

+-

# FY 2025



National Capital Region  
**Transportation Planning Board**

**Work Program Progress Report**  
**SEPTEMBER 2024**

**FY 2025**

METROPOLITAN WASHINGTON COUNCIL OF GOVERNMENTS  
77 NORTH CAPITOL STREET, N.E., SUITE 300  
WASHINGTON, D.C. 20002-4239

MAIN 202/962-3200 | FAX 202/962-3201 | TTY 202/962-3212 | [HTTP://WWW.MWCOG.ORG](http://WWW.MWCOG.ORG)

TPB Work Program Progress Report  
SEPTEMBER 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 September. 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.

<b>1. LONG-RANGE TRANSPORTATION PLANNING</b> 1.1 Visualize 2045 Implementation 1.2 Environmental Justice and Equity 1.3 Future Plan Development 1.4 Federal Compliance 1.5 Policy Board-Directed Activities	<b>7. TRANSPORTATION RESEARCH AND DATA PROGRAMS</b> 7.1 Transportation Research and Analysis 7.2 Data Management and Visualization Services
<b>2. TRANSPORTATION IMPROVEMENT PROGRAM</b> 2.1 Transportation Improvement Program 2.2 TIP Database Support	<b>8. REGIONAL LAND USE AND TRANSPORTATION PLANNING COORDINATION</b>
<b>3. PLANNING ELEMENTS</b> 3.1 Performance-Based Planning and Programming 3.2 Congestion Management Process 3.3 Systems Performance, Operations, and Technology Planning 3.4 Transportation Emergency Preparedness Planning 3.5 Transportation Safety Planning 3.6 Bicycle and Pedestrian Planning 3.7 Regional Public Transportation Planning 3.8 Freight Planning 3.9 Metropolitan Area Transportation Operations Coordination Program Planning 3.10 Resiliency Planning	<b>9. MOBILITY AND ENHANCEMENT PROGRAMS</b> 9.1 Enhanced Mobility Grant Program 9.2 Regional Roadway Safety Program 9.3 Transportation Alternatives Program 9.4 Transportation and Land Use Connection Program
<b>4. PUBLIC PARTICIPATION</b> 4.1 Public Participation and Outreach 4.2 Communications	<b>10.TPB MANAGEMENT AND SUPPORT</b> 10.1 TPB Committees Support and Management and UPWP
<b>5. TRAVEL FORECASTING</b> 5.1 Network Development 5.2 Model Development and Support	<b>11.TECHNICAL ASSISTANCE PROGRAM</b> 11.1 DDOT 11.2 MDOT 11.3 VDOT 11.4 Regional Transit Technical Assistance
<b>6. MOBILE EMISSIONS PLANNING</b> 6.1 Air Quality Conformity 6.2 Mobile Emissions Analysis	<b>CONTINUOUS AIRPORT SYSTEM PLANNING PROGRAM (CASP)</b>

Task 1	BUDGET	Billed this month	% Funds Expended	UPWP Page
LONG RANGE TRANSPORTATION PLANNING	\$1,776,609	\$121,866	16%	43

## **1. LONG-RANGE TRANSPORTATION PLANNING**

### ***1.1 – Visualize 2045 Implementation***

Staff continued processing the non-regionally significant inputs for Visualize 2050 and presented a status report to the Technical Committee at the September meeting. This includes identifying the projects that have been completed since the adoption of Visualize 2045.

### ***1.2 – Environmental Justice and Equity***

Staff presented the findings of the Equity Deep Dive Study to the Technical Committee. Staff followed up on next steps for the study and prepared to incorporate the study into the related planning process documents for V2050. Staff continued reviewing the equity considerations sections of process documents as they became available.

### ***1.3 – Future Plan Development***

The main tasks this month were to continue processing the non-regionally significant (NRS) inputs for Visualize 2050 and preparing for the PIT 2.0 transition. A status report to the Technical Committee was shared at the September meeting. Staff review of the NRS records this month entailed identifying where there is incomplete or unclear information in the project records submitted by agencies for the initial key fields of project description, primary project type, bike/ped accommodations, lead agency/county/municipality, and system/route/location type/facility name/from/to fields. Staff began reviewing the records to ensure that financial accounting for ongoing programs or all project phases was provided. Coordination with partner agencies continued remaining records for submission.

