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FY 2025



National Capital Region
Transportation Planning Board

Work Program Progress Report
DECEMBER 2024

FY 2025

METROPOLITAN WASHINGTON COUNCIL OF GOVERNMENTS

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TPB Work Program Progress Report
DECEMBER 2024 FY 2025

The TPB approved its FY 2025 Unified Planning Work Program (UPWP) in March 2024. The TPB Work Program Progress Report summarizes each activity for December. In addition, this report concludes with status updates reflecting timelines for all ongoing program plans and projects. Please reference the 2025 UPWP for details concerning the approved budget, and work description for each task. The following graphics identifies all the activities in the UPWP.

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Task 1	BUDGET	Billed this month	% Funds Expended	UPWP Page
LONG RANGE TRANSPORTATION PLANNING	\$1,776,609	\$101,207	37%	43

1. LONG-RANGE TRANSPORTATION PLANNING

1.1 – Visualize 2045 Implementation

Staff completed processing the non-regionally significant inputs for Visualize 2050 and presented a status report to the Technical Committee and STWG at the December meeting. This includes identifying the projects that have been completed since the adoption of Visualize 2045. Staff worked with agencies on updating the list of transportation resiliency projects for amendment into the Visualize 2045 plan.

1.2 – Environmental Justice and Equity

Staff continued reviewing the equity considerations sections of the Visualize 2050 planning process documents as each section became available. Leadership initiated review of draft Visualize 2050 process documents where equity considerations is a section within each topic area. In addition, leadership began review of the environmental justice and equity planning process document. Staff continued exploring options for refining and improving the results of the Equity Deep Dive study as the current study period closes and prepares for additional research to be conducted next fiscal year.

1.3 – Future Plan Development

Staff completed processing the non-regionally significant inputs for Visualize 2050 and presented a status report to the Technical Committee and STWG at the December meeting. All agencies received requests for NRS project input clarifications and staff worked with agencies to assist them in making those clarifications in the PIT database. Staff continued drafting the Overarching Projects, combining short- and long-term activities for simpler communication in the plan. Staff also began communicating with agencies regarding mapping updates needed for regionally significant projects in the new PIT. All of these activities are part of the ZBB effort. Staff began preparations for a January Technical Committee briefing on the status of the ZBB activities and the outlook for 2025.

Staff continued drafting the remaining parts of the Visualize 2050 process document and plan. Staff held the monthly 2050 team meeting, weekly meetings for plan coordination and PIT items. Staff met bi-weekly with the graphic designer, drafted the plan cover, and continued constructing the new V2050 website. Staff worked on an updated schedule for 2025 to complete all plan development activities through approval anticipated in December 2025.

1.4 – Federal Compliance

Staff participated in the December 2, 2024 VA transportation agencies annual meeting for which TPB is required to participate according to Virginia law.

1.5 – Policy Board-Directed Activities

Staff maintained a calendar of key activities and met internally to ensure progress on plan development. Staff worked on options for plan development activities in 2025, in light of the Southside Express Lanes project NEPA timeline. Staff continued work on the conformity analysis as directed by the Board.

1.6 – Resiliency Planning

Staff continued to make progress on two consultant projects, the Regional Interior Flooding Analysis and the Economic Impact Case Study/Analysis, which will continue to enhance our understanding of resilience challenges on the transportation system of the region. For the interior flooding analysis, staff continued to work with the selected data provider on the process of acquiring this data, which includes working closely with legal to adjust language on the agreement with the vendor. Work on the economic impact case study project continued with final selection of assets to study in several asset categories based on feedback from the subcommittee, and data collection began in earnest. Updates to the TRIP continued as staff began to collect projects for addition to the prioritized project list for PROTECT eligibility and plans were made to incorporate the TRIP into Visualize 2045 through a resolution. Prepared and presented to TPB Technical Committee and TPB Board on these TRIP updates.

Staff also continued to work across departments at COG and the region: presenting at the DC Silverjackets meeting held at COG on December 18, coordinated with the climate resilience team at WMATA on areas of overlap and joint interest, worked with the TPB GIS department on various ongoing data analysis projects, and met with the NCPD staff on the Potomac River flooding project they are undergoing. Staff also continued to participate in advancing the field of transportation resilience planning by attending webinars and reviewing reports and continues to serve on the leadership team organizing AMPO’s Environment and Resiliency interest group quarterly webinars, attending bi-monthly resilient roads roundtable meetings, and monthly meetings with transit resilience planners from up and down the east coast.

Task 2	BUDGET	Billed this month	% Funds Expended	UPWP Page
TRANSPORTATION IMPROVEMENT PROGRAM	\$611,722	\$31,992	33%	47

2. TRANSPORTATION IMPROVEMENT PROGRAM

2.1– Transportation Improvement Program (TIP)

At its meeting on Friday, December 6, the TPB Steering Committee adopted two resolutions to amend the FY 2023-2026 TIP at the request of the Maryland Department of Transportation (MDOT) and Virginia Department of Rail & Public Transportation (DRPT). Both amendments are exempt from the air quality conformity requirement and are described in further detail in the bullets below.

- TPB SR23-2025, requested by MDOT, adds approximately \$95 million to the following five project and program records:
 - New Carrollton Multimodal Transportation Station (T13654) – New project record. Add \$47 million for planning.
 - Transit Oriented Development (TOD) Purple Line Corridor Studies (T11624) – Add \$1.65 million to the project and update the record to include the FY 2024 TOD Study titled “Building an Equitable Transit-Oriented Purple Line Corridor.”
 - Southern Maryland Rapid Transit (SMRT) Project (T11620) – add \$15 million for preliminary engineering of the transit study.
 - Commuter Connections Program (T6635) – add approximately \$10 million
 - Add \$4.6 million to implement the Maryland Equitable Charging Infrastructure Partnership (MECIP) (T13613)
- TPB SR24-2025, requested by PRTC & NVTC added \$4.3 million in Section 5307 and local matching funds for the VRE Property Acquisition for Platform Easements project (T13652).

In addition to the TIP amendments, TPB staff approved administrative modifications to eight (8) project and program records requested by DDOT (4), MDOT/SHA (3), and MDOT/MTA (1).

2.2–TIP Database Support

Consultant EcoInteractive, continued to provide their Software as a Solution platform, customized and branded as TPB’s Project InfoTrak database application, as well as ongoing bug fixes and help desk support for staff and member agency users.

In December, EcoInteractive performed the following tasks under the ten (10) standard maintenance hours per month provided for in the baseline contract:

- Fixes were made to the Amendment Summary reporting tool.
- Fixes were made to email notifications to staff on pending user account sign-up requests.
- Fixes were made to several bugs that were preventing users from accessing the system and from saving data that they had entered.
- Training was provided to TPB staff on aspects of the new platform
- Staff met weekly with our consultant representative to discuss ongoing issues.

The consultant also performed the following tasks under a professional services expansion package to the baseline contract that provides forty (40) hours of additional work per quarter:

- Work was done on the update of the Project Description Report from the previous platform to the new platform.
- Some fields such as Secondary Agency, and Contact Phone number were changed from required to not-required.

