at Greenbelt Metro Station		1	1	8	8	2030
167	6432 CE3281 Phase 1 South	696	MI1Q	Construct/ Widen	I 495 Toll Lanes	Virginia State line/Potomac River (including American Legion Bridge)	I 270Y - western spur	1	1	8/10	8/10 + 4 HOT	2025
168	6432 CE3281 Phase 1 South	856	MI1R	Construct/ Widen	I 495 Toll Lanes	I 270Y - western spur	MD 355	1	1	6	6 + 4 HOT	2025
169	6432 CE3281	905	MI1S	Study	I 495 Toll Lanes	MD 355	I 95	1	1	8	8 + 4 HOT	not coded

NOTE: Orange shading shows TRP projects that may be added back (rows 145-151 and 167-168).

ATTACHMENT A (R2-2022)

2022 Update to VISUALIZE 2045 AIR QUALITY CONFORMITY NETWORK INPUTS

(Maryland highway)

								Facility		Lanes		
	PIT Project ID	Con ID	Project ID	Improvement	Facility	From	To	Fr	To	Fr	To	Completion Date
170	6432 CE3281	906	MI1T	Study	I 95 / I 495 Toll Lanes	I 95	Baltimore Washington Parkway	1	1	8	8 + 4 HOT	not coded
171	CE1182	907	MI1U	Study	I 95 / I 495 Toll Lanes	Baltimore Washington Parkway	Glenarden Parkway	1	1	8	8 + 4 HOT	not coded
172	CE1182	908	MI1V	Study	I 95 / I 495 Toll Lanes	Glenarden Parkway	MD 202F	1	1	10	10 + 4 HOT	not coded
173	CE1182	909	MI1W	Study	I 95 / I 495 Toll Lanes	MD 202F	Potomac River (not including Wilson Bridge)	1	1	8	8 + 4 HOT	not coded
Primary												
174	3108	139	MP10A	Reconstruct	US 1	College Avenue	MD 193	2	2	4	4	2023
175	CE1202	935 936	NRS	Reconstruct	US 1	MD 193	I 95 / I 495	2	2	4	4	2035
176	CE1200	370	MP9	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	2045
177	CE1200	913	NRS	Construct	MD 2 / MD 4 Interchange	at Stoakley Road/Hospital Drive and at MD 765A (south junction)		2	5	4	6	2045
178	CE2246	645	NRS	Reconstruct	MD 4 Interchange	at MD 235		2	2	2	4	2031
179		127	MP2C	Widen	MD 3 Robert Crain Highway	I595/US 50/US 301	Anne Arundel County Line	2	2	4	6	2035
180	CE1194	355	NRS	Construct	MD 4	at Westphalia Road		2	5	4	6	2040
181	3547	393	NRS	Construct	MD 4 Pennsylvania Avenue	at Suitland Parkway		5	5	4	4	2020
182	CE1194	933	NRS	Construct	MD 4 Interchange	at Dower House Road		5	5	4	6	2040
183	CE1194	212	MP3A	Widen	MD 4 Pennsylvania Avenue	I-95/I-495	MD 223	5	5	4	6	2040
184	CE1196 3469	440	NRS	Construct	MD 5	at Earnshaw/Burch Hill Roads		2	5	4	6	2035
185	3469 CE1196	205	MP4F	Widen/Upgrade	MD 5 Branch Avenue	US 301 at T.B.	North of I95 /I 495	2	5	4	6	2035
186		354	NRS	Construct	MD 5	at MD 373 and Brandywine Road		2	5	4	6	2019

NOTE: Orange shading shows TRP projects that may be added back (rows 145-151 and 167-168).