Staff held the monthly 2050 team meeting and continued discussions about how best to report on the information captured through the project inputs. Staff reviewed public comments from the TPB Board meeting and began a memo responding to one Board-member request for consideration of a third scenario for Visualize 2050. Staff continued drafting sections of the plan, process documents, and the website in consultation with the graphic designer. Staff met weekly to discuss plans and PIT items.

Staff continued work on the financial analysis for Visualize 2050, reviewing non-regionally significant projects. Sections of the plan documents on finances and project programming were drafted.

### ***1.4 – Federal Compliance***

No activities this month.

### ***1.5 – Policy Board-Directed Activities***

Staff supported a calendar of key activities and met internally to ensure progress on plan development. Staff continued to work on the second option for conformity analysis as directed by the Board in June.

### ***1.6 – Resiliency Planning***

Staff continued the preliminary phases of the two new projects kicked off in July, the Regional Interior Flooding Analysis and the Economic Impact Case Study/Analysis, which will enhance our understanding of resilience challenges on the transportation system of the region. For the interior

flooding analysis, the first phase of the project include selecting a data provider with confidence, so work continued on coordinating early stages of data collection. Staff continued working with the Visualize 2050 team to refine the process document as needed for the National Capital Region Metropolitan Transportation Plan. Staff also planned for and began scheduling process for the first Regional Transportation Resilience subcommittee meeting, which will occur on November 14. Staff prepared presentation for TPB Technical Committee and Board for October to bring a resolution to approve the formation of this new subcommittee.

Staff also continued to participate in advancing the field of transportation resilience planning, specifically at the regional level, by presenting at the Association of Metropolitan Planning Organization's annual conference September 24-26 2024. The presentation is in coordination with the regional transit planner, titled "Boosting a Resilient Transit Network: Supporting Local Transit With A Regional Transportation Resilience Improvement Plan," and was well attended and received. Planner attended an "Industry Day" meeting at NVRC for the Northern Virginia MIRR 2.0 project, representing the region's transportation interests. Resilience planner continued to keep on top of the state of practice by attending webinars and 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	\$64,294	18%	47

## **2. TRANSPORTATION IMPROVEMENT PROGRAM**

### **2.1- Transportation Improvement Program (TIP)**

At its meeting on Friday, September 6, the TPB Steering Committee adopted four resolutions approving amendments to the FY 2023-2026 TIP that are exempt from the air quality conformity requirement. These amendments are summarized in the bullets below.

- TPB SR9-2025, requested by the District Department of Transportation, approved as request to add \$8 million in Surface Transportation Block Grant (STBG) and District matching funds to the Great Streets – Pennsylvania Ave. SE project.
- TPB SR10-2025 approved the following three requests from Maryland Department of Transportation (MDOT) and the Montgomery County Department of Transportation (MCDOT):
  - Maryland Transit Administration added approximately \$1.75 million in FTA's All Stations Accessibility Program (ASAP) and state matching funds for a new MARC College Park Accessible Station.
  - MDOT's State Highway Administration (SHA) added \$68,000 in STBG and state funds for the MD 77 Beaver Branch Bridge Replacement project in Frederick County.
- MCDOT added \$11.435 million to the Montgomery County Bridge Preliminary Engineering project grouping.  
TPB SR11-2025 approved the Virginia Department of Rail and Public Transportation's request to add funding for two new TIP records:
  - \$15.3 million in Congestion Mitigation and Air Quality Program (CMAQ), Regional Surface Transportation Program (RSTP) and state matching funds for a new Commuter Assistance Program in Arlington County

- o \$59.5 million in FTA Low-or-No Emissions Vehicle Program (Sect. 5339(c)) and state matching funds for Fairfax County's purchase of 60 low-emissions buses
- TPB SR12-2025 approved FHWA's Eastern Federal Lands Highway Division's request to add projects from its FY 2024-2027 TIP in the District of Columbia, Maryland, and Virginia included as attachments to each of the three sections of the TPB's TIP so that DDOT, MDOT, and VDOT could similarly amend their Statewide Transportation Improvement Programs (STIPs) to include those projects as attachments.

