

ITEM 7 – Action June 15, 2022

Approval of the 2022 Update to Visualize 2045, the FY 2023-2026 Transportation Improvement Program (TIP), the Air Quality Conformity Analysis Determination, and MPO Self Certification

All materials for approval can be found here:

<https://visualize2045.org/plan-update/draft-plan/>

The TPB acted in June and July 2021 to finalize the project list for inclusion into the 2022 Update to the Visualize 2045 long-range transportation plan – **the projects cannot be changed at this time in this 2022 plan/TIP**. Those projects as approved were analyzed according to the Clean Air Act conformity requirements and all requirements are met. On June 15, the TPB will be asked to take the following actions identified below to comply with federal metropolitan planning regulations and ensure flow of federal aid funds for transit and highway projects in the Washington region in a timely manner. In order to ensure that all members have equal opportunity to comment, depending on the time available and interest of members, Chair Sebesky will consider allocating time for members to comment.

Action 1: Adopt Resolution R15-2022 approving the 2022 Update to Visualize 2045 and the FY 2023-2026 TIP.

Action 2: Adopt Resolution R16-2022 finding that the 2022 Update to Visualize 2045 and the FY 2023-2026 TIP conform with the requirements of the Clean Air Act Amendments of 1990.

Action 3: Adopt Resolution R17-2022 endorsing the appended Statement of Certification.

Background: Staff will again review the materials and recommend the following for Board Approval: draft 2022 Update to Visualize 2045 and FY 2023-2026 TIP, draft Air Quality Conformity Determination, and Self Certification Statement.

The Joint Planning Regulations issued by the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) require that “concurrent with the submittal of the entire proposed TIP...the state and MPO shall certify at least every four years that the metropolitan transportation planning process is addressing the major issues in the metropolitan planning area and is being carried out in accordance with all applicable requirements...” The board will be briefed on the Statement of Certification and asked to approve it.

ATTACHMENTS:

- Resolution R15-2022
- Resolution R16-2022
- Resolution R17-2022
- Self Certification Statement
- MDOT Letter reaffirming Phase 1 South Op Lanes Project transit improvements
- Presentation

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, 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.

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

**RESOLUTION FINDING THAT THE 2022 UPDATE TO THE VISUALIZE 2045
LONG-RANGE TRANSPORTATION PLAN AND THE FY 2023-2026 TRANSPORTATION
IMPROVEMENT PROGRAM CONFORM WITH THE REQUIREMENTS OF
THE CLEAN AIR ACT AMENDMENTS OF 1990**

WHEREAS, the National Capital Region Transportation Planning Board (TPB) has been designated by the Governors of Maryland and Virginia and the Mayor of the District of Columbia as the Metropolitan Planning Organization (MPO) for the Washington Metropolitan Area; and

WHEREAS, the U.S. Environmental Protection Agency (EPA), in conjunction with the U.S. Department of Transportation (DOT), under the Clean Air Act Amendments of 1990 (CAA), issued on November 24, 1993 "Criteria and Procedures for Determining Conformity to State or Federal Implementation Plans of Transportation Plans, Programs, and Projects Funded or Approved Under Title 23 U.S.C. or the Federal Transit Act," and, over the years, subsequently amended these regulations and provided additional guidance, which taken together provide the specific criteria for the TPB to make a determination of conformity of its financially constrained long-range transportation plan and Transportation Improvement Program (TIP) with the State Implementation Plan (SIP) for air quality maintenance within the Metropolitan Washington non-attainment area; and

WHEREAS, on December 16, 2020, the TPB staff released the Technical Inputs Solicitation Submission Guide and asked for inputs to the 2022 Update to Visualize 2045 and the FY 2023-2026 TIP; and

WHEREAS, a scope of work was developed to address all procedures and requirements, including public and interagency consultation, and the scope was released for public comment on April 2, 2021, and approved by the TPB at its June 16, 2021 meeting; and

WHEREAS, highway and transit project inputs submitted for inclusion in the air quality conformity analysis of the 2022 Update to Visualize 2045 and the FY 2023-2026 TIP were released for public comment on April 2, 2021, and approved by the TPB at its June and July 2021 meetings; and

WHEREAS, on April 1, 2022, the draft results of the air quality conformity analysis of the 2022 Update to the Visualize 2045 transportation plan and FY 2023-2026 TIP were released for a 30-day public comment period with inter-agency consultation; and

WHEREAS, the analysis reported in the Summary Report: Air Quality Conformity Analysis of the 2022 Update to Visualize 2045, dated June 15, 2022, demonstrates adherence to all mobile source emissions budgets for ground level ozone precursors Volatile Organic Compounds (VOC) and Nitrogen Oxides (NOx), and meets all regulatory, planning and interagency consultation requirements, and therefore provides the basis for a finding of conformity of the 2022 Update to Visualize 2045 and the FY 2023-2026 TIP with the requirements of the CAAA; and

WHEREAS, as part of the TPB's interagency consultation process, the Metropolitan Washington Air Quality Committee (MWAQC) concurs with the regional air quality conformity determination of the 2022 Update to Visualize 2045 and the FY 2023-2026 TIP, and provided other comments relating to the region's air quality;

NOW, THEREFORE, BE IT RESOLVED THAT the National Capital Region Transportation Planning Board determines that the 2022 Update to Visualize 2045 and the FY 2023-2026 Transportation Improvement Program conform to all requirements of the Clean Air Act Amendments of 1990.

TPB R17-2022
June 15, 2022

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

**RESOLUTION ENDORSING THE 2022 CERTIFICATION OF THE METROPOLITAN
TRANSPORTATION PLANNING PROCESS FOR THE NATIONAL CAPITAL REGION**

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 that "the state and MPO shall certify at least every four years that the metropolitan transportation planning process is addressing the major issues in the metropolitan planning area and is being carried out in accordance with all applicable requirements..."; and

WHEREAS, the Statement of Certification documenting how the TPB's planning process is being carried out and how the process is compliant with all of the applicable requirements is appended to this resolution; and

WHEREAS, a Statement of Certification has been prepared with signatures of officials from the District of Columbia Department of Transportation, the Maryland Department of Transportation, the Virginia Department of Transportation, and the TPB and is appended to this resolution.

NOW, THEREFORE BE IT RESOLVED THAT the National Capital Region Transportation Planning Board does hereby certify that the metropolitan transportation planning process is being carried out in conformance with all applicable requirements:

The appended Statement of Certification, dated June 15, 2022, which finds that the transportation planning process is addressing the major issues in the National Capital Region and that the process is being conducted in accordance with all applicable requirements, is hereby endorsed and the Chair of the TPB is authorized to sign it.

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

**NATIONAL CAPITAL REGION
TRANSPORTATION PLANNING BOARD
STATEMENT OF CERTIFICATION**

June 15, 2022



National Capital Region
Transportation Planning Board

NATIONAL CAPITAL REGION TRANSPORTATION PLANNING BOARD STATEMENT OF CERTIFICATION

June 15, 2022

This document describes how the federal metropolitan transportation planning process is being conducted by the National Capital Region Transportation Planning Board in accordance with all the applicable requirements; this self-certification of the planning process is required under 23 CFR 450.334 and is signed by the three state departments of transportation and the TPB.

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The National Capital Region Transportation Planning Board (TPB) has been designated as the Metropolitan Planning Organization (MPO) for the Washington DC-MD-VA Urbanized Area. The TPB 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. The FAST Act was signed into law on December 4, 2015, and the final planning rule which is the most current was published on May 27, 2016. On November 15, 2021, President Biden signed into law the Infrastructure Investment and Jobs Act (also known as the Bipartisan Infrastructure Law). The Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) jointly certified the planning process for the TPB's TMA on June 4, 2019. The TPB, the District of Columbia Department of Transportation (DDOT), the Maryland Department of Transportation (MDOT), and the Virginia Department of Transportation (VDOT) self-certify that the metropolitan transportation planning process is addressing the major issues in the metropolitan planning area and is being carried out in accordance with all federal metropolitan planning applicable requirements as evidenced by the descriptions below. The TPB reviewed this self-certification document at its June 2022 meeting.

1. The Unified Planning Work Program for Transportation Planning

The FY 2023 Unified Planning Work Program for Transportation Planning (UPWP) was adopted by the TPB on March 16, 2022, and approved by FHWA and FTA on June 1, 2022. The UPWP was developed to address the applicable metropolitan planning requirements of record in March 2022 as well as to comply with the air quality conformity regulations. The UPWP includes support for 14 standing committees that assist with carrying out the federally-required metropolitan planning process; Figure 6 on page 24 shows the TPB committee structure. More about the UPWP can be found at mwcog.org/transportation/plans/upwp/.

2. Roles and Responsibilities for Transportation Planning and Programming

In the metropolitan Washington region, the roles and responsibilities involving the TPB, the three state DOTs, the local government transportation agencies, WMATA and the state and local government public transportation operators for cooperatively carrying out transportation planning and programming have been recently updated. As required under the federal metropolitan planning regulations, the TPB, the state DOTs and the providers of public transportation have documented their transportation planning roles and responsibilities in the metropolitan Washington region in a Memorandum of Understanding (MOU) that was approved on April 18, 2018.

The state transportation agencies (DDOT, MDOT and VDOT) have an agreement with the Metropolitan Washington Council of Governments (COG), dated July 29, 2019, that specifies the terms and conditions for funding its administrative support of the transportation planning process. COG is the administrative agent for the TPB. The responsibilities for the primary planning and programming activities are indicated in the UPWP.

There is also an agreement between the TPB, the Calvert-St. Mary's Metropolitan Planning Organization (C-SMMPO), and Calvert County, Maryland, for completing the conformity analysis

and determination of transportation plans, programs, and projects in Calvert County, Maryland that was approved in 2016. The agreement ensures that transportation plans, programs, and projects in Calvert County are assessed for regional air quality conformity as required in the Clean Air Act Amendments of 1990 (with subsequent amendments).

Also included in the UPWP is the 2021 agreement between the TPB and the Fredericksburg Area MPO (FAMPO) in Virginia in which FAMPO committed to being responsible for meeting the TMA responsibilities for the transportation planning and programming requirements within the Metropolitan Washington Urbanized Area portion of Stafford County and producing the required planning documents on the TPB's current planning cycle.