Task 3	BUDGET	Billed this month	% Funds Expended	UPWP Page
PLANNING ELEMENTS	\$3,639,007	\$140,391	38%	49

3. PLANNING ELEMENTS

3.1 Performance-Based Planning

TPB staff briefed the Technical Committee and the TPB on the final annual regional targets for highway and transit safety. The board passed resolutions adopting the two sets of targets. Staff commenced work on collecting data for regional transit asset management targets.

3.2 Congestion Management Process

TPB Staff gave a comprehensive briefing to the Technical Committee and the TPB on the Congestion Management Process (CMP), including the various activities, roles, and responsibilities of TPB, Commuter Connections, MATOC, and other organizations.

The Vehicle Probe Data Users Group met on December 12. Agenda items included a presentation on using ITIS Platform toolbox to assess the immediate and ongoing impacts on local and regional mobility of the sudden loss of the Key Bridge and a presentation on using big data for project traffic analysis, focused on the 495 NEXT project.

3.3 Systems Performance, Operations, and Technology Planning

The consultant report summarizing the recent inventory of member agencies regarding operations technology was accepted as final. Staff prepared to brief a summary of the report to the Technical Committee.

The SPOT Subcommittee met on December 5. Agenda items included an update on the Regional Multi-Modal Mobility Program (RM3P) by VDOT, a MATOC update by MATOC staff, and a TPB staff update on ITS architecture. Staff also presented an overview of the final consultant report of the technology inventory. Staff attended a DDOT stakeholder session for their AV Deployment Report.

3.4 Transportation Emergency Preparedness Planning

Preparations were undertaken for future meetings of the Transportation Emergency Preparedness Committee (R-ESF 1) discussing current regional transportation emergency preparedness issues.

3.5 Transportation Safety Planning

During the December Technical Committee and TPB meetings, staff presented final highway safety targets for consideration, and the targets were approved by the Board at its December 18 meeting under Resolution R5-2025.

As a follow-up to the Board's November meeting where it affirmed the actions coming out of the Safety Summit, staff developed a proposed timeline for implementing the actions which was shared with the TPB. Staff also drafted a letter to the USDOT Office of the Secretary committing to the Allies in Action campaign. Following Board approval and submittal to the USDOT, staff coordinated with the Office of the Secretary's Office to clarify the Board's pledge. The consultant team also finalized and delivered a post-Summit summary.

Meetings were also held with the consultant team to advance the regional safety study.

A planning session was held on December 3 with the Transportation Safety Subcommittee Chair to identify topics and speakers for future Subcommittee meetings.

3.6. Bicycle and Pedestrian Planning

Staff participated in a DC Safe Community Coalition Meeting as well as a Pedestrian-Bicycle Area Emphasis Team (P-BEAT) meeting on December 12.

3.7 Regional Public Transportation Planning

The Regional Public Transportation Subcommittee (RPTS) did not meet in December 2024. Staff met with the incoming RPTS Chair to coordinate the 2025 meeting schedule and potential topics for discussion.

Staff continued to support the DMVMoves transit initiative, developing meeting and reference materials, facilitating technical working group meetings and collaborating with on-call planning consultants.

Staff continued work on the intercity bus and rail travel study with the on-call planning consultants, reviewing deliverables and coordinating on the development of a presentation to RPTS regarding the study's webmap product.

Staff continued work on the 2023 State of Public Transportation Report and process documents for the Visualize 2050 plan.

Staff attended the NVTB BRT Working Group meeting, the monthly WMATA JCC, NVTC's annual Legislative Forum, quarterly NVTC ZEB Working Group, a National Capital Region Bus Leaders Committee meeting, and a ribbon-cutting for the new Arlington Transit Operations and Maintenance facility, among other external coordination and information sharing events.

3.8. Freight Planning

A planning session was held on December 12 with the Freight Subcommittee Chair to identify topics and speakers for future Subcommittee meetings.

3.9 Metropolitan Area Transportation Operations Coordination Program Planning

A regularly scheduled monthly meeting of the MATOC Steering Committee took place virtually on December 20. A major topic was preparations for the upcoming Presidential Inauguration, as well as the holiday period downtown core Metrorail shutdown.

Task 4	BUDGET	Billed this month	% Funds Expended	UPWP Page
PUBLIC PARTICIPATION	\$867,522	\$45,125	39%	53

4. PUBLIC PARTICIPATION

4.1 Public Participation and Outreach

The December meeting of the TPB Community Advisory Committee (CAC) was held virtually. The meeting featured a facilitated discussion with the TPB. Officers from Maryland, Virginia, and DC spoke briefly about how they coordinate their regional work at the TPB with the local interests that they represent as elected officials. The CAC broke out into virtual groups by state to hold deeper discussions.

4.2 Communications

The following stories were featured in TPB News and in COG news releases:

DMVMoves Task Force considers transit funding scenarios

December 2, 2024

Website updates: Staff updated the Unified Planning Work Program on the COG website.

Communications materials: TPB staff contracted with a graphic designer to develop a new TPB display banner to use at public outreach events.

Staff shared information about TPB activities via social media:

Northern Virginia Joint Meeting (Dec 1), NVTB joint meeting repost (Dec 3), COG DMVMoves update (Dec 3), TPB Fall 2024 Highlights (Dec 10), Board meeting reminder (Dec 16), Christina Henderson chair recognition (Dec 19), CAC Chair Ra Amin recognition (Dec 19), Pamela Sebesky Manassas recognition (Dec 20)

Staff completed the following in support of Task 1 Long-Range Transportation Planning:

- Coordinated with Visualize 2050 website and design consultant to finalize webpage design for consultant development of the new Visualize 2050 website. The consultant sent the TPB staff links to review and perform initial testing on the website. Testing will continue in January and early February 2025.
 - TPB staff continued to identify photos for use in the Visualize plan, process documents, and website and continued updating a photo log for staff use. Photos were shared with the Visualize 2050 consultant
 - Edited and proofread content and formatting for Visualize process documents on a rolling basis and coordinated staff communications related to the Visualize planning process.
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Task 5	BUDGET	Billed this month	% Funds Expended	UPWP Page
TRAVEL FORECASTING	\$3,540,239	\$173,359	29%	59

5. TRAVEL FORECASTING

5.1 Network Development

Staff completed network coding and Quality Assurance/Quality Control (QA/QC) for the air quality conformity analysis of Visualize 2050, the region's long-range transportation plan. In total, staff completed networks for the following analysis years: 2025, 2026, 2030, 2040, 2045, and 2050 and for two Options (Option A without the I-95 Southside Express Lanes project and Option B with the I-95 Southside Express Lanes project). In December, network development staff provided the 2050 network files for input to travel demand modeling runs and then reviewed the travel model results for reasonableness.

In an investigation to understand the cause of a decrease in bus-to-Metrorail trips in forecast years in the travel model, staff reviewed transit route stop data. The review included confirming that the origins and destinations of transit routes are identified as stop nodes, and that these routes are linked to the relevant Metrorail stations through designated bus station nodes. While staff did find some stop node data errors, a sensitivity test revealed that these errors had minimal impact on the travel model results. Staff began correcting the stop node data errors in the regional network database.