## ***2.2-TIP Database Support***

Contractor 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.

Most all of the work done by the consultant in September was done in preparation for transition from the current PIT stack to the new "PIT 2.0" platform. The following tasks were conducted using the standard baseline hours of support as well as the extended contract for professional services:

- Updating data on new platform
- Provide new platform access to test users
- Field location updates on new platform
- Form and question customizations
- Report customizations

Task 3	BUDGET	Billed this month	% Funds Expended	UPWP Page
PLANNING ELEMENTS	\$3,639,007	\$418,947	23%	49

## **3. PLANNING ELEMENTS**

### ***3.1 Performance-Based Planning***

Final revisions were made to the MPO CMAQ Performance Plan and a supporting memo, for inclusion by the DOTs in their biennial Mid Performance Period (MPP) submissions to FHWA. TPB staff briefed the STWG on the work plan for the annual highway and transit safety targets, which go to the board in November, and began collection of data from highway, transit, and safety agencies.

### ***3.2 Congestion Management Process***

The draft 2024 Congestion Management Process Technical Report was provided to the TPB Technical Committee as part of mailout materials ahead of the committee's October 4, 2024 meeting, toward the expected November finalization of the report.

The regularly scheduled September 19 meeting of the Vehicle Probe Data Users Group was organized and conducted, discussing the University of Maryland's recently revamped multi-modal common operations platform on behalf of MDOT, as well as a TPB staff analysis of travel time trends on 18 major commute corridors in the region, 2013 to 2023, which was planned for inclusion in the 2024 CMP Technical Report

### ***3.3 Systems Performance, Operations, and Technology Planning***

The final draft of the report summarizing the recent TPB regional survey of member operations technology was provided by the consultant team. Staff will present findings and recommendations from the report at future meetings.

### ***3.4 Transportation Emergency Preparedness Planning***

The regularly scheduled September 11, 2024 Transportation Emergency Preparedness Committee (R-ESF 1) virtual meeting was organized and conducted, discussing current regional transportation emergency preparedness issues.

### ***3.5 Transportation Safety Planning***

Planning for a Safety Summit continued. Staff developed a conceptual agenda, which was refined throughout the month to incorporate feedback received from staff leadership. Outreach and coordination with potential speakers began based on the conceptual agenda. Staff, with assistance from the consultant, also began executing logistical elements of the Summit, such as developing invitations, identifying stakeholders who will receive the invitations, developing a registration system, and identifying and coordinating across COG departments to execute a use agreement for an off-site venue.

Staff additionally continued coordination with the consultant team to advance several elements of the Regional Safety Study. The consultant completed an initial analysis of proposed safety Emphasis Areas. The consultant also incorporated staff comments and edits into a revised best practices literature review.

Planning sessions were held on September 10 and 24 with the Transportation Safety Subcommittee Chair to identify topics and speakers for future Subcommittee meetings.

### ***3.6. Bicycle and Pedestrian Planning***

The Bicycle and Pedestrian Subcommittee met on September 17. Krista Nordback of UNC Highway Safety Research Center and her colleagues will brief the Subcommittee on the Washington Regional Trail Counts program and automated counter portal. The Subcommittee was also briefed on the automated trail counter program for the I-66 Trail, WMATA's new Atlas 2.0 pedshed and bikeshed resources, and the Citian Company's ADA planning and non-motorized infrastructure mapping tool.

Staff attended the Northern Virginia Recreational Trails summit in Arlington, VA on September 9.

### ***3.7 Regional Public Transportation Planning***

The Regional Public Transportation Subcommittee (RPTS) met on September 24. Presentations included Stewart Mader from FTA briefing on recently updated federal public transportation safety regulations, staff reviewing regional transit safety target setting updates, and a service update from seven demand response providers in the region, including paratransit and microtransit services.