Representatives of DDOT, MDOT and VDOT, the signatories of this self-certification statement and document, meet every month through the State Technical Working Group (STWG), with WMATA, to coordinate and ensure that the TPB is meeting all applicable metropolitan planning and air quality conformity regulations. At the May 3, 2022, and May 31, 2022, STWG meetings, representatives of the state DOT's discussed the process and content for this self-certification statement and document.

3. Regional Policy Documents and the Federal Planning Factors

The TPB's work is guided by three overarching policy documents: the TPB Vision of 1998, the Regional Transportation Priorities Plan (RTPP) of 2014, and the Aspirational Initiatives of 2017 and 2018. Additionally, the TPB passed resolutions in 2020 rededicating its commitments to safety and equity, and endorsing COG climate change mitigation and readiness goals. The FAST Act's ten federal planning factors are encompassed by both the Vision and the RTPP. The Vision can be found at [mwcog.org/transportation/plans/tpb-vision](https://www.mwcog.org/transportation/plans/tpb-vision) and. The RTPP can be found at <https://www.mwcog.org/rtp/>. The Aspirational Initiatives can be found at <https://visualize2045.org/strategies/#aspirational-initiatives>. More information about the TPB policy framework can be found at Goals and Future Factors - TPB Visualize 2045.

The RTPP, the Vision, and the planning factors were also used to guide project submissions for the financially constrained element of the 2022 update to Visualize 2045 and the FY 2023-2026 Transportation Improvement Program (TIP). The 2022 update to Visualize 2045 Technical Inputs Solicitation Submission Guide asked submitting agencies to identify how newly proposed projects will address regional policy goals and the federal planning factors. The Technical Inputs Solicitation document can be found in [Appendix B: Summary of Projects in the Financially Constrained Element](#). Responses by project sponsors to these questions for each project can be found online at: <https://visualize2045.org/plan-update/>

[Chapter 3](#) of the plan document details the policy framework and [Chapter 1](#) and [Chapter 3](#) highlight the federal requirements and national goals that Visualize 2045 used as guidance. [Chapter 6](#) of the 2022 update to Visualize 2045 also explicitly draws connections between the federal planning factors and RTPP goals, and elements of the TPB's planning efforts and programs. The 2022 update to Visualize 2045 includes, in [Chapter 7](#), an evaluation of the financially constrained element's performance in terms of helping to implement the TPB Goals, Aspirational Initiatives and federal planning factors.

4. Four-Year Updates of the Long-Range Transportation Plan

Federal metropolitan planning regulations require the TPB to update the plan every four years. Prior to SAFETEA-LU, TEA-21 required updates to the constrained long-range plan (CLRP) every three years.

Documentation of previous updates include:

The TPB's 2018 metropolitan long-range transportation plan, known as Visualize 2045, was the last official quadrennial update. It was Approved by the TPB on October 17, 2018, and is documented at <https://www.mwcog.org/documents/2018/10/17/visualize-2045-a-long-range-transportation-plan-for-the-national-capital-region-featured-publications-tpb-visualize-2045/>.

The *2014 Update to the Financially Constrained Long-Range Transportation* Approved by the TPB on October 15, 2014, and is documented at <http://www1.mwcog.org/clrp/>.

2010 Update to the Financially Constrained Long-Range Transportation Plan. Approved by the TPB on November 17, 2010, and documented on the website the same date, with a report published in 2011.

2006 Update to the Financially Constrained Long-Range Transportation Plan. Approved by the TPB on October 18, 2006, and documented on the website the same date, with a brochure "What's in the Plan for 2030? The Regional Long-Range Transportation Plan as adopted October 18, 2006" finalized in March 2007.

2003 Update to the Financially Constrained Long-Range Transportation Plan for the National Capital Region. Approved by the TPB on December 17, 2003, and published in 2004.

2000 Update to the Financially Constrained Long-Range Transportation Plan for the National Capital Region. Approved by the TPB on October 18, 2000, and published in 2001.

5. The Currently Adopted Plan and Transportation Improvement Program (TIP)

On March 20, 2020, the TPB approved the March 2020 Amendment to Visualize 2045, the FY 2021-2024 TIP, and the determination of their associated Air Quality Conformity analysis. The TIP includes transit, highway, bikeway and pedestrian and ridesharing improvement projects and transit and ridesharing operating support. It only includes projects that can be implemented with already available and projected sources of transportation revenues while the existing transportation system is being adequately operated and maintained.

On May 27, 2020, FHWA and FTA found that the 2020 Amendment to Visualize 2045 and the FY 2021-2024 TIP conform to the region's State Implementation Plans, and that the conformity determination has been performed in accordance with the Transportation Conformity Rule (40CFR Part 93), as amended.

6. The New Plan and Transportation Improvement Program (TIP)

On December 16, 2020, the TPB began the development of the financially constrained element of the 2022 update to Visualize 2045 by releasing the Technical Inputs Solicitation Submission Guide for the 2022 update to Visualize 2045 and the FY 2023-2026 TIP. The guide requested that the transportation implementing agencies explicitly consider the Vision, the Regional Transportation Priorities Plan, the ten planning factors, and other TPB and COG policy documents and studies as the policy framework when they submitted projects and programs for inclusion in the financially constrained element of Visualize 2045. New questions added to this input solicitation included a question about if the project implements any of the TPB's Aspirational Initiatives, if the project can be expected to contribute to the COG and TPB greenhouse gas (GHG) reduction goals, and three related questions asking for narrative explanations as to how projects advance, the Aspirational Initiatives, RTPP Goals, and GHG reductions goals.

APPROVAL OF THE NEW PLAN AND TIP

The 2022 update to Visualize 2045 and the FY 2023-2026 TIP were developed according to the provisions of the metropolitan planning regulation of record in December 2020. The 2022 update to Visualize 2045 and the FY 2023-2026 TIP meet the financial plan requirements to show the consistency of the proposed projects with already available and projected sources of transportation revenues while the existing transportation system is being adequately operated and maintained. The 2022 update to Visualize 2045 and the FY 2023-2026 TIP were adopted by the TPB on June 15, 2022.

7. Annual Listing of Projects

The FAST Act requires that the TPB publish or otherwise make available an annual listing of projects, consistent with the categories in the TIP, for which federal funds have been obligated in the preceding year. With the assistance of and in cooperation with the transportation implementing agencies in the region, the TPB has prepared a listing of projects for which federal funds have been obligated each year since 2001. The annual listing of projects is available on the web at mwcog.org/obligation-report.

In 2020 and 2021 the TPB implemented a new database, known as Project InfoTrak, to collect, manage, analyze, and report on data on projects in the long-range transportation plan and the Transportation Improvement Program (TIP). The database software vendor has an arrangement with the Federal Highway Administration that gives the TPB, access to the Federal Management Information System (FMIS). This enables the TPB staff to automatically generate lists of obligated funds for the annual project listing and share that listing with implementing agencies in the TPB region.

8. The Air Quality Conformity Determination for the New Plan

On June 15, 2022, the TPB approved the findings of the Air Quality Conformity analysis of the financially constrained element of the 2022 update to Visualize 2045 and the FY 2023-2026 TIP for the metropolitan Washington region. The plan and TIP conform to the requirements (Sections 174 and 176(c) and (d) of the Clean Air Act as amended (42 U.S.C. 7504, 7506(c) and (d)), and

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 in April 2012, and (3) as detailed in periodic FHWA / FTA and EPA guidance. The air quality conformity report can be found at <https://www.mwcog.org/transportation/planning-areas/air-quality-and-environment/air-quality-conformity/>.

9. The Financial Plan

The financial plan for the 2022 update to Visualize 2045 demonstrates that the forecast revenues reasonably expected to be available are equal to the estimated costs of expanding and adequately maintaining and operating the highway and transit system in the region through 2045. The TPB conducted an analysis of the financial resources available for Visualize 2045 which is documented in Visualize 2045 **Appendix A: Financial Plan**. Forecast revenues and expenditures for Visualize 2045 total \$223.3 billion in year of expenditure dollars for the period of 2023 through 2045. The forecasts were prepared by the transportation implementing agencies and jurisdictions. The TPB was briefed on the preliminary financial analysis at its June 16, 2021, meeting and again on the final analysis and completed financial plan at its April 20, 2022, meeting. More information on the financial plan is available in **Appendix A: Financial Plan** of Visualize 2045, found at <https://visualize2045.org/plan-update>.

The region's long-range metropolitan transportation plan is periodically updated with amendments that include new projects or adjust the phasing or other aspects of some of the projects or actions in the plan, or change specific projects as new information on them becomes available. When an amendment to the plan is developed, the financial analysis is reviewed to ensure the amendment conforms with the requirements in federal transportation law.

The long-range transportation plan must be updated every four years as required by federal transportation law; the first iteration of Visualize 2045, completed in 2018, included a full financial analysis. The next update of the long-range transportation plan will be the 2024 amendment and will include a new full financial analysis which will reflect new revenue sources and expenditure estimates in consultation with the state and local DOTs and public transportation operators.

A significant development in transportation funding for the region in 2018 was the approval for new, long-term dedicated funding for WMATA's state of good repair needs by the District of Columbia, Maryland, and Virginia. In addition to continued support for the current capital subsidy, the three jurisdictions will provide an additional \$500 million annually in funding. The funding allocation was arrived at through WMATA's capital costs formula: the District of Columbia to provide \$178 million, Maryland \$167 million, and Virginia \$154 million per year.

The dedicated funding for WMATA came with various requirements and restrictions. The most important of these financially is a restriction on increases in the WMATA operating subsidy, limiting general increases to 3 percent per year or some portion of funds would be withheld. In this financial analysis, TPB staff have assumed that WMATA will adhere to this annual subsidy increase limit indefinitely.

In 2008, Congress passed the Passenger Rail Investment and Improvement Act which provided an additional \$3 billion in revenues over 10 years in funding for WMATA's capital and preventive

maintenance projects, with \$150 million per year of federal funding and a matching \$150 million per year in required dedicated local matching revenues, as approved by the legislatures of Maryland, Virginia, and the District of Columbia. This additional funding was assumed to be available through 2045 in the financial plan for Visualize 2045. On November 15, 2021, President Biden signed into law the Infrastructure Investment and Jobs Act (also known as the Bipartisan Infrastructure Law), which provides \$550 billion over fiscal years 2022 through 2026 in new federal investment in infrastructure.