As part of the Gen3 Travel Model documentation, staff updated a map showing the existing and forecast-year express lanes in the long-range transportation plan.

Staff developed year-2045 network files in Cube Public Transport (PT) format for the Gen3 Model usability testing.

Staff implemented several enhancements to an automated procedure in COGTools that performs QA/QC checks on the network files exported from the Unified Network Database. Staff plans to demonstrate them to other staff. Staff updated the COGTools Station Management Module to address an issue recently encountered by network staff. This update will be tested by staff. Staff committed changes to the COGTools source files since July 2024 in the GitHub repository.

Staff continued to develop utilities in Python that can be used to facilitate network development activities:

- Staff extended a network inputs checker program to include various checks on transit network inputs. Staff executed the program to perform QA/QC checks on the network inputs prepared for the Gen3 Model usability testing. Staff found several coding issues and reported them to the network development staff.
- Staff plans to replace an outdated VB.NET-based program with a Python program that generates an LOV/HOV equivalence table as an input to the highway validation program. Model development staff and network development staff met on December 11 to discuss the next steps.

On December 18, network development staff provided an overview of the network database and COGTools to several members of the Travel Forecasting and Emissions Analysis (TFEA) Team, including a new employee who started in December.

Staff continued to develop a highway and transit network report for the Gen3 Travel Demand Model. This report will be included in the Gen3 Model transmittal package when the model is released for production use.

5.2 Model Development and Support

The TPB Travel Forecasting Subcommittee (TFS) generally meets in odd-numbered months, so it did not meet in December. Nonetheless, staff prepared the meeting highlights from the November 22 TFS meeting.

Generation 2/Ver. 2.4 Travel Model

Staff continued to distribute the transmittal package for the Gen2/Ver. 2.4.6 Travel Model and the March 22 version of the Round 10.0 Cooperative Forecasts land use data files for travel forecasting per data requests.

Staff replaced Mambaforge with Miniforge3 in the production-use Gen2 Model, as Mambaforge has been retired. Staff conducted a test run to confirm that the update worked correctly. Staff also updated the working copy of the Gen2 Travel Model User's Guide to reflect this change.

Generation 3 Travel Model

Staff continued to work on the Phase 3 development of the Gen3 Travel Model, an activity-based travel model (ABM) implemented in both ActivitySim software and Bentley Systems OpenPaths Cube software. The goal of Phase 3 is to ensure that the new model is working correctly prior to its introduction to production use. Phase 3 also involves updating related modeling procedures that will be needed to use the model for production work (e.g., toll setting). COG/TPB staff is taking the lead on the Phase 3 development, with support from the on-call consultant team, RSG and Baseline Mobility Group (BMG). Specifically:

- Staff continued to make updates, including new features, feature enhancements and bugfixes, to the Gen3 Model as needed.
 - Based on the preliminary usability testing results, RSG was tasked with addressing the following issues by end of January:
 - RSG will update the tour/trip mode choice models to address the overestimation of single-occupancy-vehicle (SOV) trips and underestimation of high-occupancy-vehicle (HOV) trips.

- RSG will update the tour/trip time-of-day choice models to address the underestimation of trip departures in the PM period and overestimation in the night-time (NT2) period.
 - RSG will investigate the suspicious volume increases on screenlines #26 and #27 and update the internal-external/external-internal (IX/XI) auto-driver model as needed.
- Staff tested different stopping criteria in the toll searching algorithm to better match simulated tolls with the observed data. The testing is currently put on hold until RSG updates the Gen3 Model.
- Staff fixed the error-trapping mechanism in the toll setting step and conducted a test run to confirm the fix.
- The testing of ActivitySim Version 1.3.1 for the Gen3 Model was put on hold in December.
- Staff continued to test OpenPaths Cube (Cube 2024) for the Gen2 and Gen3 models. Bentley Systems, Inc., provided a beta version of the software (v.2024.01). Staff tested it but encountered a different run error.
- Staff continued to review the Gen3 Model User's Guide and update it up to Version 1.0.3.
- Staff continued to work on the Gen3 Model usability testing:
 - Staff reviewed the 2030 model results and found them to be reasonable.
 - Staff prepared 2045 model inputs and conducted the model run. Staff created model summaries for 2045 and are in the process of reviewing them.
 - Staff are in the process of conducting three additional sensitivity tests based on the 2025 baseline model run:
 - Staff conducted a 2025 sensitivity test in both the Gen2 and Gen3 models that adds one lane per direction on I-95 between the DC and Baltimore beltways. Staff generated model summaries and shared the observations and findings in writing within the team. The documentation of this work is underway.
 - Staff conducted another 2025 sensitivity test related to telecommuting. Staff generated various model summaries and are summarizing observations/findings in writing.
 - Staff started to work on the third sensitivity test in both the Gen2 and Gen3 models that implements cordon pricing for the central business district (CBD) area of Washington, D.C. Staff developed the cordon congestion zone and are working to update the model inputs for the sensitivity tests.

Software support

Working with COG's Office of Information Technology (IT), TPB staff continued to maintain the software and hardware used to conduct travel demand forecasting and mobile emissions modeling. Hardware includes travel model servers (TMS) and mobile emissions model workstations (MEMWs) maintained at COG. Software includes Bentley Citilabs Cube, Python, Git/GitHub, R, MOVES, MySQL, MariaDB, and a travel speed post processor, implemented in Cube, for estimation of mobile emissions.

Staff have continued to meet, conduct model tests, and work with IT staff to address any issues related to the performance of workstations and servers using the Amazon Web Services (AWS) cloud servers. TPB staff are continuing to conduct tests to ensure that the processes that used to be executed using the on-premises computers can now be executed in the cloud. TPB staff are continuing to back-up the files located on the on-premises servers.

Other activities

In December, two data requests were serviced: one request was for the Gen2/Ver. 2.4.6 Travel Model compatible with the latest version of Cube (Cube 7/2024) and the other request was related to trying to apply the Gen2/Ver. 2.4.6 Travel Model using OpenPaths Cube 2024. Both requests were from an academic from George Washington University (GWU).

Staff attended ActivitySim Consortium meetings regularly on Tuesdays and Thursdays. Staff also attended the Monthly Partners-Only Check-in meeting on December 19.

Staff continued to conduct daily modeling work on AWS cloud servers and work with IT to resolve issues encountered on the AWS servers.

Staff provided orientation for a new team member. Staff created goals for the new employee for his six-month introductory period. Staff also conducted a series of training sessions for the new employee, on topics such as the Gen2 and Gen3 models, GitHub repositories and workflows, and developing TFS highlights.

Task 6	BUDGET	Billed this month	% Funds Expended	UPWP Page
MOBILE EMISSIONS PLANNING	\$3,287,883	\$149,144	34%	63

6. MOBILE EMISSIONS PLANNING

6.1 Air Quality Conformity and Other Activities Associated with the Long-Range Transportation Plan

Staff continued to attend coordination meetings related to scheduling tasks for the 2025 update of the region's Long-Range Transportation Plan, Visualize 2050, including the air quality conformity analysis, system performance analysis, and environmental justice analysis. Staff developed initial drafts of the plan process documentation (formerly known as the appendices) with a focus this month on the documents covering travel demand forecasting and scenario planning.