ATTACHMENT A (R2-2022)

2022 Update to VISUALIZE 2045 AIR QUALITY CONFORMITY NETWORK INPUTS

(Maryland highway)

								Facility		Lanes		
	PIT Project ID	Con ID	Project ID	Improvement	Facility	From	To	Fr	To	Fr	To	Completion Date
187	3469 CE1196	441	NRS	Construct	MD 5 Branch Avenue	at Surratts Road		2	5	4	6	2035
188	CE3567	914	MP15B	Construct/Widen	US 15	MD 26	North of Biggs Ford Road	5	5	4	6	2040
189	CE3566	915	MP15A	Construct/Widen	US 15	US 340 / South Jefferson Street	MD 26	5	5	4	6	2030
190	CE913	358	MP15	Construct	US 15 Interchange	at Monocacy Blvd./Christophers Crossing		3	3	4	4	2018 complete
191	3641 CE1197	211	NRS	Construct	US 29 Columbia Pike	at Musgrove/Fairland Road				6	6	2035
192	CE1197	551		Construct	US 29 Columbia Pike	at Tech Road / Industrial Road		5	5	6	6	2030
193	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
194		647	NRS	Study	US 29 Columbia Pike	North of MD 650 New Hampshire Avenue	Howard County Line	5	5	6	6	2045
195	CE3425	941	NRS	Reconstruct	US 50	District of Columbia line	I 95 / I 495	2	2	4	4	2035
196	CE1210	858	FP2B	Widen	MD 85	South of English Muffin Way	Crestwood Drive/Shockley Drive	2	2	2/4	4	2035
197	6483	391	FP2A	Construct/Widen	MD 85 Buckeystown Pike	Crestwood Drive/Shockley Drive	Spectrum Drive	2	2	4	6	2022
198	CE1210	859	FP2C	Construct/Widen	MD 85 Buckeystown Pike	Spectrum Drive	North of Grove Road	2	2	4	6	2035
199	CE1190	387	MP14	Reconstruct	MD 202	at Brightseat Road		2	2	6	6	2045
200	4879	353	NRS	Upgrade	MD 210	at Kerby Hill Road/Livingston Road		5	5	6	6	2021
201	4879	124	MP6D	Upgrade	MD 210 Indian Head Highway	I-95/495	MD 228	2	5	6	6	2040
202	5527	384	MP18	Construct	US 301 Gov. Nice Bridge	Charles County, MD	King George County, VA	2	2	2	4	2023
203	CE1004	940	MP8E	Widen	US 301	Harry Nice Bridge	I-595 / US 50	2/5	5	4/6	6	2045
204	CE2239	939	NRS	Reconstruct	US 301 Interchange	at MD 5 Business/MD 228		2	5	6	6	2040
205	CF2239	938	NRS	Reconstruct	US 301	at MD 5 (south junction)		2	5	6	6	2035
206	CE1619	937	NRS	Construct	US 301 Interchange	at MD 197		5	5	6	6	2035
206	CE1619	937		Construct	US 301	North of Mt. Oak Road	I-595/ US 50	2	5	4/6	6	2035
Secondary												

NOTE: Orange shading shows TRP projects that may be added back (rows 145-151 and 167-168).

ATTACHMENT A (R2-2022)

2022 Update to VISUALIZE 2045 AIR QUALITY CONFORMITY NETWORK INPUTS

(Maryland highway)