10. Performance-Based Planning and Programming

Performance-based planning and programming (PBPP) is a process authorized in the Fixing America's Surface Transportation (FAST) Act. PBPP requires states and MPOs to "transition to a performance-driven, outcome-based program that provides for a greater level of transparency and accountability, improved project decision-making, and more efficient investment of federal transportation funds." In coordination with partners, the TPB was tasked with setting targets for 26 performance measures, which it has completed in coordination with its state agency partners. The TPB will update targets and report performance data as required by federal law. The 2022 update to Visualize 2045 is the first TPB quadrennial plan that reports data and includes discussions on progress toward PBPP targets. This information can be found in **Chapter 8** of the plan and in Appendix D to the plan, the System Performance Report. The FY 2023-2026 TIP also includes a discussion and analysis of how projects in the TIP address PBPP targets by reporting on specific funds used that would target various performance measures.

More information about the TPB's PBPP efforts can be found in the region's Visualize 2045 long-range metropolitan transportation plan in **Appendix D: PBPP System Performance Report on the plan update page** <https://visualize2045.org/plan-update/> and at <https://www.mwcog.org/PBPP>.

The TPB, state departments of transportation, and providers of public transportation use the PBPP process in the following areas:

- Highway Safety;
- Highway Assets;
- Highway System Performance;
- Vehicular Emissions;
- Transit Asset Management; and
- Transit Safety.

For each of the six areas, the TPB is responsible for determining how to calculate measures and set targets for the metropolitan planning area. The TPB's efforts overlap with state-level transportation agencies and public providers of transportation who are also responsible for calculating measures and setting targets at the state level or for the transit system. Accordingly, the TPB coordinates with the states and transit agencies in establishing measures and targets for the region. This ensures consistency in the methods used to calculate measures and adequately reflects the various factors considered. The TPB has individual letters of agreement with each responsible party which identify exactly how information will be shared and how targets will be coordinated and set for each of the 26 performance measures.

11. Participation Plan and Public Involvement

The TPB is committed to a transparent interface with the public and with relevant public agencies to support the regional transportation planning process, including the development of the federally required long-range transportation plan. An update to the TPB's Participation Plan was approved in 2020 and can be found at <https://www.mwcog.org/tpb-participation-plan/>. This update reflects a year-long process to make the plan easier for the public and staff to use.

The plan articulates the TPB's policy for public participation. It describes how members of the public can get involved and demonstrates how staff work to meet and exceed federal requirements. The plan guides TPB staff interactions with the public so that public-facing work can: 1) reach as many people as inclusively as possible, and 2) collect meaningful input and build support to inform TPB plans and programs, and aid in decision making. The Participation Plan is required under federal laws and regulations pertaining to metropolitan planning and Title VI. The plan builds on previous efforts designed to encourage participation in the TPB process and provides reasonable opportunities for residents and other interested agencies to be involved in the metropolitan transportation planning process. As required by federal regulation, TPB staff developed the Participation Plan in consultation with interested parties, including residents, representatives of people with disabilities, users of public transportation and bicycle and pedestrian facilities, and affected public agencies.

During the development of the 2022 update to Visualize 2045 and the FY 2023-2026 TIP, the participation procedures outlined in the TPB Participation Plan were followed, and opportunities were provided for public comment. The staff also provided presentations during a series of virtual forums and presented to and held discussions with the TPB Community Advisory Committee and Access for All Advisory Committee. Visualize 2045's Appendix H and I document how the plan implemented the Participation Plan and describe the comment periods, including appendices with a listing of all comments received.

Public participation for the 2022 update to Visualize 2045 was conducted in 2020, 2021, and 2022.

VOICES OF THE REGION

For the Visualize 2045 update, the TPB conducted public engagement known as 'Voices of the Region' to gather information about public opinions on transportation through a survey, focus groups, and a regional virtual activity about the TPB's Aspirational Initiatives. The role of the Voices of the Region is to gather public opinion on issues important to the TPB, provide a more nuanced understanding how regional transportation policies affect people in the metropolitan Washington region, and to highlight voices that have been underrepresented in the past.

As a package, the Voices of the Region outreach accomplished all five of the TPB's Policy Goals for participation. Each activity took different approaches to incorporating the Principles for Engagement into its planning and execution. And while the primary constituency for participation in the three activities was the general public, the audience for the input collected was the other constituencies — active participants, community leaders, and decision-makers who serve on the TPB.

The following sections provide a summary of the specific Voices of the Region participation activities and a description for how they sought to achieve the Policy Goals, incorporate the Principles for Engagement, and engaged the Constituencies for Engagement.

For more information on Voices of the Region visit: visualize2045.org/voices-of-the-region.

Public Opinion Survey

The Voices of the Region public opinion survey was a representative and statistically significant regional survey of residents in the metropolitan Washington region.

The purpose of the survey was to gather information on attitudes and behaviors related to transportation topics in order to inform the Visualize 2045 update and other regional planning efforts. The study focused on topics addressed in the plan, including transportation access and mobility, future technology, and climate change.

Respondents were randomly selected using an address-based sample of 10 county and city-level jurisdictions in the metropolitan Washington region, and were invited to participate in a web survey via a series of letters they received in the mail.

2,407 people participated in the survey. The TPB conducted this study in collaboration with the Survey Research practice within ICF. The survey report and presentations can be found online at: visualize2045.org/voices-of-the-region.

Focus Groups

In the winter of 2021, the TPB conducted 11 virtual focus groups with 112 residents from around the Washington region. Each session was created with a specific demographic or geographic focus to better understand the perspectives of different populations groups of the region. The groups discussed the participants' lived experiences, challenges, and opportunities associated with transportation equity, safety, and climate change. Through the lens of these three topics, insights were provided across a range of TPB policy priorities.

These "Voices of the Region" focus groups were designed to be part of a wider package of public engagement activities that supported the update of Visualize 2045.

The purpose of the focus groups was to gather qualitative and in-depth data that contextualizes and informs how different population groups understand and experience transportation equity, safety, and climate change. The project prioritized recruiting and selecting participants from historically underrepresented population groups to supplement perspectives received in the public opinion survey.

Aspiration to Implementation

In the summer of 2021, the TPB conducted a public engagement campaign called Aspiration to Implementation to solicit input for the update of Visualize 2045, the region's long-range transportation plan. The campaign, which was conducted virtually, used posters and signs with QR codes to obtain comments from the general public about ways in which regional transportation projects, programs, and policies have affected their daily lives.

The campaign's QR code posters asked people for their personal reflections on projects or policies that are linked to the TPB's seven Aspirational Initiatives, which are policy-level strategies approved by the TPB in 2018.

The Aspirational Initiatives are:

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

PUBLIC COMMENT – APRIL 2021

For each amendment or update to its long-range plan that requires an Air Quality Conformity determination, the TPB conducts two 30-day public comment periods. This process was used for the 2022 Visualize 2045 and FY 2023-2026 TIP. The first public comment period occurred in the Spring 2021 before the TPB voted to approve new projects for inclusion in the Air Quality Conformity analysis for the plan. The second comment period occurred in Spring 2022 for the final approval of the full plan. Comments and responses from the two public comment periods were posted on the website. The TPB reviewed and accepted staff responses to the comments. The final versions of the plan and TIP documents include summaries of all comments and responses.

At the April 2021 TPB meeting, the board was briefed on the draft project submissions to be included in the Air Quality Conformity Analysis of the constrained element (project list) of the update to Visualize 2045 and the FY 2023-2026 TIP. The project submissions were released for a 30-day public comment and interagency review period at the TPB Technical Committee meeting on April 2, 2021. The comment period closed on May 3, 2021.

During this comment period, the TPB received: 163 comments via email, 65 from the public comment form on the TPB website, 1 comment via phone call, and 11 letters sent by individuals and advocacy groups.

Comments were summarized in a memo dated May 13, 2021, and were presented to the board on May 19, 2021. The board was asked to take these comments into consideration when approving project inputs and the Air Quality Conformity Analysis scope of work at the June TPB meeting. This comment period was not required by federal regulations.

PUBLIC COMMENT – APRIL 2022

The TPB held an open public comment period and interagency review of the following draft documents for public comment from April 1-May 1, 2022: Air Quality Conformity Analysis of the plan and TIP: Summary (this is Appendix C of the plan); 2022 Update to Visualize 2045, TPB's long-range transportation plan; FY 2023-2026 Transportation Improvement Program. Members of the public were invited to review the public comment materials available on the 2022 Update to Visualize 2045 draft plan page: <https://visualize2045.org/plan-update/draft-plan/> and they

were invited to submit comments on the draft materials. TPB staff advertised the public comment period via the TPB's public comment email distribution list, social media, TPB News, and newspaper advertisements on the Washington Post, Washington Hispanic, and the Afro-American Newspapers. Additionally, information about the public comment period was shared with the TPB's Technical, Community Advisory, and the Access for All Committees. The TPB also mailed out more than more than 3600 postcards announcing the comment period, the location of the draft materials, as well as conducted three virtual forums.

During this comment period, the TPB received 518 comments, which staff provided to the board in their entirety. Staff also produced a summary of comments and presented the summary to the board during its May 2022 meeting. One Comment from MWAQC was received confirming that the draft determination Air Quality Conformity analysis of the 2022 Update to Visualize 2045 and the FY 2023-2026 Transportation Improvement Program (TIP) meets applicable standards. Comments were posted on the board meeting page and also online at <https://visualize2045.org/get-involved/>.

TIP FORUM

For the FY 2023-2026 TIP, TPB staff conducted a federally required public meeting on the TIP in April of 2022. Due to ongoing concerns related to the COVID pandemic, this meeting was conducted virtually. At this event, called the "Virtual TIP Forum," TPB staff and staff of the implementing agencies answered questions about projects in the draft TIP and provided information on the funding and planning processes that are reflected in the TIP.

ONGOING INFORMATION SHARING

Beginning in 2010, the TPB made available to the public in an online, searchable database of all the transportation projects and programs in the long-range transportation plan and TIP. The 2022 update Visualize 2045 plan and website also includes a variety of other maps and visualizations, including new major projects in the financially constrained element of the plan, a new Voices of the Region Story Map, an interactive and enhanced environmental mitigation map, plus more.