Staff completed travel demand model runs for the 2050 analysis year and conducted the related quality assurance tasks and reasonableness checks.

Staff completed MOVES emissions modeling runs for the 2030 and 2040 analysis years and conducted the associated quality assurance tasks and reasonableness checks.

For both travel demand and emissions modeling, staff executed sensitivity tests, where needed, to help explain and understand the findings.

6.2 Mobile Emissions Analysis, Including Activities Associated with Climate Change Planning

COG's Department of Environmental Programs (DEP) and TPB staff coordinated on a schedule for the upcoming development of a Maintenance State Implementation Plan (SIP) related to the Redesignation Request and Maintenance Plan (RR/MP) associated with the 2015 National Ambient

Air Quality Standards (NAAQS). DEP and TPB staff coordinated with state air agencies regarding the use of MOVES4 versus MOVES5 models to develop on-road mobile emission inventories for the upcoming RR/MP associated with the 2015 ozone NAAQS.

TPB staff continued to work with DEP staff, member jurisdictions, and state air agencies to facilitate various aspects of air quality and climate change planning activities in the region.

Staff continued to coordinate planning activities with the state departments of transportation related to the Carbon Reduction Program (CRP). This program, established by the Bipartisan Infrastructure Law (BIL), provides funds for projects designed to reduce on-road transportation emissions. Staff met with the District of Columbia Department of Transportation (DDOT) to discuss its draft scoring criteria and other elements of the process. Staff also worked with DDOT staff to identify the data needs related to the CRP project evaluation.

Staff continued to monitor developments related to the Climate Pollution Reduction Grants (CPRG), established by the Inflation Reduction Act. This program provides an investment of \$5 billion to support efforts by states, municipalities, air pollution control agencies, and tribes to develop and implement strong, local greenhouse gas reduction strategies. DEP staff and the project consultant (ICF) briefed the TPB Technical Committee on the Comprehensive Climate Action Plan (CCAP) that is being developed for the Metropolitan Statistical Area (MSA) through the program. The CCAP builds upon the Priority Climate Action Plan (PCAP) that was submitted to EPA in 2024. The committee was also briefed on the COG-led Charging and Fueling Infrastructure (CFI) Round 1 grant award and Round 2 application (item #8). TPB staff worked jointly with DEP staff to develop the presentation for the meeting.

Staff attended the first meeting of the City Data Innovation Consortium (December 16). One of the goals of the consortium is to create, using contemporaneous observations of greenhouse gas (GHG) concentrations in the atmosphere, a product that enables and allows for more effective collaboration between regional and local city planners and federal agencies to monitor and evaluate their GHG mitigation policies. Staff developed a presentation and briefed the consortium on the TPB's on-road emissions inventory development process and the main challenges associated with the process.

Staff also attended the "Every Day Counts" - GHG Webinar 5 on Integrating GHG Emissions Reductions into Transportation Improvement Programs (TIP/STIP) Programming (December 3).

In support of the electric vehicle planning activities, staff met with the Montgomery County Department of Environmental Protection consultant (ERG) and discussed the methodology used to develop the Regional Electric Vehicle Implementation Infrastructure (REVII) Strategy.

As the version of MOVES that was last used in the air quality conformity analysis (MOVES2014b) cannot be used for these types of analyses starting with January 2023, TPB staff continued to conduct MOVES model tests using the most recent model version (MOVES4) and evaluate the impacts of new software on both criteria pollutants and GHGs in conjunction with the Visualize 2050 plan. MOVES4, specifically MOVES4.0.1, is being used in the Visualize 2050 air quality conformity analysis. Staff also continued to follow developments related to the next version of the MOVES model (MOVES5), which was released for testing by the EPA (November 21). Staff attended a webinar on the MOVES5 model organized by the EPA.

Task 7	BUDGET	Billed this month	% Funds Expended	UPWP Page
TRAVEL MONITORING AND DATA PROGRAMS	\$5,303,709	\$131,375	18%	67

7. TRAVEL MONITORING AND DATA PROGRAMS

7.1 Transportation Research and Analysis

Staff provided project oversight and management for several large projects/initiatives, including the DMV Moves Survey and the Transportation Inequities in Disadvantaged Communities Study.

Staff continued developing the scope for the next Regional Travel Survey (RTS) and conducted several internal meetings with program staff and procurement staff in anticipation of preparing the RFP for the upcoming RTS.

Staff developed and delivered a presentation on the DMVMoves Survey to the TPB Technical Committee on at its monthly meeting on December 6.

Staff reached out to data providers to create data sets for access and egress mode analysis.

Staff explored the RTS data set and data dictionary for corresponding variables for the access and egress analysis.

Staff conducted access and egress mode analysis from perspectives of the region and jurisdictions.

Staff met internally to discuss the renewal of big data products (Replica and Streetlight).

Staff coordinated legal and executive review of updated terms and conditions for Big Data products by StreetLight and Replica.

Traffic Trends

Staff continued to receive hourly count data from Virginia for eventual inclusion in the RTDC.

Staff requested and received the 2025 highway network from the Travel Forecasting and Emissions Analysis (TFEA) team and matched it with the 2021 network to develop a lookup table between the two for the next traffic- on-network-link update.

Staff compiled a list and met with team members to discuss the travel monitoring data collected and used by the Planning Data and Research Team.

Staff continued to update traffic-related data for inclusion in the RTDC while creating step-by-step instructions of the processes.

Staff worked to document and to train others on the development of traffic and HPMS data for inclusion in the RTDC for the purpose of succession planning.

Staff participated in the 2024 Highway Information Seminar during the first week in December.

Staff responded to a data request from DDOT staff to assist them in performing emission reduction calculations.

Meetings & Conferences

Staff participated in biweekly meetings with the Gen3 Model Development Team.

7.2 Data Management and Visualization Services

Staff completed cleaning and processing Metrorail ridership data received from the Washington Metropolitan Area Transit Authority (WMATA). Staff explored additional download capabilities of WMATA's online Ridership Portal and began to explore the portal to independently obtain ridership data. Staff continued to explore importing geospatial data files (using ArcGIS for Power BI, among others) into the visualization project.

Staff continued to work with fellow staff to support the upcoming work to update the Transit Access Focus Areas (TAFA). Staff met with fellow staff on December 10 to review preliminary analysis done to date and review next steps.

Staff continued to work with consultant staff supporting the TPB Intercity Travel Study on creating and managing the geospatial content for this project. Staff developed protocols for hosting geospatial content in TPB's ArcGIS Enterprise organizational account and employing collaboration groups to make the content available to consultant staff in TPB's ArcGIS Online organizational account. This work is ongoing,

Staff produced a final draft of a year-specific (2022/2023) Pavement and Bridge Dashboard to be used as part of the Visualize 2050 interactive mapping content. Staff responded to feedback received to finalize the application.

Staff worked with fellow staff to offering guidance on data acquisition and management in ArcGIS Pro and ArcGIS Enterprise in support of the Continuous Air Systems Planning (CASP) program.