								Facility		Lanes		
	PIT Project ID	Con ID	Project ID	Improvement	Facility	From	To	Fr	To	Fr	To	Completion Date
207	3476 CE1462	206	MS2F	Widen	MD 28 Norbeck Road	MD 97	MD 182	2	2	2	2-4	2045
208	3476 CE1462	925	NRS	Reconstruct	MD 28 Norbeck Road	MD 182	Norwood Road	2	2	4	4	2045
209	3476 CE1462	926	NRS	Reconstruct	MD 198	Norwood Road	MD 650	2	2	2	2	2045
210	3476 CE1462	927	NRS	Reconstruct	MD 198	MD 650	Old Columbia Pike	2	2	2	2	2045
211	3476 CE1462	928	NRS	Reconstruct	MD 198	Old Columbia Pike	US 29A	2	2	4	4	2045
212	3476 CE1462	929	NRS	Reconstruct	MD 198	US 29A	I 95	2	2	4	4	2045
213	3106	137	MP12C	Construct	MD 97 Brookeville Bypass	Gold Mine Road	North of Brookville	0	2	0	2	2021
214	CE2618	931	NRS	Reconstruct	MD 97	MD 390	MD 192 / Forest Glen Road	2	2	6/7	6/7	2030
215	CE1211	392	NRS	Upgrade	MD 97 Georgia Avenue Interchange	at MD 28 Norbeck Road		2	2	6	6	2035
216		135	NRS	Upgrade	MD 97 Georgia Avenue Interchange	at Randolph Road		2	2	6	6	2018
217	CE1203	115	MS32	Reconstruct	MD 117 Clopper Road	I270	Metropolitan Grove Road	3	3	4	4	2030
218	CE1203	921	NRS	Reconstruct	MD 117 Clopper Road	Metropolitan Grove Road	West of Game Preserve Road	3	3	2	3	2035
219	3057 CE1206	118	MS6B	Widen	MD 124 Woodfield Road	Midcounty Highway	South of Airpark Drive	3	3	2	6	2035
220	3057 CE1206	1	MS6D	Widen	MD 124 Woodfield Road	North of Fieldcrest Road	Warfield Road	3	3	2	6	2035
221	CE2253	356	MS35	Widen	MD 197 Collington Road	MD 450	Kenhill Drive	2	2	2	4	2030

NOTE: Orange shading shows TRP projects that may be added back (rows 145-151 and 167-168).

ATTACHMENT A (R2-2022)

2022 Update to VISUALIZE 2045 AIR QUALITY CONFORMITY NETWORK INPUTS

(Maryland highway)

								Facility		Lanes		
	PIT Project ID	Con ID	Project ID	Improvement	Facility	From	To	Fr	To	Fr	To	Completion Date
222	CE2261	924	MS36A	Construct/ Widen	MD 180	Greenfield Drive	I 70 (west junction)	4	4	2	4	2035
224	CE1204	359	MS10B	Widen	MD 201 Edmonston Rd. / Old Baltimore Pike	Cherrywood Lane	Ammendale Way	3	3	2/3	4	2045
225	CE1204	965	MS10E	Construct/Widen	MD 201 Extended (Cedarhurst Dr.)	Muirkirk Road	US 1	3	3	2	4	2045
226	CE2248	942	NRS	Reconstruct	MD 223	MD 4	Steed Road	3	3	2	2	2045
227	CE1207	175	MS18D	Widen	MD 450 Annapolis Road	Stonybrook Drive	west of MD 3	2	2	2	4	2030
228		516	same as MC15B	Construct	Montrose Parkway	Randolph Road	East of Parklawn Drive	0	2	0	4	2020
229	6384	152	BRAC nrs	Reconstruct	BRAC Intersection Improvements near the National Naval Medical Center, Bethesda			2	2			2020 complete
Frederick County												
Secondary												
230		648	MS36C	Widen/ Upgrade	MD 180 Ballenger Creek Pike	Ballenger Center Drive	Corporate Drive	3	2	2	4	2020
231		993	in FS3	Widen/Upgrade	Christopher's Crossing	Whittier Drive	Poole Jones Road	3	3	2	4	2024
232		880	FS3	Expansion	Christopher's Crossing	Walter Martz Road	Thomas Johnson Drive	3	3	0 to 2	4	2020
233		879	NRS	Construct	Christopher's Crossing	Shookstown Road	Rocky Springs Road	3	3	0	4	2026
234		651	FS2a	Widen	Monocacy Boulevard	Schifferstadt Boulevard	Gas House Pike	3	3	2	4	2019
235		691	NRS	Construct	Spectrum Drive	Technology Way	MD 85 Buckeystown Pike	0	4	0	2	2030
Montgomery County												
Secondary												
236	3498	208	NRS	Construct	Burtonsville Access Road	MD 198 Spencerville Road	School Access Road in Burtonsville	0	4	0	2	2025
237	5944	597	NRS	Construct	Century Boulevard	Current terminus south of Oxbridge Tract	Intersection with future Dorsey Mill Road	0	3	0	4	2013 Completed
238	CE1577	199	MC43	Construct	Dorsey Mill Road Bridge over I-270	Century Blvd.	Milestone Center Dr.	0	3	0	4	2030
239	3049	112	MC7A	Widen	Goshen Road South	South of Girard Street	1000 feet north of Warfield Road	3	3	2	4	2030
240				Widen	Little Seneca Parkway	MD355	Observation Drive	3	3	2	4	2035
243		113	MC12F	Widen	MD 118 Germantown Road Extended	MD 355	M 83 at Watkins Mill Road	2	2	3	4	2020