The TPB also provided new ways of learning about the plan and the TPB's Aspirational Initiatives, including creating animated videos and infographics. These are available, some in Spanish, on the TPB's Visualize2045.org website on the resources page: <https://visualize2045.org/plan-update/resources/>.

12. Title VI and Related Nondiscrimination Regulations

The TPB has complied with longstanding federal regulations and guidance to ensure nondiscrimination in programs, procedures, operations, and decision-making regardless of race, ethnicity, income level, disability status, gender or age. Its current policy reads:

TITLE VI NONDISCRIMINATION POLICY

The Metropolitan Washington Council of Governments (COG) operates its programs without regard to race, color, and national origin and fully complies with Title VI of the Civil Rights Act of 1964 and related statutes and regulations prohibiting discrimination in all programs and

activities. For more information, to file a Title VI related complaint, or to obtain information in another language, visit www.mwcog.org/nondiscrimination or call (202) 962-3300.

El Consejo de Gobiernos del Área Metropolitana de Washington (COG) opera sus programas sin tener en cuenta la raza, el color, y el origen nacional y cumple con el Título VI de la Ley de Derechos Civiles de 1964 y los estatutos y reglamentos relacionados que prohíben la discriminación en todos los programas y actividades. Para más información, presentar una queja relacionada con el Título VI, u obtener información en otro idioma, visite www.mwcog.org/nondiscrimination o llame al (202) 962-3300.

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The state transportation agencies (DDOT, MDOT and VDOT) have an agreement with COG that specifies the terms and conditions for funding its administrative support of the transportation planning process (described in Section 2). The agreement requires COG to meet all US DOT MPO planning requirements and to adhere to Title VI of the Civil Rights Act of 1964 and applicable non-discrimination laws, and to comply with the small, disadvantaged and women-owned business enterprise requirements.

TITLE VI: CIVIL RIGHTS ACT OF 1964

The TPB fully complies with Title VI of the Civil Rights Act of 1964 and related statutes and regulations prohibiting discrimination in all programs and activities. The planning process is consistent with Title VI of the Civil Rights Act of 1964 and the Title VI assurance executed by each state under 23 U.S.C 794, 23 U.S.C. 324 regarding the prohibition of discrimination based on gender and USDOT guidance on environmental justice. The planning process also conforms to the Surface Transportation and Uniform Relocation Assistance Act of 1987, regarding the involvement of minority enterprises in FHWA and FTA funded projects.

The FTA requires that COG, as a Designated Recipient of the FTA Section 5310 Enhanced Mobility program, submit a Title VI Program to “document compliance with DOT’s Title VI regulations by submitting a Title VI Program to their FTA regional civil rights officer once every three years or as otherwise directed by FTA”. The Program includes a policy statement, Title VI assurances and nondiscrimination complaint procedures. The Program also includes general requirements for MPOs. The TPB serves as the MPO for the Metropolitan Washington region. In May 2021, the COG Board also adopted the Title VI Program as required by FTA.

COG, as the administrative agent for the TPB, also has a “Title VI Plan to Ensure Nondiscrimination in all Programs and Activities” to document the ongoing efforts by COG and the TPB to ensure compliance with Title VI based on FHWA requirements. This Plan includes policies and procedures to ensure nondiscrimination in all COG and TPB programs and services (available at www.mwcog.org/nondiscrimination). While there is overlap between the Title VI Plan and Title VI Program, the Plan includes required elements for the FHWA, FTA, and other Federal agencies. COG’s Title VI plan and the Title VI complaint form are available here: <https://www.mwcog.org/nondiscrimination/>.

ACCOMMODATIONS FOR PEOPLE WITH DISABILITIES AND LIMITED ENGLISH SPEAKERS

To provide access to documents, meetings or any other planning activities for limited English proficiency populations and those with disabilities, the TPB follows the COG accommodations policy (<https://www.mwcog.org/accommodations/>). The accommodations policy is translated into the 6 most commonly spoken languages in the region other than English, available on the Accommodations page of the website, the six languages are Spanish, French, Korean, Vietnamese, Amharic and Chinese. The Visualize 2045 website includes a Google translation tool that will translate the webpage text from English to one of 90+ different languages. The TPB has a Language Assistance Plan that is provided in **Attachment F of COG's Title VI Plan**: <https://www.mwcog.org/file.aspx?D=t4YvIJWohdJDJzNILxx30CFRUhHwbfYYfy8u5U10%2b00%3d&A=9I5whxGU9mviEtK2SkDzGFq196snOHHkAdeLUA%2ftkkc%3d>. In 2022 COG added the Language Line Solutions for services to allow for translating phone calls to Spanish, Chinese (Mandarin and Cantonese), French, Japanese, Polish, Russian, Vietnamese, Armenian, Cambodian, German, Haitian Creole, Italian, Korean, Portuguese, Farsi, Tagalog, Thai, Urdu, and all other languages.

ENVIRONMENTAL JUSTICE EXECUTIVE ORDER

The USDOT Order 6640.23A issued "FHWA Actions to Address Environmental Justice in Minority Populations and Low-Income Populations" in June 2012 to provide guidance on how recipients of federal transportation assistance comply with Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations issued February 11, 1994.

To follow these federal environmental justice requirements, the TPB must identify and address, as appropriate, disproportionately high or adverse effects of its programs, policies, and activities on minority populations and low-income populations. The TPB has a two-pronged approach to ensuring nondiscrimination and meeting Title VI and Environmental Justice requirements both described here: Analysis: examining forecast impacts of the long-range transportation plan on low-income and minority populations, and Involvement: engaging transportation-disadvantaged populations in the planning process.

ANALYSIS OF DISPROPORTIONATE AND ADVERSE IMPACTS OF THE FINANCIALLY CONSTRAINED ELEMENT OF VISUALIZE 2045

An enhanced Environmental Justice Analysis will be conducted on the financially constrained element of the 2022 update to Visualize 2045. The enhanced EJ analysis will occur in two phases. The first phase is the identification of Equity Emphasis Areas which are small geographic areas that have above average concentrations of low-income and minority populations based on Census tract-level data. Low-income is defined as individuals with household income less than 1.5 times the federal poverty level, depending on size. The minority populations that will be used to identify the Equity Emphasis Areas include African American, Asian, and Hispanic or Latino. Identification of additional traditionally-disadvantaged populations will be included for research and analysis of regional equity discussion. Phase 2 of the EJ analysis will include examining accessibility to jobs, educational institutions, hospitals and travel times for the Equity Emphasis Areas compared to the rest of the region between the current year and 2045.

More information on the Equity Emphasis Areas, the enhanced EJ analysis of the 2018 Visualize 2045 and the EJ analysis of the 2018 approved plan are available [here](#)

<https://www.mwcog.org/transportation/planning-areas/fairness-and-accessibility/environmental-justice/equity-emphasis-areas/>.

INVOLVEMENT OF TRANSPORTATION-DISADVANTAGED POPULATIONS IN THE PLANNING PROCESS

To ensure that the voices of traditionally-disadvantaged populations are heard in the planning process, the TPB created the Access for All (AFA) Advisory Committee in 2001 to advise on issues and concerns of low-income populations, minority populations, and persons with disabilities. In 2016, the AFA was enhanced to include the work of the former Human Service Transportation Coordination Task Force updating the membership to include community leaders representing people with disabilities, low-income populations, minority populations, older adults, and people with limited English proficiency, as well as ex-officio representation from the transportation agencies in the region. The AFA is chaired by a member of the TPB who then makes regular reports to the TPB on AFA issues and concerns. The AFA website is at <https://www.mwcog.org/tpbafa/>.

Each time the region's long-range transportation plan and TIP are updated, the TPB solicits comments representing the concerns of traditionally disadvantaged populations (See Section 11). The TPB's mailing lists include hundreds of community groups that represent Title VI protected groups throughout the Washington region. Press releases are also sent to newspapers published by and for Title VI protected groups. In addition, the AFA committee reviews maps of proposed major projects and comments on the long-range transportation plan. The AFA chair, currently Canek Aguirre, presented those comments to the board on May 16, 2022. The comments are also documented in a memorandum to the TPB, which can be found in **Appendix I: Summary of Public Comment Periods**, available at [visualize2045.org/plan update](https://visualize2045.org/plan-update).

As described under Section 13 below, the updated Coordinated Human Service Transportation Plan is scheduled to be adopted by the TPB in December 2022. The Coordinated Plan identifies unmet transportation needs for people with disabilities, low-income individuals and older adults. The Coordinated Plan and information on the Enhanced Mobility funding program is available at <https://www.mwcog.org/transportation/planning-areas/fairness-and-accessibility/human-service-transportation-coordination/> and <https://www.mwcog.org/transportation/programs/enhanced-mobility/>.

AMERICANS WITH DISABILITIES ACT AND REHABILITATION ACT OF 1973

The TPB complies with the provisions of the Americans With Disabilities Act of 1990 (Public Law 101-336, 104 Stat. 327, as amended) and the U.S. DOT implementing regulation ensuring the nondiscrimination of individuals with disabilities. The TPB also complies with related regulations under Section 504 of the Rehabilitation Act of 1973.

The TPB also complies with the Older Americans Act, confirms opportunity for employment with no discriminatory personnel practices because of age and Section 324 of 23 U.S.C. No one of the basis of gender shall be denied participation in or benefits of any program or activity receiving federal assistance under Title 23.

DISADVANTAGED BUSINESS ENTERPRISES (DBES) GOAL AND SMALL BUSINESS PARTICIPATION ELEMENT

It is COG's policy to ensure nondiscrimination in the award and administration of its DOT-assisted contracts and to create a level playing field on which Disadvantaged Business Enterprises (DBEs), as defined in 49 CFR Part 26, can compete fairly for COG's DOT-assisted contracts. Accordingly, COG encourages DBEs to compete for COG contracts and subcontracts and encourages joint ventures between DBE and non-DBE firms who compete for COG contracts and subcontracts.