Staff worked with the Plan Development and Coordination team to incorporate comments and feedback that inform the specifications for creating a Visualize 2050 existing conditions web mapping application.

Staff worked with Plan Development and Coordination staff to provide technical guidance for creating an online map showing the location of the current Community Advisory Committee applications received.

Staff continued to support the Regional Electric Vehicle Infrastructure Implementation (REVII) Strategy project by responding to questions regarding the spatial datasets and deliverables. Staff participated in a meeting with fellow TPB/COG staff and staff with ERG Group on December 11 to discuss issues regarding the REVII mapping, particularly GIS questions related to parcels in Montgomery County.

Staff met with staff from the Center for Advanced Transportation Technology (CATT) Lab at the University of Maryland on December 16 to discuss use cases for leveraging GIS output capabilities from the Probe Data Analytics (PDA) online suite of tools and the RITIS API for long-range planning applications and travel trends. This is an ongoing and developing conversation and collaboration.

Staff provided the photographs collected through the COG-wide Photo Contest web mapping application to the Office of Communications (OC) staff, in addition to an Excel spreadsheet with the details of submissions.

Staff met with staff from the Department of Environmental Programs (DEP) to discuss opportunities for spatial data collaboration on their Blue Green Infrastructure map as well as offer technical advisement for issues related to a map application for tree canopy hosted by Prince George's County.

Staff continued to perform several updates to and organization of geospatial content items in ArcGIS Online and ArcGIS Enterprise to support a more integrated and streamlined relationship between the two products. This work is an ongoing task of the Planning Data Resources team.

GIS Committee/GDX Working Group

Staff planned and participated in the November 19 GIS Committee/GDX Working Group virtual meeting. Highlights of the meeting included: Updates on CAD2GIS and GDX happenings, a presentation about QC Your Vehicle Routing Network, discussions on GIS Day Activities, 2025 GIS Committee Executive Committee Elections, and the regular status reports on Virginia and Maryland Next Gen 9-1-1. The 2025 Executive Committee are: Judy Doldorf (Chair), Shelby Roberson (Vice-Chair), and Tim Hutchison (Vice-Chair).

Data Requests

Staff responded to an inquiry from fellow staff regarding the availability of an off-the-shelf map of the TPB Planning area.

Staff responded to an inquiry from WMATA regarding the availability of a regional database of bike/ped serious injury and fatal crash locations from the last several years.

Staff responded to a request for assistance from the United States Geological Survey (USGS) regarding review of the District of Columbia 3D Elevation Program (3DEP) Fact Sheet.

Meetings & Conferences

Staff participated in the 2024 Highway Information Seminar virtual training, hosted by the Federal Highway Administration (FHWA) during the week of December 2-6.

Staff attended the Maryland State Geographic Information Committee (MSGIC) meeting on December 11.

Staff attended the Cooperative Forecasting and Data Subcommittee meeting on December 10.

Staff attended the TPB Vehicle Probe Data Users Group (VPDUG) meeting on December 12.

Staff attended the Planning Directors Technical Advisory Committee meeting on December 20.

Staff participated in the recurring meeting related to Visualize 2050 planning activities.

Staff continued to attend meetings with the Plan Development and Coordination staff related to Project InfoTrak inputs in support of Visualize 2050 as necessary.

Staff participated in meetings and email exchanges with the Travel Forecasting and Emissions Analysis Program team and their contractor, RSG.

Task 8	BUDGET	Billed this month	% Funds Expended	UPWP Page
REGIONAL LAND USE AND TRANSPORTATION PLANNING COORDINATION	\$1,144,171	\$40,637	26%	71

8. REGIONAL LAND USE AND TRANSPORTATION PLANNING COORDINATION

8.1 Regional Land Use and Transportation Coordination

Staff convened the Cooperative Forecasting and Data Subcommittee on December 10th. Greg Goodwin, Principal Planner with the COG staff provided a briefing about the status and schedule for updating the Round 10.0 Cooperative Forecasts. Mr. Goodwin made a presentation about recently released 2023 Gross Domestic Product data from the Bureau of Economic Analysis and the 2023 ACS 5-Year Estimates Data from the U.S. Census Bureau.

Staff hosted a virtual meeting of the Planning Directors Technical Advisory Committee on December 20th. Christina Stacy with the Urban Institute facilitated a discussion about a presentation she made at the September 27th Joint Housing Directors/Planning Directors meeting. Mr. Goodwin also provided a short briefing about the status and schedule for updating the Round 10.0 Cooperative Forecasts. Also, the committee spent some time re-capping the discussions during calendar year 2024 and briefly talked about possible topics for 2025.

Staff released the November issue of the Regional Economic Monitoring System (REMS) report that covers the following data points for the month of October 2024: Total Employment, Over-the-Year Inflation Rate, and Unemployment Rate, and New Housing Units Authorized During the Previous 24 Months. Similar data points for other MSAs are also collected for comparison purposes with the Washington MSA but not reported out.

Staff continued with compiling data from the Co-Star database for the future 2023 Commercial Construction and Multi-Family Construction reports.

Staff attended 2024 Capital Area Economic Forum in Vienna, Virginia, on December 4, 2024.

Staff continued work on the Activity Centers Map/Project during the month of December. A technical memo outlining the selection of each jurisdiction's Regional Activity Centers will be sent out following the November Planning Directors meeting. The following jurisdictional memos were sent out in December: Arlington County, Fairfax County, and the City of Falls Church.

Task 9	BUDGET	Billed this month	% Funds Expended	UPWP Page
COMPLETE STREETS, MOBILITY AND ENHANCEMENT PROGRAMS	\$1,190,323	\$44,408	17%	75

9. COMPLETE STREETS, MOBILITY AND ENHANCEMENT PROGRAMS

9.1 Enhanced Mobility Grant Program

Standard operations continued for 34 open Enhanced Mobility projects. Twelve requests for reimbursements totaling \$154,994.55 were processed and paid. A contract amendment was executed for a subrecipient who requested to extend their project. Budget modifications for two subrecipients were reviewed and approved. Five vehicles were inspected and delivered to subrecipients. Progress continued toward issuance of Round 6 contracts and project implementation.

9.2 Regional Roadway Safety Program

Progress on the six FY 2025 projects advanced as follows:

- **Jefferson Street Engineering, City of Frederick:** The consultant, City staff, and COG staff participated in a project kick-off on December 20.
- **Randolph Road Safety Improvement Project, Montgomery County:** The consultant conducted a field visit and reviewed and summarized relevant crash data.

- **Study of Proactive Approaches to Transportation Safety: Exploring near-miss data and innovation technologies, Prince George's County:** The consultant held a kick off meeting on December 3.
- **Seminary Road Safety Improvements, City of Alexandria:** A project kick off meeting was held on December 10.
- **S. George Mason Drive and S. Four Mile Run Drive Intersection Alternatives Analysis, Arlington County:** A project kick off meeting was held on December 9.
- **Wilson Boulevard Safety Improvements, City of Falls Church:** The consultant organized a site visit on Dec. 4 including city staff, MWCOC, and partner staff from neighboring jurisdictions. A Teams site was developed for sharing project documents.