NOTE: Orange shading shows TRP projects that may be added back (rows 145-151 and 167-168).

ATTACHMENT A (R2-2022)

2022 Update to VISUALIZE 2045 AIR QUALITY CONFORMITY NETWORK INPUTS

(Maryland highway)

								Facility		Lanes		
	PIT Project ID	Con ID	Project ID	Improvement	Facility	From	To	Fr	To	Fr	To	Completion Date
244	CE1229	161	MC14G	Widen	Middlebrook Road Ext.	MD 355	M 83	2	2	3	4	2045
245	3703	214	MC15B	Construct	Montrose Parkway East	Eastern Limit of MD 355/Montrose Interchange	Veirs Mill Road/Parkland Road Intersection	0	2	0	4	2045
246	7503			Construct	Extend Observation Drive	Waters Discovery Lane	West Old Baltimore Road	0	3	0	4	2035
247	7503			Construct	Extend Observation Drive	Little Seneca Parkway	Existing Observation Drive near Stringtown Road	0	3	0	2	2045
248	CE2912 5948	428	NRS	Construct	Platt Ridge Drive Extended	Jones Bridge Road	Montrose Driveway			0	2	2018 Completed
249	CE1236	119	MC34	Widen	Snouffer School Road	MD 124 Woodfield Road	Centerway Road	3	3	2	4	2021
Urban												
250	5985	421		Construct	Executive Blvd Extended East	MD 355 Rockville Pike	New Nebel Street Extended			0	4	2026
251	5985	422		Construct	Executive Blvd Extended West	MD 187 Old Georgetown Road	Marinelli Road			0	4	2026
252	5986	424		Construct	Hoya Street	Executive Blvd	Montrose Parkway			0	4	2030
253	5986	425		Construct	Main Street / Market Street	MD 187 Old Georgetown Road	MD 355 Rockville Pike			0	2	2030
254	5986	423		Construct	MD 187 Old Georgetown Road	MD 187 Old Georgetown Road	Nicholson Lane/Tilden Lane			0	6	2030
Prince George's County												
Secondary												
255	6367	361	PGS3a	Widen	Addison Road	Walker Mill Road	MD 214 Central Avenue	3	3	2	4	2026
256	6367	362	NRS	Reconstruct	Addison Road	Sherieff Road	MD 704	4	4	2	2	2028
257	CE1270	386	PGS5	Construct	Allentown Road Relocated	MD 210 Indian Head Highway	Brinkley Road		3		4	2028
258	CE1320	365	PGS73	Widen	Ardwick-Ardmore Road	MD 704	91st Ave.	4	4	2	4	2030
259	CE1272	388	PGS9a	Widen	Bowie Race Track Road	MD 450 Annapolis Road	Clearfield Road	4	4	2	4	2024
264	CE1277	140	PGS16a	Construct	Campus Way North	Lake Arbor Way	south of Lottsford Road	0	4	0	4	2023
265	CE1277	138	PGS16b	Construct	Campus Way North Extended	south of Lottsford Road	Evarts Drive	0	4	0	4	2020
266	CE1278	141	PGS17	Widen	Cherry Hill Road	Powder Mill Road	Selman Road	3	3	2	4	2019 Complete

NOTE: Orange shading shows TRP projects that may be added back (rows 145-151 and 167-168).