COG's "Disadvantaged Business Enterprise Program Administrative Program Policy" dated March 2020 includes procedures to provide for subcontracting to disadvantaged businesses enterprises and a Small Business Participation Element and can be found at <https://www.mwcog.org/documents/2020/03/11/dbe-program-policy-dbe-policy/>. COG's FY2022-2024 DBE goal methodology for Disadvantaged Business Enterprise (DBE) participation has been provided to FTA Region III and will be posted upon FTA approval. All COG contracts and subcontracts include the required standard clauses, including lobbying prohibition. These documents can be found at <https://www.mwcog.org/purchasing-and-bids/dbe-policy/>.

13. Human Service Transportation Coordination

The TPB adopted an update to the Coordinated Human Service Transportation Plan in November 2014 to guide the implementation of the FTA Enhanced Mobility for Older Adults and Individuals with Disabilities Program (Section 5310) which can be found here:

<https://www.mwcog.org/coordinated-human-service-transportation-plan/>. A draft of an updated plan is in process and is anticipated to be completed and submitted to FTA for approval in December 2022. The Coordinated Plan identifies the unmet transportation needs for people with disabilities, low-income individuals, and older adults, and also provides demographic data and maps of traditionally-disadvantaged population groups. The TPB's AFA Committee oversaw the development of the updated Coordinated Plan. People with disabilities, older adults, and those with low-incomes, in addition to transportation and human service agencies, serve on the AFA.

COG serves as the designated recipient for the FTA Enhanced Mobility Section 5310 programs in the Washington DC-VA-MD Urbanized Area. The Coordinated Plan and information on the Enhanced Mobility Program are available at

<https://www.mwcog.org/transportation/programs/enhanced-mobility/> and the updated version will be posted upon FTA approval.

14. Congestion Management Process

The TPB maintains a Congestion Management Process (CMP) that is part of the regional transportation plan and is committed to management of the existing and future transportation system through the use, where appropriate, of demand management and operational management strategies. These strategies, when taken form a large portion of the CMP. The CMP addresses the requirements laid out in the final planning regulations. The 2022 update to Visualize 2045 addresses the CMP in its "Performance Planning" chapter, along with the topics of Performance-Based Planning and Programming (PBPP) and Safety. More information on the CMP can be found at <https://www.mwcog.org/CMP>, in **Chapter 8 (Planning for Performance)** of

Visualize 2045, and in **Appendix E: CONGESTION MANAGEMENT** found at visualize2045.org/plan-update.

The CMP has four main components:

1. Monitoring and evaluating transportation system performance
2. Defining and analyzing strategies
3. Compiling project-specific congestion management information
4. Implementing and assessing strategies With the CMP, the TPB aims to use existing and future transportation facilities efficiently and effectively, reducing the need for highway capacity increases for single-occupant vehicles (SOVs).

Congestion Management Process (CMP) documentation is included in the TPB's process for soliciting projects from implementing agencies for Visualize 2045 and the TIP. The transportation implementing agencies are required to submit a Congestion Management documentation form for each project or action proposing an increase in SOV capacity. The implementing agencies submit documentation of CMP strategies considered in conjunction with significant federally-funded Visualize 2045 or TIP projects.

15. Systems Performance, Operations and Technology

The TPB has several on-going efforts related to management, operations and technology to help the region maximize the efficiency and effectiveness of the transportation system. The TPB has a Systems Performance, Operations and Technology Subcommittee. Related programs include the Metropolitan Area Transportation Operations Coordination (MATOC) Program and the Regional Intelligent Transportation Systems (ITS) Architecture, and recent research regarding the potential impacts of Connected and Autonomous Vehicles (CAVs) on metropolitan transportation planning. More details on the committees and programs can be found at <https://www.mwcog.org/transportation/planning-areas/management-operations-and-safety/>.

16. Safety Planning

The TPB ensures the consideration of safety throughout the transportation planning process. Safety is a key factor in the long-range transportation planning process. It is a consideration for all projects submitted for inclusion within the financially constrained element of the 2022 update to Visualize 2045. Safety is a key element of the PBPP process – the TPB monitors and sets targets for five PBPP highway safety-related performance measures. In July 2020, the TPB adopted Resolution R3-2021 articulating a policy statement on roadway safety and establishing a Regional Roadway Safety Program to assist member jurisdictions and the region to develop and/or implement projects, programs, or policies to equitably improve safety outcomes for all roadway users. This resolution was informed by the results of an in-depth consultant-led study commissioned by the TPB to understand the factors behind the unacceptably high number of traffic fatalities and serious injuries on the region's roadways and identify evidence-based strategies to address them.

The TPB's Transportation Safety Subcommittee meets regularly to guide ongoing highway safety analysis, identify the most significant highway safety problems, and exchange information among member jurisdictions and other stakeholders. For more information and to view the activities of

the transportation safety subcommittee, go to <https://www.mwcog.org/committees/transportation-safety-subcommittee/>.

17. Freight Planning

The TPB is dedicated to incorporating freight into the transportation planning process. The 2016 National Capital Region Freight Plan describes the role freight transportation plays in the region's economy, provides an overview of the region's multimodal freight transportation system, describes the drivers of freight demand and the freight flows resulting from it, identifies the most significant freight issues in the region, and provides policies and recommendations to ensure the multimodal freight transportation system continues to support the economy of the region and the quality of life of its residents and visitors. The TPB Freight Subcommittee meets bimonthly to exchange information and to provide stakeholder input into the TPB freight planning products. The TPB intends to update its regional freight plan starting in 2022. For more information and to view the freight planning documents and freight subcommittee activities, go to <https://www.mwcog.org/freight>.

18. Bicycle and Pedestrian Planning

The TPB approved the 2022 Bicycle and Pedestrian Plan on May 18, 2022. This plan is available online at <https://www.mwcog.org/file.aspx?&A=gxbmEq%2bjA1DtBBoQyMuBPmE2QZ9lo1fbXXgHo2jnmns%3d>. The plan supports many TPB regional objectives including the National Capital Trail Network, and reflects emerging aspects such as micromobility and evolving pedestrian and bicycle facilities design. This plan identifies the capital improvements, studies, actions, and strategies that the region proposes to carry out for major bicycle and pedestrian facilities. The Bicycle and Pedestrian Subcommittee of the TPB Technical Committee assisted in the development of the plan and continues to meet regularly to exchange information among stakeholders and provide advice to the TPB on bicycle and pedestrian issues. This was a major update of the previous plan that the TPB approved on January 2015, available here: <https://www.mwcog.org/documents/bicycle-and-pedestrian-plan/>.

To promote pedestrian and bicycle safety, the TPB sponsors the regional Street Smart campaign, which consists of Fall and Spring waves of advertising, public relations, and enforcement activities. For more information on the campaign see bestreetsmart.net.

An example of how TPB integrates bicycle and pedestrian considerations into the metropolitan planning process was the development of a regional Complete Streets Policy, which was adopted on May 16, 2012. TPB has also sponsored a regional Green Streets workshop as it considers ways to encourage more pedestrian-friendly streetscapes. More information about the TPB's bicycle and pedestrian planning activities can be found at: <https://www.mwcog.org/transportation/planning-areas/walking-and-biking/>.

19. Environmental Consultation and Mitigation

The TPB uses established procedures in its Participation Plan for environmental consultation. The TPB has completed an extensive data collection and mapping effort that compares the constrained element of the 2022 update to Visualize 2045 with the region's natural and historic resources and associated conservation plans. Under this initiative, the TPB has worked with federal, state, and local resource agencies in the region to collect a wealth of environmental data on locations of floodplains, green infrastructure (as defined by Virginia and Maryland conservation plans), historic sites (as defined by national and separate state registers), protected lands (as defined by state wildlife management and conservation plans), and wetlands. In order to accurately compare the transportation plan with these resources and environmental plans, the TPB directly collaborated with regional environmental resource experts at the MWCOG. An updated and enhanced interactive map can be accessed at <https://www.mwcog.org/maps/map-listing/visualize-2045-environmental-consultation-environmental-inventory-mapping/>.

Visualize 2045 also includes an environmental potential mitigation discussion which identifies potential activities to moderate the environmental impacts of the long-range transportation plan. The TPB's environmental consultation process is described in Chapter 6 of the 2022 update to Visualize 2045, in Appendix G of the 2022 plan (<https://visualize2045.org/plan-update/>) and historical information on TPB's previous CLRP website: <https://www.mwcog.org/clrp/elements/environment/default.asp>

20. Regional Transportation Priorities Plan and Aspirational Initiatives

The TPB approved the Regional Transportation Priorities Plan (RTPP) in January 2014 at the conclusion of a three-year process. The RTPP is a policy document that focuses attention on a limited number of transportation strategies with the greatest potential to advance regional goals rooted in the TPB Vision. The strategies are meant to be "within reach" both financial and politically. They were identified through a combination of technical analysis, stakeholder input, and public outreach.

Seeking ways to promote implementation of the RTPP, the TPB in 2014 asked staff to compile a list of unfunded transportation projects identified by member jurisdictions that could potentially play a role in improving transportation system performance but have not been included in the region's plans due to a lack of anticipated funding. In 2015, the TPB established a working group to identify a limited number of unfunded priority projects that will address key deficiencies in the long-range transportation plan and support implementation of RTPP goals. This TPB working group was later named the TPB Long-Range Plan Task Force. Full documentation of their proceedings is available at <https://www.mwcog.org/lrptf>.

In 2015 and 2016, staff compiled a draft inventory of unfunded capital transportation needs, comprising approximately 500 projects that are included in state, local and regionally approved plans, but are not currently included in the CLRP. In 2016, the task force oversaw scenario planning activities that analyzed the potential impacts of building all the projects in this inventory (the "All-Build Scenario") and conversely identified the impacts of building no new projects (the "No-Build Scenario") between now and 2040.

Having learned from the All-Build study that new capacity projects alone cannot solve the region's transportation issues, the TPB directed the Long-Range Plan Task Force to explore ways to enhance the current mix of projects, programs and policies that make up the region's long-range transportation plan. The TPB directed the task force to identify six to ten projects, policies, and programs that would have the potential to improve the performance of the region's transportation system and to make substantive progress towards achieving the goals laid out in TPB's and COG's governing documents.