9.3 Transportation Alternatives Set-Aside Program

The application period for the DC Transportation Alternatives Set-Aside Program closed on November 22. Two applications were initially received, but after preliminary review, one of these applications was deemed to be unready to receive funding in this cycle. Staff evaluated the remaining application for alignment with regional policies and discussed it with DDOT staff. Adjustments were made to accommodate budget constraints. The application was shared with the DC TAP selection panel, which was scheduled to meet on January 8 to determine recommendations for funding.

9.4 Transportation Land Use Connections Program

Work on all the FY 2025 TLC projects was underway. See below:

- Alexandria, Edsall Road Corridor Improvements – At their monthly meeting, the consultant discussed the Existing Conditions Report and talked about planning for the Design Charette
- College Park, River Road Protected Bike Lanes Project - 30% Design Phase – The city provided comments on the first initial concept. In response, the consultant submitted a revised concept.
- DC, Capital Bikeshare Fare Study – The consultant continued work on case studies and fare model development.
- DC, Public Space Strategies to Advance Racial Equity – In 12/6 a survey was distributed addressing the characteristics of effective public spaces, with a focus on racial equity and environmental justice. Additionally, the takeaways from the work session were shared, along with the next steps. The scheduling of the next work session is underway.
- Fairfax County, Wiehle Avenue Safety 30% Design – Monthly check in was on 12/16 where the consultant presented a snapshot of the traffic operations and crash analyses. Next follow up meeting is on 01/13.
- Frederick County, Southern East Street Redesign 30% Design – Mead & Hunt has prepared initial bike lane & two-way cycle track concepts to review with the city and met with the city staff in December to discuss the updates.
- Montgomery County, Montgomery County VMT Tool – A memo summarizing the best practices literature review, lessons learned, and recommendations was shared. The memo was discussed in a subsequent meeting.
- Rockville, Congressional Lane Complete Street Feasibility Study – Consultant presented the traffic and safety analysis and discussed design alternatives, parking utilization, and feedback from the RPAC. The 3 design alternatives that will be the deliverables were decided on at the December check-in.
- Takoma Park, New Ave Bikeway Purple Line Connection Study – The consultant completed the first draft report on the existing conditions which includes land use, traffic flows, pedestrian accessibility, opportunities, and constraints.

Staff finalized the application for the next solicitation for TLC and RRSP, which will be conducted between January 6 and March 7, 2025.

On December 2, staff released an RFQ to renew the list of master consultants for all three of the TPB's local technical assistance programs – TLC, RRSP, and TWR. Staff hopes to release the RFQ in early December. Submissions were originally due January 14, but that date was later extended to January 28.

New staff was hired to assume program management of TLC, TWR, and RRSP. Long-standing staff will be retiring this spring.

Task 10	BUDGET	Billed this month	% Funds Expended	UPWP Page
TPB MANAGEMENT AND SUPPORT	\$1,628,295	\$55,129	30%	77

10. TPB MANAGEMENT AND SUPPORT

Transportation Planning Board Committee Support and Management

This task includes activities not attributable to specific tasks in the work program but provides overall support for and management of the TPB and UPWP related activities.

- Provide administrative arrangements (such as preparation and distribution of meeting materials) and staff support for TPB and its various Committees, Sub-Committees, Task Forces and special TPB work groups meetings.
- Respond to requests from TPB members, federal agencies, Congressional offices, media and others for information or data of a general transportation nature
- Meet with TPB Board members and participating agency staff to discuss current and emerging regional transportation planning issues.
- Participate in meetings of other agencies whose programs and activities relate to and impact the TPB work program.
- Coordination of TPB Planning Activities with Program Directors day-to-day management of and allocation of staff and financial resources.
- Monitoring all work program activities and expenditures.

Staff support was provided for the monthly meetings of the following committees and subcommittees:

- State Technical Working Group (STWG)
- TPB Technical Committee
- TPB Steering Committee
- MWCOG Board meetings
- Transportation Planning Board (TPB)
- MATOC Steering Committee
- TPB Community Advisory Committee (CAC)
- Access for All (AFA)
- Regional Public Transportation Subcommittee (RPTS)
- Bicycle & Pedestrian Subcommittee
- COG Planning Directors
- TPB Freight Subcommittees
- CAOs Monthly

- Aptos System Performance Operation & Technology Subcommittee (SPOTS)

The Staff Director gave overall program management oversight into all the Department's activities. Work activities the Director was involved in during **DECEMBER 2024 FY 2025** include:

- Discussions, review, and finalization of the agenda topics for the TPB's Technical Committee, State Transportation Working Group (STWG) and Board meetings. This includes meeting with the Program Directors and project staff to review the progress and briefing materials for the Program Directors and project staff to review the progress and briefing materials.
- Participation in the STWG, TPB Technical, TPB Steering Committee, TPB's Citizen's Advisory Committee and the TPB Board Meetings.

Other added activities for the TPB Staff Director for **DECEMBER 2024 FY 2025** include Telephone / Web Ex / Microsoft Teams Communications:

- DCVMoves Monthly Meetings
- VDOT Joint Meeting
- MWCOG Building Reconstruction Calls
- Build America Bureau Funding Discussion w/ MTA, WMATA, VRE
- TPB Nominating Committee Call
- COG Annual Awards Ceremony Event
- FHWA D.C. Administrator Meeting

UPWP

The UPWP activities include:

- Supervise the preparation, negotiation, and approval of the annual work program and budget.
- involving the State Transportation Agencies, the TPB Technical Committee, the TPB Steering Committee and the TPB.
- Preparation of monthly UPWP progress reports for each of the state agencies administering planning funding and prepare all necessary federal grant applications submissions.
- Review all monthly UPWP invoices going to each of the state agencies administering planning *funding*.

Task 11	BUDGET	Billed this month	% Funds Expended	UPWP Page
TECHNICAL ASSISTANCE	\$1,686,948	\$54,452	9%	79
District of Columbia	\$296,890	\$0	0%	79
Maryland	\$537,832	\$0	0%	81
Virginia	\$446,894	\$54,452	20%	83
Regional Transit	\$405,331	\$0	0%	85

11. TECHNICAL ASSISTANCE

11.A District of Columbia

1. Program Development, Data Requests, and Miscellaneous Services

No Activity.

2. Regional Safety Program

As part of the Regional Safety Program, technical assistance projects were partially funded under the District of Columbia Technical Assistance Program. See the Regional Safety program section of this progress report for more details.

3. Transportation / Land Use Connections Program

As part of the Transportation Land-Use Connections Program, one technical assistance project in DC is partially funded under this PE number. See TLC item above (9.4) for further details about the TLC Program.

4. Other Tasks to Be Defined

No Activity.

11.B Maryland

1. Program Development, Data Requests, and Miscellaneous Services

No activity.

2. Project Planning, Feasibility, and Special Studies

No activity.

3. Transportation / Land Use Connections Program

As part of the Transportation Land-Use Connections Program, four technical assistance projects in Maryland are fully or partially funded under this PE number. See TLC item above (9.4) for further details about the TLC Program.

4. Regional Safety Program

As part of the Regional Safety Program, technical assistance projects were partially funded under the Maryland Technical Assistance Program. See the Regional Safety program section of this progress report for more details.