ATTACHMENT A (R2-2022)

2022 Update to VISUALIZE 2045 AIR QUALITY CONFORMITY NETWORK INPUTS

(Maryland highway)

								Facility		Lanes		
	PIT Project ID	Con ID	Project ID	Improvement	Facility	From	To	Fr	To	Fr	To	Completion Date
267	CE1279	142	PGS18	Widen	Church Road	Woodmore Road	Central Ave. (MD 214)	4	4	2	4	2028
268	CE1280	144	PGS20b	Widen	Columbia Park Road	US 50	Cabin Branch Road	4	4	2	4	2014 Complete
269	CE1280	143	PGS20a	Widen	Columbia Park Road	Cabin Branch Road	Columbia Terrace	4	4	2	4	2020
270	CE1281	145	PGS21a	Widen	Contee Road	US 1	MD 201 Virginia Manor Road	4	4	2	4	2018 Complete
278	CE1288	162	PGS30a	Widen	Good Luck Road	MD 201 Kenliworth Avenue (east of)	Cipriano Road	4	4	2	4	2025
279	3132	164	PGS34a	Widen	Hill Road	Consideration Lane	MD 704 ML King Jr Highway	4	4	2	4	2018 complete
280	3132	163	PGS34B	Widen	Hill Road	Consideration Lane	MD 214 Central Avenue	4	4	2	4	2028
283	5806	165	PGS38b	Widen	Livingston Road	Piscataway Creek	Farmington Road	4	4	2	4	2025
284	CE1291	417	PGS38a	Widen	Livingston Road	MD 210 Indian Head Highway at Eastover	Kerby Hill Rd.	4	3	2	4	2028
285		213	PGS40a	Widen	Lottsford Road	Archer Lane	MD 193 Enterprise Road	3	3	2	4	2021
286			PGS40b	Reduce Capacity - bike lanes	Lottsford Road	MD 202 (Landover Rd.)	Largo Dr. West	3	3	6	4	2020
288	CE1295	360	PGP4a	Construct	MD 193 Greenbelt Road	Baltimore-Washington Parkway (ramp to)		0	5	0	4	2025
289	CE1294	167	PGS42	Widen	MD 223 Woodyard Road	Rosaryville Road	Dower House Road	2	2	2	4	2017 Complete
290	CE1294	2	PGS42C	Widen	MD 223 Woodyard Road Relocated	Piscataway Creek/Floral Park Road	MD 4 /Livingston Road	3	3	2	4	2017
291	CE1295	169	PGS44b	Widen	Metzerott Road	Adelphi Road	MD 193 University Boulevard	4	4	2	4	2020
294	CE1297	173	PGS47	Widen	Oak Grove and Leeland Roads	MD 193 Watkins Park Road	US 301 Robert Crain Highway	4	4	2	4	2028
296	CE1299	649	PGS50	Widen	Old Branch Avenue	MD 223 Piscataway Road (north of)	MD 337 Allentown Road	4	4	2	4	2028

NOTE: Orange shading shows TRP projects that may be added back (rows 145-151 and 167-168).

ATTACHMENT A (R2-2022)

2022 Update to VISUALIZE 2045 AIR QUALITY CONFORMITY NETWORK INPUTS

(Maryland highway)