The Long-Range Plan Task Force used the RTPP as a guide throughout their deliberations – the goals from the RTPP were used as the goals the task force set for their own work – and the regional challenges identified in the RTPP shaped the challenges the task force set out to address. The task force explored combinations of approaches that would promote multimodal travel and reduce vehicle miles traveled. The task force voted to determine which packages of projects should be studied, made that recommendation to the TPB, and the TPB approved the list of ten initiatives for study. TPB staff and a consultant team studied the ten initiatives chosen for analysis and presented the results back to the task force and the TPB. The scenario analysis exercise demonstrated how the ten initiatives compared to each other in terms of a set of performance measures and challenges agreed upon by the task force.

The task force then came to a consensus that five of the ten initiatives that were studied held the most promise, based on the results from the analysis. On December 6, 2017, the task force agreed to advance five of the ten initiatives that were studied to the TPB for its endorsement (Bring Jobs and Housing Closer Together, Expand Bus Rapid Transit Regionwide, Move More People on Metrorail, Provide More Telecommuting and Other Options for Commuting, and Expand Express Highway Network).

At the December 2017 TPB meeting, the TPB passed a resolution proclaiming that the TPB “endorses the attached list of five initiatives, found to have the most potential to significantly improve the performance of the region's transportation system compared to current plans and programs, for future concerted TPB action, and directs staff to include these initiatives in the aspirational element of the TPB's long-range transportation plan, Visualize 2045.”

The final two of the seven Aspirational Initiatives were endorsed by the TPB at its January 2018 meeting. These two initiatives focus on regional pedestrian and bicycle improvements (Improve Walk and Bike Access to Transit and Complete the National Capital Trail). In addition to including the initiatives in the aspirational element of Visualize 2045, the TPB resolved that staff should use the initiatives “as a factor in selecting projects for the TPB's Transportation Land Use Connections (TLC) Program and the federally funded Transportation Alternatives Set-Aside Program,” effectively establishing a system to ensure these initiatives are prioritized through activities the TPB directs.

Endorsing these seven Aspirational Initiatives helps the TPB provide strategies and guidance to the region to fulfill the goals originally laid out in the RTPP.

Following the approval of the 2018 plan, the TPB staff have taken steps to promote and support implementation of the Aspirational Initiatives. Activities include producing infographics and animated videos about the Aspirational Initiatives, conducting a series of site visits to meet with the Transportation and Planning Directors in the TPB planning area to discuss the initiatives, the

agencies’ activities, and how the TPB could support its member jurisdictions. The TPB also conducted a public outreach activity called Aspiration to Implementation to gather input from the public on how real projects, programs and policies that represent the initiatives, such as existing components of the National Capital Trail Network, impact their lives. This information was shared in a report and via a Story Map.

21. Transportation/Land Use Connections (TLC) Program

The Transportation/Land Use Connections Program provides short-term consultant services to local jurisdictions working on creative, forward-thinking, and sustainable plans and projects. The TPB provides consultant assistance of \$30,000 to \$60,000 for local planning projects, and up to \$80,000 for design or preliminary engineering. Since 2007, the TLC program has funded more than 156 projects for nearly \$7 million. Technical assistance may include a range of services, such as: transit corridor and station area planning; transit demand and feasibility assessments; pedestrian and bicyclist safety and access studies; streetscape improvement plans; design guidelines and roadway standards; trail design; Safe Routes to School planning; Complete Streets policy guidance; and transit-oriented development studies. More about TLC can be found at <https://www.mwcog.org/transportation/planning-areas/land-use-coordination/tlc-program/>.

In recent years, the TLC Program focused its project solicitation on key regional objectives, including strengthening Regional Activity Centers, better serving the people that live in Equity Emphasis Areas, and promoting access to transit, and increasing cross-jurisdictional coordination in planning. The TLC Program also includes a Regional Peer Exchange Network, which conducts programs to encourage learning among TPB member jurisdictions and stakeholders about TLC projects and experiences.

Since 2012, the TLC Program has provided staffing support for the TPB’s responsibilities under the MAP-21 Transportation Alternatives Program (TAP). On annual basis, the TPB works with the state DOTs to select small capital improvement projects using TAP funding sub-allocated to the metropolitan Washington region.

22. Related Documents and Other Items on the Web

This self-certification refers to information and documents available on the website; below is a summary of where to find the latest information after the June 15, 2022, TPB approval of Visualize 2045, the TIP and the air quality conformity determination.

Item	Specific Location in Visualize 2045 or on the Website
Visualize 2045	visualize2045.org
2022 and 2018 Visualize 2045 Plan Document	visualize2045.org
Visualize 2045 Voices of the Region outreach and Story Map	https://visualize2045.org/voices-of-the-region/ https://visualize2045.org/voices-of-the-region/story-map/
FY 2023-2026 TIP	mwcog.org/TIP

Air Quality Conformity Analysis of the Financially Constrained Element of Visualize 2045	Appendix C – Air Quality Conformity Report visualize2045.org/plan-update
Visualize 2045 Technical Inputs Solicitation	Appendix B – Summary of Projects in the Financially Constrained Element visualize2045.org/plan-update
Public comments on the plan and TIP	Appendix J – Summary of Public Comment Periods visualize2045.org/plan-update
Financial Plan	Appendix A – Financial Analysis visualize2045.org/plan-update
Regional Transportation Priorities Plan	mwcog.org/RTPP/
Participation Plan	mwcog.org/tpb-participation-plan/
COG Accommodations Policy	mwcog.org/accommodations/
FY 2023 UPWP	mwcog.org/transportation/plans/upwp/
Coordinated Human Services Transportation Plan	mwcog.org/coordinated-human-service-transportation-plan/
Congestion Management Process	Appendix E – Congestion Management Process Federal Compliance and Impact on Plan Development visualize2045.org/plan-update
Annual Listing of Projects	mwcog.org/obligation-report
Online Visualize 2045 & TIP Project Database	https://projectinfotrak.mwcog.org/
Environmental Mitigation Discussion	Appendix G – Environmental Consultation and Mitigation visualize2045.org/plan-update
Visualization of the Projects in the Financially Constrained Element of Visualize 2045	visualize2045.org/plan-update
Freight Plan	mwcog.org/freight-plan
Bike and Pedestrian Plan	mwcog.org/documents/bicycle-and-pedestrian-plan/
Safety Element and TPB Safety Program	Appendix F – Safety Planning visualize2045.org/plan-update
COG Title VI Plan	mwcog.org/TitleVI
Language Assistance Plan	Attachment B in mwcog.org/TitleVI

Long-Range Plan Task Force	mwcog.org/lrptf/
Transportation Land Use Connections (TLC) Program	mwcog.org/tlc

23. Federal Review of the TPB’s Planning Process

In April 2019, FHWA and FTA conducted a certification review of the transportation planning process for the Washington, DC-VA-MD Transportation Management Area (TMA). The review included the Fredericksburg Area Metropolitan Planning Organization (FAMPO) because a small portion of the TMA extends into part of Stafford County which is in the FAMPO area.

The certification review is documented in a June 2019 report. The next review will be scheduled in late 2022. All 2019 certification recommendations were completed and a summary letter describing the actions taken was transmitted on August 17, 2021.

24. Signature Pages

After the table on page 17 showing where each applicable requirement is described in the document, the signature pages are provided from the Departments of Transportations of the District of Columbia, Maryland, Virginia and the Transportation Planning Board and certify that the transportation planning process is addressing the major issues in the metropolitan planning area and is being conducted in accordance with all the applicable requirements.

25. Metropolitan Transportation Planning Process Applicable Federal Requirements

The following table identifies the section and pages where each of the applicable federal requirements listed on the signatures pages is addressed in this document.

Requirement	Addressed in Section	Page(s)
(1) 23 U.S.C. 134, 49 U.S.C. 5303, and 23 CFR part 450 (Metropolitan Planning);	All	2 to 20
(2) In nonattainment and maintenance areas, sections 174 and 176 (c) and (d) of the Clean Air Act, as amended (42 U.S.C. 7504, 7506 (c) and (d)) and 40 CFR part 93 (Conformity Determination);	8	5
(3) Title VI of Civil Rights Act of 1964, as amended (42 U.S.C. 2000d-1), 49 CFR part 21;	12	11 to 15
(4) 49 U.S.C. 5332 prohibiting discrimination on the basis of race, color, creed, national origin, sex, or age in employment or business opportunity;	12	11 to 15
(5) Section 1101(b) of MAP-21 (Pub. L.112-196) and 49 CFR part 26 regarding the involvement of disadvantaged business enterprises in USDOT funded projects (DBE Involvement);	12	15
(6) 23 CFR part 230, regarding the implementation of an equal employment opportunity program on Federal and Federal-aid highway construction contracts;	12	12
(7) The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 <i>et seq.</i>) and 49 CFR parts 27, 37, and 38;	12	11 to 15
(8) The Older Americans Act, as amended (42 U.S.C. 6101), prohibiting discrimination on the basis of age in programs or activities receiving Federal financial assistance;	12	11 to 15
(9) Section 324 of Title 23, U.S.C., regarding the prohibition of discrimination based on gender; and	12	11 to 15
(10) Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794) and 49 CFR part 27 regarding discrimination against individuals with disabilities	12	11 to 15

**METROPOLITAN TRANSPORTATION PLANNING PROCESS
SELF-CERTIFICATION
FOR THE NATIONAL CAPITAL REGION**

June 15, 2022

In accordance with 23 CFR 450.334, the District Department of Transportation, the Maryland Department of Transportation, the Virginia Department of Transportation and the National Capital Region Transportation Planning Board (TPB) which is the Metropolitan Planning Organization for the Washington DC-MD-VA Urbanized Area, hereby certify that the transportation planning process is addressing the major issues in the metropolitan planning area and is being conducted in accordance with all the applicable requirements of:

- (1) 23 U.S.C. 134, 49 U.S.C. 5303, and 23 CFR part 450 (Metropolitan Planning);
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- (9) Section 324 of Title 23, U.S.C., regarding the prohibition of discrimination based on gender; and
- (10) Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794) and 49 CFR part 27 regarding discrimination against individuals with disabilities.