5. Other Tasks to be defined

No activity.

11.C Virginia

1. Program Development, Data Requests, and Miscellaneous Services

No activity.

2. Travel Monitoring and Survey

Staff performed QA/QC on the data from the eight eco counters along I-66 owned by VDOT for the period of 11/20/2024-12/15/2024 and reported the findings to VDOT staff.

Staff completed the draft of the 2024 Spring VDOT Active Transportation report and shared it with VDOT staff.

Staff began validation of the active transportation data collected in the fall of 2024..

3. Travel Demand Modeling

No activity.

4. Transportation / Land-Use Connections Program

As part of the Transportation Land-Use Connections Program, one technical assistance project in Virginia is funded under this PE number. See TLC item above (9.4) for further details about the TLC Program.

5. Regional Safety Program

As part of the Regional Safety Program, technical assistance projects were partially funded under the Virginia Technical Assistance Program. See the Regional Safety program section of this progress report for more details.

6. Other Tasks to be Defined

No activity.

11.D Regional Transit

1. Program Development, Data Requests, and Miscellaneous

No activity.

2. Transit Within Reach Program

Work on the three FY 2024-2025 projects was complete. Staff worked with consultants and recipient jurisdictions to ensure all final invoices were submitted, along with final reports.

3. Other Tasks to be Defined

No activity.

CONTINUOUS AIRPORT SYSTEM PLANNING PROGRAM

Program Management

- Staff has updated the monthly enplanement data.

Process 2022/23 Baltimore-Washington Regional Air Passenger Survey (APS)

- Staff continued to conduct analysis and draft the report for the 2023 Regional Air Passenger Survey (APS) Geographic Findings.

Air Cargo Element Update

- Staff continued to conduct analysis and draft the report for the Air Cargo Element Update.

2023 Ground Access Forecast and Element Update

- This project has not started.

2025 Ground Access Travel Time Study Update

- This project has not started.

Progress on Plan Products

The following is a list of activities that will be undertaken by TPB staff in FY 2025. There are 14 advisory committees and subcommittees that provide subject-matter expertise and consensus for each of these products and projects.

PROJECT/STUDY/DELIVERABLE	Task #	Est Compl Date
Visualize 2050 plan document	1	Dec 2025
Visualize 2050 process document	1	Dec 2025
Visualize 2050 website	1	Dec 2025
Equity Deep Dive – Round 3	1	Summer/Fall 2025
Update the EEAs	1	Spring 2025
Transit Access Focus Areas - update	1	Winter 2024/2025
Create the Regional Transportation Resilience Subcommittee	1	Fall 2025
Conduct resilience analysis: interior flooding analysis; economic analysis of select adaptation scenarios; and closures due to natural hazard data analysis and mapping	1	Varied
2024 Congestion Management Process Technical Report	3	Dec 2024
TPB Transportation Safety Summit/Forum	3	Fall 2024
Systems Performance, Operations, and Technology Planning Member Agency Operations Technology Inventory	3	Fall 2024
Maintain the Regional ITS Architecture	3	June 2025
Conduct bicycle/pedestrian planning or design training, outreach, or professional development opportunities for member agency staff	3	June 2025
State of Public Transportation Report	3	Summer 2025
Transportation Safety Studies	3	Summer 2025
National Capital Trail Update	3	Summer 2025
Bicycle and Pedestrian Plan Update	3	Summer 2026
Freight Plan Update	3	Winter 2027
2024 Regional Safety Study (enhanced transportation safety data deep dive),	3	March 2025
Update the National Capital Trail Network map	3	June 2026
Intercity Bus and Rail Travel Study	3	
Annual State of Public Transportation Report	3	June 2025
Regional bike/active transportation count program	3	Multi-year

TPB Work Program Progress Report

DECEMBER 2024 FY 2025

AFA reorganization	4	Winter 2025
CAC Recruitment – new cohort 2025-2026	4	January 2025
TPB Annual Report (Rachel?)	4	December 2025
Public Participation Implementation Evaluation (every 4 years)	4	December 2026
Possible consultant assistance to upgrade COGTools for ArcGIS Pro	5	Aug. 2025
Update COG/TPB's strategic plan for travel forecasting methods	5	Mar. 2025
Gen3 Travel Model (activity-based model): Phase 3 of 3, Usability Testing	5	Dec. 2025
RFP to renew on-call consultant assistance with travel forecasting	5	Jun. 2025
Review of travel demand forecasting model (TDFM) software	5	Sep. 2026
Conduct AQC analysis & performance analyses of LRTP, including documentation	6	Dec. 2025 for AQC; Mar. 2026 for EJ analysis
2008 Ozone NAAQS: No work forseen for next 3 years	6	N/A
2015 Ozone NAAQS: Develop Maintenance SIP, includes developing inventories of mobile emissions	6	Jun. 2026
Vehicle registration/vehicle identification number (VIN) data: Re-process 2023 VIN data for MOVES5	6	May 2025
Vehicle registration/vehicle identification number (VIN) data: De-code 2026 data	6	Jun. 2027
Develop transportation-sector GHG inventories	6	Dec. 2025
Climate change planning: Carbon Reduction Program (CRP)	6	TBD
Climate change planning: Climate Pollution Reduction Grants (CPRG)	6	Dec. 2025
Climate change planning: Regional Electric Vehicle Infrastructure Implementation (REVII) Strategy	6	TBD
Regional Travel Survey	7	Multi-year
Travel Monitoring Program Enhancement	7	December 2025
Visualizations and TRAP Page Development	7	Ongoing
Travel monitoring data sets and visualizations	7	Varies
Regional Activity Centers Map Update	8	February 2025

TPB Work Program Progress Report
 DECEMBER 2024 FY 2025

Technical Update for Cooperative Forecasts	8	June 2025
Updated Regional Activity Centers Map	8	Dec 2024
Round 10.1 Cooperative Forecasts	8	June 2025
TLC projects (9 individual products)	9	June 2025
Transit Within Reach (TWR) projects (3 individual products)	9	Dec 2024
Regional Roadway Safety Program (6 individual products)	9	June 2025
Enhanced Mobility Grantee Solicitation	9	Summer 2025
Performance-Based Planning & Programming: PBPP for CMAQ	3 & 6	?
Identify/obtain data to support Gen3 & Gen4 travel models, including RTS and TOBS	5 & 7	Continuous
Regional coordination of future transit on-board surveys (TOBS)	7 & 5	Multi-year
Implementation of new Regional Travel Survey (RTS) format, transitioning from a “once-a-decade” to a more frequent survey activity		Multi-year
State of the Commute Survey		Winter 2025