								Facility		Lanes		
	PIT Project ID	Con ID	Project ID	Improvement	Facility	From	To	Fr	To	Fr	To	Completion Date
298		369	PGS51a	Widen	Old Gunpowder Road	Powder Mill Road	Greencastle Road	3	3	2	4	2018
299	CE1324	193	PGS81	Construct	Presidential Parkway	Suitland Parkway	Melwood Road	0	3	0	6	2020 Complete
302	CE2623	153	PGS55b	Widen	Ritchie-Marlboro Road	White House Road	Old Marlboro Pike	2	2	2	4	2028
304	CE1304	178	PGS58	Widen	Rosaryville Road	US 301	MD 223 Woodyard Road	3	3	2	4	2020
305	CE1305	179	PGS60B	Widen	Spine Road	MD 5 Branch Avenue / US 301	MD 381 Brandywine Road	3	3	2	4	2020 Complete
307	CE1307	122	PGP2	Construct	Suitland Parkway Interchange at	Rena/Forestville Roads		5	5			2021 Complete
308	CE1309	181	PGPS63	Widen	Sunnyside Avenue	US 1	MD 201 Kenilworth Avenue	4	4	2	4	2022
309	CE1313	185	PGP5a	Construct	US 50 Columbia Park Road Ramp	wb ramp to Columbia Park Rd						2014 Complete
310	CE1314	187	PGS67a	Widen	Van Dusen Road	Contee Road	MD 198 Sandy Springs Road	3	3	2	4	2020
312		188	PGS68	Widen	Virginia Manor Road	Muirkirk Road	Old Gunpowder Road	4	4	2	4	2014
313	CE1316	429	PGS69a	Widen	Walker Mill Road	Silver Hill Road	I 95	3	3	2	4	2028
314	CE2624	154	PGS91	Widen	Westphalia Road	MD 4 Pennsylvania Avenue	Ritchie-Marlboro Road	2	2	2	4	2028
315	3166	189	PGS70	Widen	Wheeler Road	DC Limits	St. Barnabas Road	3	3	2	4	2018 complete
318		436	PGS40b	Construct	Woodmore Road	MD 193 Enterprise Road	Church Road	3	3	2	4	2025

NOTE: Orange shading shows TRP projects that may be added back (rows 145-151 and 167-168).



**TPB R15-2022**  
**June 15, 2022**

**NATIONAL CAPITAL REGION TRANSPORTATION PLANNING BOARD**  
**777 North Capitol Street, N.E.**  
**Washington, D.C. 20002**

**RESOLUTION APPROVING THE 2022 UPDATE TO THE VISUALIZE 2045 LONG-RANGE  
TRANSPORTATION PLAN FOR THE NATIONAL CAPITAL REGION AND  
THE FY 2023–2026 TRANSPORTATION IMPROVEMENT PROGRAM (TIP)**

**WHEREAS**, the National Capital Region Transportation Planning Board (TPB), as the federally designated metropolitan planning organization (MPO) for the Washington region, has the responsibility under the provisions of the Fixing America's Surface Transportation (FAST) Act, reauthorized November 15, 2021 when the Infrastructure Investment and Jobs Act (IIJA) was signed into law, for developing and carrying out a continuing, cooperative and comprehensive transportation planning process for the metropolitan area; and

**WHEREAS**, the Federal Planning Regulations of the Federal Transit Administration (FTA) and the Federal Highway Administration (FHWA) implementing the FAST Act, which became effective June 27, 2016, specify the development and content of the long-range transportation plan and of the transportation improvement program and require that it be reviewed and updated at least every four years; and

**WHEREAS**, on October 17, 2018, the TPB approved a new long-range transportation plan, called "Visualize 2045," that meets federal planning requirements, addresses the federal planning factors and goals in the TPB Vision and the Regional Transportation Priorities Plan, and included a new "Aspirational Element" as specified by TPB Resolution R8-2018; and

**WHEREAS**, the TIP is required by FHWA and FTA as a basis and condition for all federal funding assistance to state, local and regional agencies for transportation improvements within the Washington planning area and the TPB approved the FY 2021-2024 Transportation Improvement Program (TIP) on March 20, 2020, which was developed as specified in the Federal Planning Regulations; and

**WHEREAS**, on December 16, 2020, TPB staff issued a Technical Inputs Solicitation Submission Guide, which is a formal call for area transportation implementing agencies to submit technical details, including information necessary to perform the required air quality analysis of the 2022 Update to the Visualize 2045 long-range transportation plan, and for projects and programs to be included in the FY 2023-2026 TIP that will meet federal planning requirements, and will address the federal planning factors and goals in the TPB Vision and the Regional Transportation Priorities Plan; and