Pam Sebesky, Chair
National Capital Transportation Planning Board (TPB)

Date

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SELF-CERTIFICATION
FOR THE NATIONAL CAPITAL REGION**

June 15, 2022

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Everett Lott
Director
District Department of Transportation

Date

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SELF-CERTIFICATION
FOR THE NATIONAL CAPITAL REGION**

June 15, 2022

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R. Earl Lewis
Deputy Secretary of Policy, Planning, and Enterprise Services
Maryland Department of Transportation

Date

**METROPOLITAN TRANSPORTATION PLANNING PROCESS
SELF-CERTIFICATION
FOR THE NATIONAL CAPITAL REGION**

June 15, 2022

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John D. Lynch, P.E.
District Engineer
Virginia Department of Transportation

Date

June 8, 2022

The Honorable Pamela Sebesky
Chair
Mr. Kanathur Srikanth
Deputy Executive Director, Metropolitan Planning
National Capital Region Transportation Planning Board
Metropolitan Washington Council of Governments
777 North Capital Street, N.E., Suite 300
Washington DC 20002

Dear Chair Sebesky and Mr. Srikanth:

I am writing to provide an update to the National Capital Region Transportation Planning Board (TPB) on transit improvements being developed as part of Phase 1 South of Op Lanes Maryland. This update was requested as part of resolution TPB R2-2022.

As part of Phase 1 South, the Maryland Department of Transportation (MDOT) is committed to encouraging carpooling and providing regional transit benefits consistent with the Aspirational Initiatives incorporated in Visualize 2045. Vehicles with three or more occupants and buses will be able to use the proposed high-occupancy toll (HOT) lanes for free. This will provide new options for carpools and new opportunities for free-flow transit crossing the new American Legion Bridge, connecting people and jobs in Maryland and Virginia. A bicycle and pedestrian path will also be provided across the new American Legion Bridge connecting trails in Maryland and Virginia and providing the option of interstate bicycle travel.

In addition to the above carpooling and transit benefits, MDOT committed to provide mitigation as part of the Phase 1 South highway improvements including increasing the number of bus bays at the Shady Grove Metrorail Station, increasing parking capacity at the Westfield Montgomery Mall Transit Center, and delivering the Metropolitan Grove Operations and Maintenance Facility including the necessary bus fleet. Since the TPB resolution, MDOT has further defined the scope and developed conceptual design for each of these transit improvements in collaboration with Montgomery County and other stakeholders. We remain committed to furthering the development of these transit benefits with stakeholders and delivering these mitigation resources as part of Phase 1 South to support expanded transit operations for the long term.

The MDOT also remains committed to funding not less than \$60 million for designing and permitting high priority transit investments in Montgomery County. The specific projects were recently identified by Montgomery County and MDOT has allocated funding in fiscal years 2023 and 2024 to facilitate coordination with stakeholders and develop plans for final delivery and operation. An estimated \$300 million in transit investment from toll revenues is currently proposed by the Developer over the operating term of Phase 1 South.

The Honorable Pamela Sebesky
Mr. Kanathur Srikanth
Page Two

These transit commitments will be included in the Final Environmental Impact Statement for the I-495 and I-270 Managed Lanes Study (MLS), which is expected to be published on June 17, 2022. A Record of Decision (ROD) for the MLS is expected later this summer. All funding and future agreements are contingent upon a ROD and the financial close of a future public-private partnership (P3) agreement with the Developer. As this project advances, MDOT remains committed to updating the TPB at future milestones and approval stages of the project.

By connecting Phase 1 South to the Virginia Department of Transportation's 495 Express Lanes Northern Extension and complimenting these managed lanes network with transit investments, MDOT has implemented policies that align with several Aspirational Initiatives to address the region's toughest challenges. From providing opportunities for commuter bus routes that connect people and jobs, expanding the congestion-free managed lanes network to encourage carpooling, and removing barriers for walkers and bicyclists, Phase 1 South will dramatically improve people's lives over the next 20 plus years.

We look forward to working with the TPB and our partners to advance new travel options and opportunities for our citizens, and we will continue to update you as we move forward with this program. If you need further assistance, please contact Jeffrey T. Folden, P.E., DBIA, MDOT State Highway Administration (MDOT SHA) I-495 and I-270 P3 Office Director, at 410-637-3321 or jfolden1@mdot.maryland.gov. Mr. Folden will be happy to assist you.

Sincerely,



R. Earl Lewis, Jr.
Deputy Secretary

cc: Mr. Jeffrey Folden, Director, Office of Public Private Partnership, MDOT SHA
Mr. Jeff Hirsch, Assistant Secretary for Policy Analysis and Planning, MDOT
Ms. Heather Murphy, Director, Office of Planning and Capital Programming, MDOT
Ms. Kari Snyder, Regional Planner, Office of Planning and Capital Programming,
MDOT

Recommendation for Approval, Draft: Air Quality Conformity Findings, 2022 Update and FY 23- 26 TIP; and Self Certification

Stacy Cook, TPB Transportation Planner
Transportation Planning Board
June 15, 2022
Agenda Item #7



visualize
2045

A long-range
transportation plan
for the National
Capital Region


(Cook/TPB)

Agenda Item #7

- Today, the TPB will be asked to take the following actions:
 - Adopt Resolution R15-2022 to approve the 2022 Update to Visualize 2045 and the FY 2023-2026 TIP
 - Adopt Resolution R16-2022 finding that the 2022 Update to Visualize 2045 and the FY 2023-2026 TIP conform with the requirements of the Clean Air Act Amendments of 1990
 - Adopt Resolution R17-2022 to self-certify that the TPB is following the metropolitan transportation planning process

Resolution to Approve the 2022 Update to Visualize 2045 and FY 23-26 TIP


- TPB staff recommend that the TPB take the following action:
 - Adopt Resolution R15-2022 approving the 2022 Update to Visualize 2045 and the FY 2023-2026 Transportation Improvement Program (TIP)



The 2022 Update to Visualize 2045 long-range transportation plan and the TIP meet the federal requirements for fiscal constraint, and all other federal requirements.

Resolution to Approve Air Quality Conformity Determination

- TPB staff recommend that the TPB take the following action:
 - Adopt Resolution R16-2022 finding that the 2022 Update to Visualize 2045 and the FY 2023-2026 TIP conform with the requirements of the Clean Air Act Amendments of 1990



The 2022 Update to Visualize 2045 meets the federal Air Quality Conformity requirements—mobile source VOC and NOx emissions associated with the plan/TIP are below EPA approved motor vehicle emissions budgets

Resolution to Approve Self Certification

- TPB staff recommend that the TPB take the following action:
 - Adopt Resolution R17-2022 to self certify that the TPB is following the metropolitan transportation planning process



The TPB carries out a cooperative and comprehensive performance-based multimodal transportation planning process consistent with federal regulations (23 CFR § 450).

Representatives of the Departments of Transportation of the State of Maryland, Commonwealth of Virginia, and District of Columbia provide oversight, and sign the self-certification document.

Stacy M. Cook

Transportation Planner

(202) 962-3335

scook@mwcog.org

mwcog.org/TPB

Metropolitan Washington
Council of Governments

777 North Capitol Street NE,
Suite 300

Washington, DC 20002

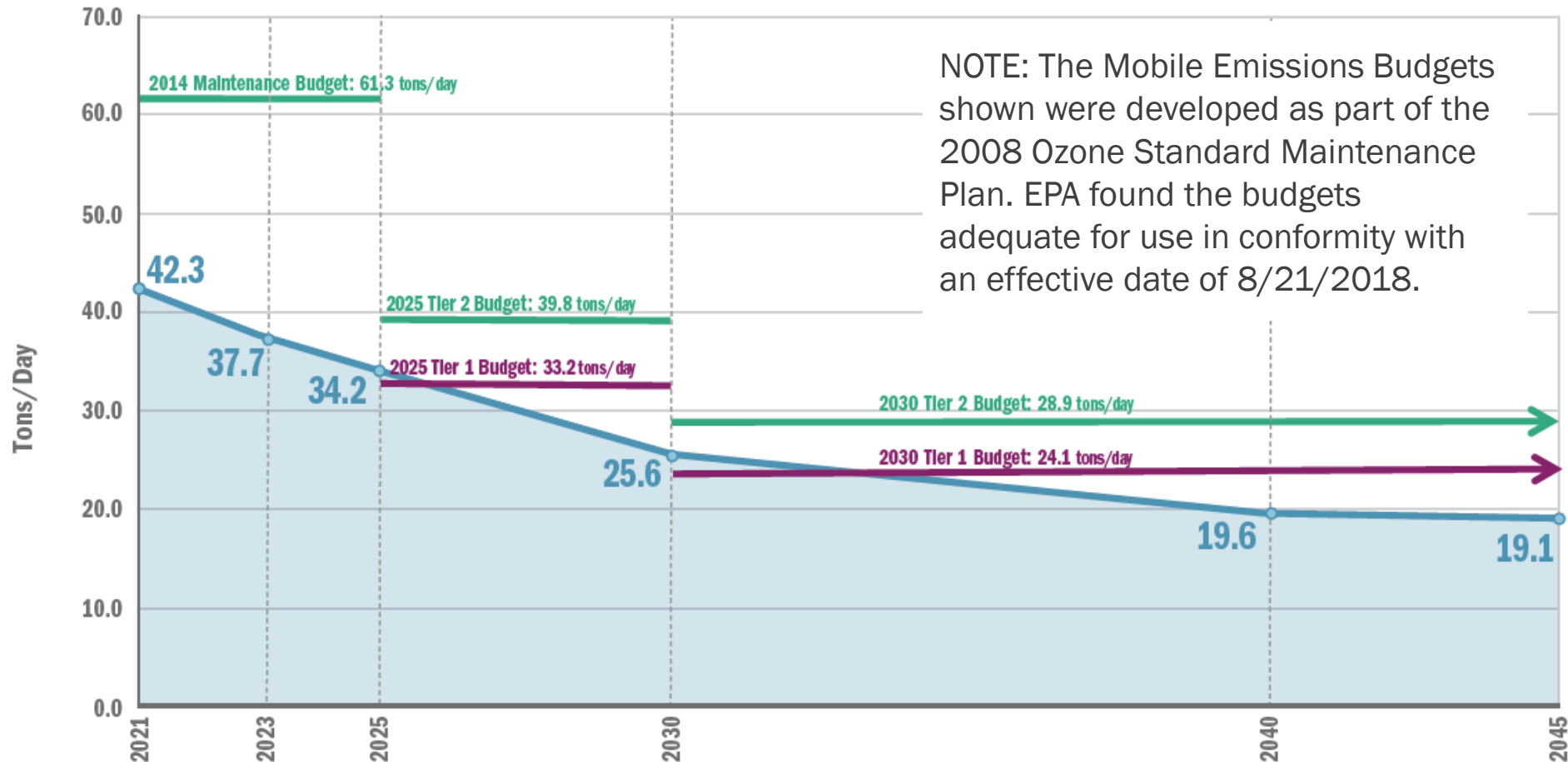
Many Federal Requirements

Federal Planning Factors <ul style="list-style-type: none"> • Preservation of the existing transportation system. • Efficient system management & operation • Integration & connectivity across and between modes • Support the economic vitality of the metropolitan area • Protect & enhance the environment • Increase the security of the transportation system • Support homeland security & safeguard security of all users • Improve resiliency & reliability of transportation system • Increase the safety of the transportation system • Increase accessibility & mobility of people • Increase accessibility & mobility of freight • Enhance travel and tourism. 	Financial Constraint Funds must be reasonably expected to be available.	Air Quality Emissions generated by use of the transportation system in the future must not exceed pollution budgets set by the EPA.
	Public Participation	Performance-Based Planning and Programming <ul style="list-style-type: none"> • Highway Safety • Highway Assets • Highway System Performance • Vehicular Emissions • Transit Asset Management • Transit Safety
	Congestion Management Process Agencies must consider alternatives to adding capacity for single-occupant vehicles	
	Title VI and Environmental Justice	