FY 2025 TRANSPORTATION PLANNING BOARD
COG/TPB BUDGET EXPENDITURE SUMMARY
December 2024

	DC, MD and VA		BILLED	
	FTA, FHWA and LOCAL	FUNDS	THIS	% FUNDS
	BUDGET TOTAL	EXPENDED	MONTH	EXPENDED
1. Long-Range Transportation Planning				
Long - Range Transportation Planning	1,776,609.06	656,423.55	101,207.11	37%
Subtotal	1,776,609.06	656,423.55	101,207.11	37%
2. Transportation Improvement Program				
Transportation Improvement Program	361,722.91	99,583.88	11,980.12	28%
TIP Database Support	250,000.00	100,062.05	20,012.41	40%
Subtotal	611,722.91	199,645.93	31,992.53	33%
3. Planning Elements				
Congestion Management Process	832,307.18	149,673.56	14,892.19	18%
Systems Performance, Ops & Tech Planning	418,739.11	147,034.34	15,655.6	35%
Transportation Emergency Preparedness Planning	146,521.95	47,851.2	7,490.31	33%
Transportation Safety Planning	496,836.42	146,545.07	23,138.04	29%
Bicycle & Pedestrian Planning	344,934.93	81,904.55	14,829.09	24%
Regional Public Transportation Planning	598,410.59	580,965.39	33,008.69	97%
Freight Planning	404,493.61	76,569.65	9,206.14	19%
Metropolitan Area Transportation Operation Coord Program Planning	176,906.28	42,264.13	6,392.15	24%
Performance-Based Planning & Programming	219,857.22	82,029.53	15,778.92	37%
Resilience Planning	0.00	9,806.06	0	0%
Subtotal	3,639,007.29	1,364,643.48	140,391.13	38%
4. Public Participation				
Public Participation	867,522.59	341,368.82	45,125.23	39%
Subtotal	867,522.59	341,368.82	45,125.23	39%
5. Travel Forecasting				
Software Support	0.00	0	0	0%
Model Development	1,239,847.78	392,674.29	61,837.85	32%
Network Development	2,300,391.38	642,239.34	111,521.87	28%
Subtotal	3,540,239.16	1,034,913.63	173,359.72	29%
6. Mobile Emissions Planning				
Air Quality Conformity	1,304,875.61	515,382.01	67,240.58	39%
Mobile Emissions Analysis	1,983,006.97	605,620.85	81,903.89	31%
Subtotal	3,287,882.58	1,121,002.86	149,144.47	34%
7. Travel Monitoring and Data Programs				
Research & Analysis	4,307,763.37	577,813.16	83,796.83	13%
Data Visualization & Management	995,946.55	362,960.01	47,578.87	36%
Subtotal	5,303,709.92	940,773.17	131,375.7	18%
8. Planning Scenarios and Socioeconomic Forecasting				
Socioeconomic Forecasting	1,144,171.97	293,521.95	40,637.89	26%
Subtotal	1,144,171.97	293,521.95	40,637.89	26%
9. Complete Street Mobility and Enhancement Programs				
Transportation and Land Use Connections Program	839,100.70	134,838.13	22,069.79	16%
Enhanced Mobility Grant Program	95,618.13	14,317.97	2,168.48	15%
Transportation Alternatives Set-Aside Programs	37,030.30	23,182.17	5,426.57	63%
Regional Roadway Safety Program	218,574.01	25,378.1	14,743.88	12%
Subtotal	1,190,323.14	197,716.37	44,408.72	17%
10. TPB Support and Management				
TPB Support and Management	1,628,295.97	485,277.5	55,129.59	30%
UPWP	0.00	99.95	0	0%
Subtotal	1,628,295.97	485,377.45	55,129.59	30%
Core Program	22,989,484.59	6,635,387.21	912,772.09	29%
A. District of Columbia Technical Assistance				
Program Development & Misc.	296,890.77	2.87	0	0%
B. Maryland Technical Assistance				
Program Development & Misc.	537,832.84	47,528.93	0	9%
C. Virginia Technical Assistance				
Program Development & Misc.	446,894.41	88,057.54	54,452.19	20%
D. Public Transit Technical Assistance				
Program Development & Misc.	405,331.64	24,617.04	0	6%
Technical Assistance	1,686,949.66	160,206.38	54,452.19	9%
TPB Grand Total	24,676,434.25	6,795,593.59	967,224.28	28%

FY 2025 TRANSPORTATION PLANNING BOARD
FINANCIAL STATUS OF TECHNICAL ASSISTANCE
December 2024
SUPPLEMENT 1

	TOTAL		FTA/STA/LOCAL		PL FUNDS/LOCAL	
	AUTHORIZED	TOTAL	AUTHORIZED	FTA	AUTHORIZED	FHWA
	BUDGET	EXPENDITURES	BUDGET	EXPENDITURES	BUDGET	EXPENDITURES
A. District of Columbia Technical Assistance						
Climate Change Mit Study -DC	5,000.00	0.00	138.82	0.00	4,861.18	0.00
Program Development, Data Requests, & Misc	15,000.24	2.87	416.45	0.08	14,583.79	2.79
Regional Roadway Safety Program	36,000.00	0.00	999.48	0.00	35,000.52	0.00
Transportation/Land Use Connection Program	0.00	0.00	0.00	0.00	0.00	0.00
TBD	240,890.53	0.00	6,687.89	0.00	234,202.64	0.00
Subtotal	296,890.77	2.87	8,242.64	0.08	288,648.13	2.79
B. MD Technical Assistant						
Feasibility/Special Studies	25,001.16	0.00	694.11	0.00	24,307.05	0.00
Program Development, Data Requests, & Misc	15,000.24	0.00	416.45	0.00	14,583.79	0.00
Regional Roadway Safety Program-MD	175,000.00	44,266.13	4,858.56	1,228.97	170,141.44	43,037.16
Transportation/Land Use Connection Program-MD	300,000.00	3,262.80	8,328.96	90.59	291,671.04	3,172.21
TBD	22,831.44	0.00	633.87	0.00	22,197.57	0.00
Subtotal	537,832.84	47,528.93	14,931.97	1,319.56	522,900.87	46,209.37
C. VA Technical Assistant						
Program Development, Data Requests, & Misc	15,000.24	0.00	416.45	0.00	14,583.79	0.00
Regional Safety PGM-VA	89,000.00	27,760.28	2,470.93	770.71	86,529.07	26,989.57
TBD	11,593.28	0.00	321.87	0.00	11,271.41	0.00
TLC-VA	80,000.00	19,800.00	2,221.06	549.71	77,778.94	19,250.29
Travel Demand Modeling	15,000.24	0.00	416.45	0.00	14,583.79	0.00
Travel Monitoring	236,300.65	40,497.26	6,560.46	1,124.33	229,740.19	39,372.93
VA Other Tasks	0.00	0.00	0.00	0.00	0.00	0.00
Subtotal	446,894.41	88,057.54	12,407.22	2,444.76	434,487.19	85,612.78
D. WMATA						
Program Development, Data Requests, & Misc	15,000.24	0.00	15,000.24	0.00	0.00	0.00
Regional HCT Graphic/Map	0.00	0.00	0.00	0.00	0.00	0.00
TBD	140,331.40	0.00	140,331.40	0.00	0.00	0.00
Transit Within Reach Solicitation	250,000.00	24,617.04	250,000.00	24,617.04	0.00	0.00
Subtotal	405,331.64	24,617.04	405,331.64	24,617.04	0.00	0.00
Grand Total	1,686,949.66	160,206.38	440,913.47	28,381.44	1,246,036.19	131,824.94