**WHEREAS**, the transportation implementing agencies in the region provided project submissions for the 2022 Update to Visualize 2045 and the FY 2023-2026 TIP, and the TPB Technical Committee and the TPB reviewed the project submissions at meetings in April, May, June and July 2021 meetings; and

**WHEREAS**, at its June and July 2021 meetings, the TPB approved the projects submitted for inclusion in the Air Quality Conformity Analysis of the 2022 Update to Visualize 2045 and the FY 2023-2026 TIP; and

**WHEREAS**, MDOT made certain transit commitments associated with the I-270/I-495 Traffic Relief Plan in Resolution R2-2022 and is required to brief the TPB on the transit commitments related to Phase 1 South of the I-270/I-495 Traffic Relief Plan; and the TPB will provide a formal statement for inclusion in the public docket of the FEIS for the I-270/I-495 Traffic Relief Plan referencing TPB's requirement that the transit commitments be met; and MDOT will report to TPB on the status of the transit commitments to Montgomery County bimonthly until a transit commitments agreement is reached with Montgomery County for Phase 1 South of the project; and

**WHEREAS**, on June 15, 2022, upon adopting on-road greenhouse gas reduction goals and strategies, to be appended to the 2022 Update to Visualize 2045; and

**WHEREAS**, on April 1, 2022, the draft FY 2023–2026 TIP was released for a 30-day public comment and inter-agency review period along with the draft 2022 Update to Visualize 2045, and the Air Quality Conformity Analysis; and

**WHEREAS**, the FY 2023-2026 TIP has been developed to meet the financial requirements in the Federal Planning Regulations; and

**WHEREAS**, during the development of the 2022 Update to Visualize 2045, the FY 2023-2026 TIP, and the Air Quality Conformity Analysis, the TPB Participation Plan was followed, and several opportunities were provided for public comment: (1) a 30-day public comment period on project submissions for the air quality conformity analysis of the 2022 Update to Visualize 2045 and the FY 2023-2026 TIP and the air quality conformity analysis scope of work was provided from April 2 to May 3, 2021; (2) the TPB Community Advisory Committee (CAC) was briefed on the project submissions at its April 15, 2021 meeting, (3) an opportunity for public comment on these submissions was provided at the beginning of the April, May, June and July 2021 TPB meetings; (4) on April 1, 2022 the draft 2022 Update to Visualize 2045, the FY 2023-2026 TIP, and the draft Air Quality Conformity Analysis were released for a 30-day public comment period which closed on May 1, 2022; (5) on April 6 and 7, 2022, a virtual open house was held where staff shared results of the plan analysis and provided an opportunity for questions and answers; (6) on April 14, 2022, a Public Forum was held on the development of the FY 2023-2026 TIP; (7) an opportunity for public comment on these documents was provided on the TPB website and on the Visualize 2045 website, and at the beginning of the April, May and June 2022 TPB meetings; and (8) the documentation of the 2022 Update to Visualize 2045, the FY 2023-2026 TIP, the Air Quality Conformity Analysis includes summaries of all comments and responses; and

**WHEREAS**, the TPB Technical Committee has recommended favorable action on the 2022 Update to Visualize 2045, the FY 2023-2026 TIP, and the Air Quality Conformity Analysis by the Board; and

**WHEREAS**, on June 15, 2022, the TPB passed Resolution R16-2022, determining that the 2022 Update to Visualize 2045, the FY 2023-2026 TIP conform with the requirements of the Clean Air Act Amendments of 1990; and

**WHEREAS**, the FY 2023-2026 TIP projects are consistent with the 2022 Update to Visualize 2045, and are selected in accordance with the Federal Planning Regulations; and

**NOW, THEREFORE, BE IT RESOLVED THAT** the National Capital Region Transportation Planning Board approves the 2022 Update to Visualize 2045 and the FY 2023-2026 Transportation Improvement Program.

Adopted by the Transportation Planning Board at its regular meeting on June 15, 2022