Air Quality Conformity

Forecast
Data

2022 Update to Visualize 2045 Air Quality Conformity Mobile Source Emissions and Mobile Emissions Budgets Ozone Season: Volatile Organic Compounds (VOCs)



What Are Federal Requirements to Fund Visualize 2045?

- 20+ year horizon
- For purposes of transportation system operations and maintenance: system-level estimates of costs and revenue sources
- Estimates of funds that will be available to support metropolitan transportation plan implementation
- All necessary financial resources from public and private sources that are **reasonably expected** to be made available to carry out the transportation plan shall be identified

(BeyondDC/Flickr)

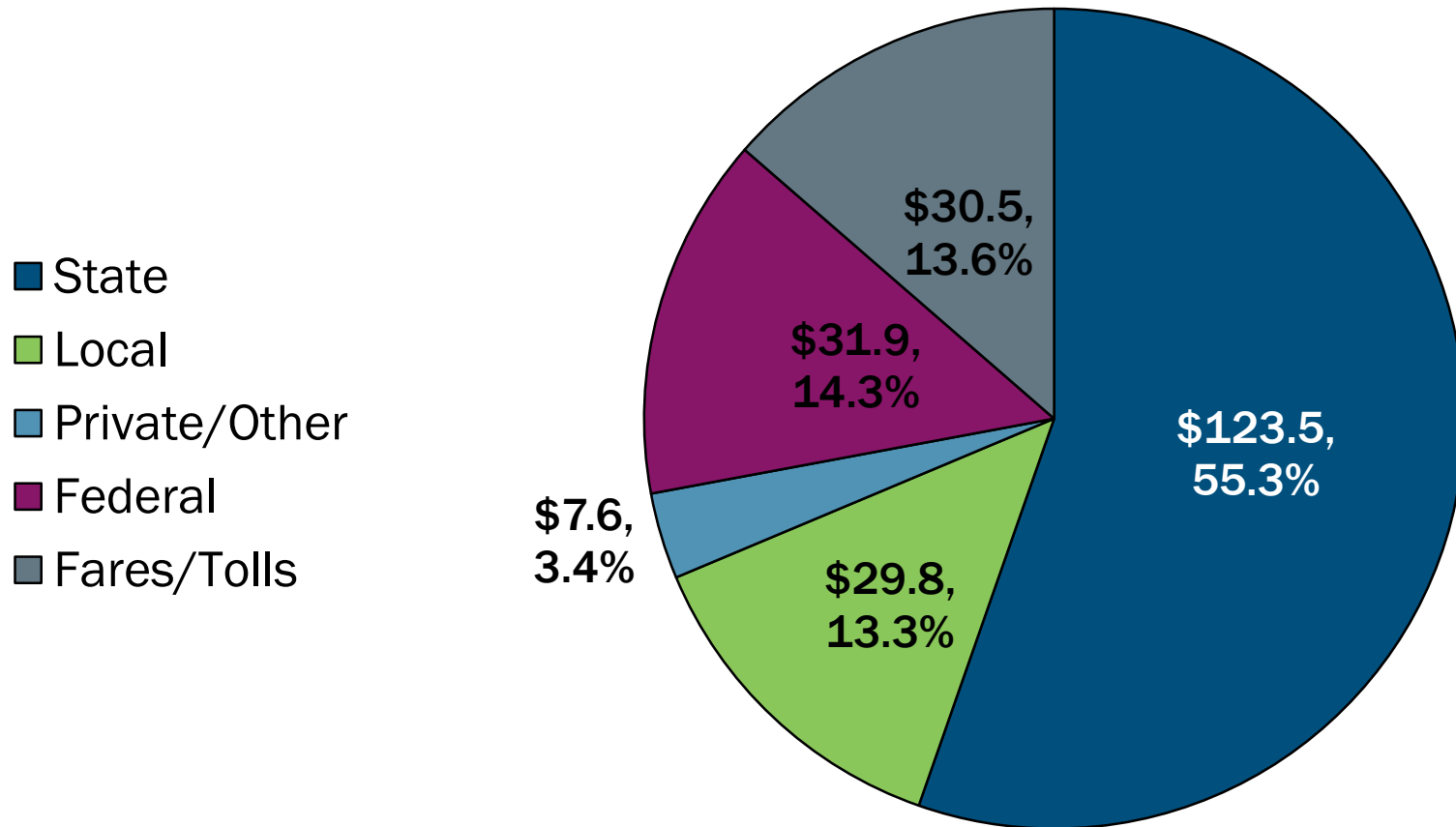


The 2022 Update to Visualize 2045 long-range transportation plan meets the federal requirements for fiscal constraint.

Regional Revenues: Visualize 2045

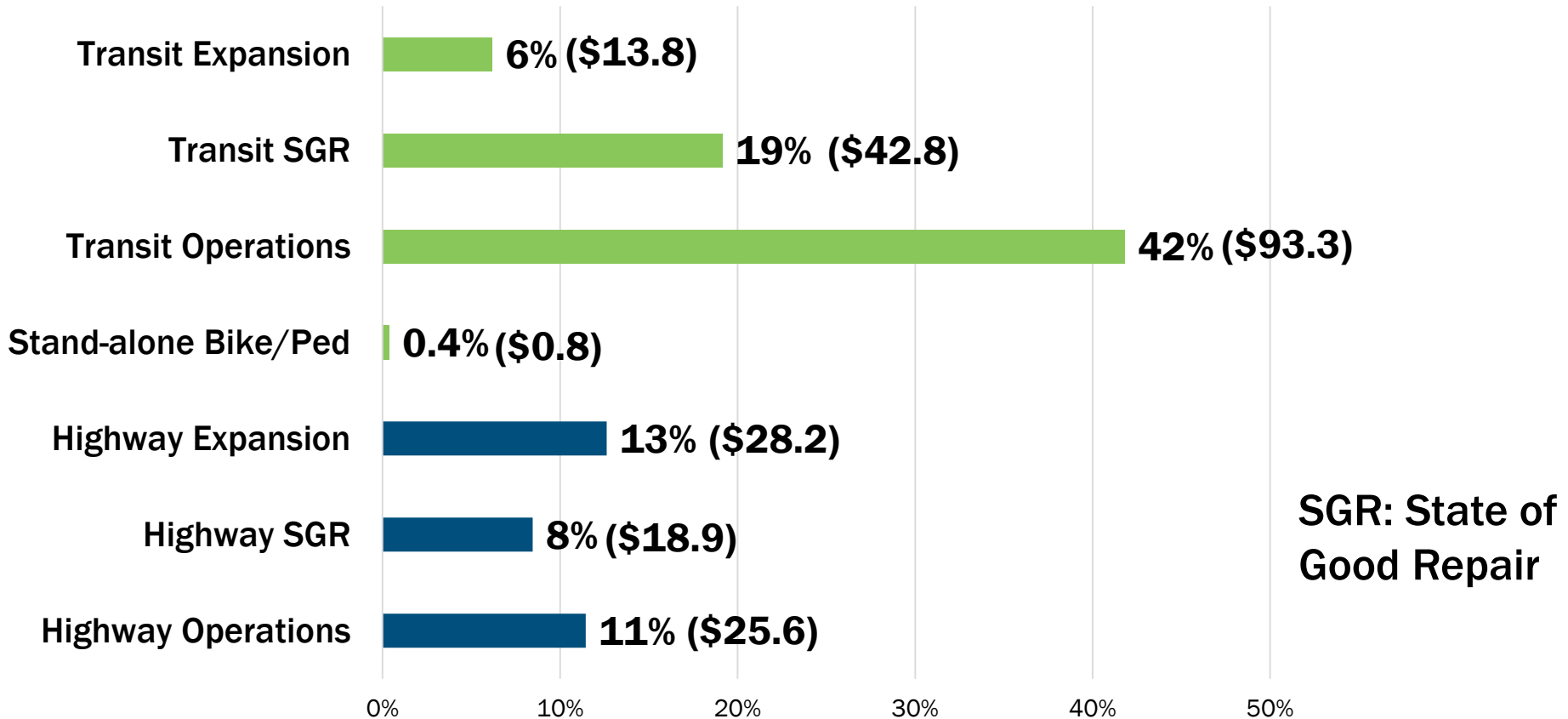
(2023-2045; Billions, in Year of Expenditure)

Total of \$223.3 Billion



Regional Expenditures: Visualize 2045

(2023-2045; Billions, in Year of Expenditure)



Total = \$223.3 Billion



Draft FY 2023-2026 Transportation Improvement Program (TIP) Summary

- About \$11 Billion in funding for next four years
- TIP provides the schedule for the next four years for distributing federal, state, and local funds for state and local transportation projects
- TIP projects include those that are in the first four years of the plan, plus other project types that use federal funding, such as roadway and transit maintenance projects, and operational programs