Staff continued supporting the DMVMoves transit initiative, developing materials and working with on-call planning consultants, focusing on the development of a comprehensive regional transit funding model.

Staff continued work on the intercity bus and rail travel study with the on-call planning consultants, reviewing deliverables, assisting with outreach for data collection, and coordinating re: survey incentive completion.

Staff continued work on the 2023 State of Public Transportation Report and coordinated with colleagues on Visualize 2050 plan development, including Bus and Railway Planning and Financial process documents.

Staff attended the NVTC Transit Funding Working Group meeting and the monthly WMATA JCC meeting. On September 24<sup>th</sup>, staff co-presented on COG/TPB regional transit resilience at the American Metropolitan Planning Organization's annual meeting in Salt Lake City, UT.

### ***3.8. Freight Planning***

A planning session was held on September 27 with the Freight Subcommittee Chair to identify topics and speakers for future Subcommittee meetings.

### ***3.9 Metropolitan Area Transportation Operations Coordination Program Planning***

The regularly scheduled September 10, 2024, seasonal kickoff meeting of the MATOC Severe Weather Coordination Working Group was organized and conducted, hosted at MATOC offices, discussing planning for transportation agency response to the upcoming winter weather season,

The regularly scheduled September 20 virtual meeting of the MATOC Steering Committee was organized and conducted, discussing communications, coordination, and Traffic Incident Management topics.

The regularly scheduled September 26 meeting of the MATOC Operations Subcommittee was organized and conducted, hosted at the Dulles Toll Road Administration Building in Tysons, Virginia, discussing regional roadway operations and traffic issues.

---

Task 4	BUDGET	Billed this month	% Funds Expended	UPWP Page
PUBLIC PARTICIPATION	\$867,522	\$70,858	20%	53

## **4. PUBLIC PARTICIPATION**

### ***4.1 Public Participation and Outreach***

The September meeting of the TPB Community Advisory Committee (CAC) was held virtually. The meeting featured discussion of the DMVMoves initiative, TPB's Climate Change Mitigation Planning, and an Act Locally round-robin.

The September meeting of the Access for All Advisory Committee was virtual. The meeting featured a presentation on transportation access and better health outcomes and a member forum.

### ***4.2 Communications***

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

**DC region receives \$3.9 million to expand electric vehicle charging network**

September 4, 2024

**Gate Check: TPB shares results from the latest Washington-Baltimore Regional Air Passenger Survey** September 18, 2024

**Go car free and win big: Join the movement!** September 19, 2024

---

**DMVMoves: Momentum builds toward new regional coordination on transit.** September 23, 2024

**Commuter Connections: Five decades of improving commuting in the DC region through innovation and incentives** September 26, 2024

Staff updated pages on the COG website related to the TPB comment form, the TPB glossary, Unified Planning Work Program, and Title VI.

**Staff shared information about TPB activities via social media:**

CFI federal grant program award (September 5); Safe Streets and Roads for All grants (September 9); Walktober (September 11); TPB meeting (September 17); Car Free Day (September 18); Air Passenger Survey (September 18); Car Free Day Christina Henderson post (September 22); Commuter Connections Car Free Day (September 22); Christina Henderson Car Free Day proclamation (September 23); MTA rail safety (September 25); Tour de VRE; Commuter Connections turns 50 (September 30).

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

- Coordinated with Visualize 2050 website and design consultant to review webpage design concepts.
- Reviewed peer MPO websites for graphic and page design concepts that could potentially be applied to Visualize 2050.
- Identified photos for use in the Visualize plan, process documents, and website and continued updating a photo log for staff use.
- Edited and proofread content for Visualize process documents, wrote content for Visualize website, and coordinated staff communications related to the Visualize planning process.

---

Task 5	BUDGET	Billed this month	% Funds Expended	UPWP Page
TRAVEL FORECASTING	\$3,540,239	\$219,490	16%	59

## **5. TRAVEL FORECASTING**

### ***5.1 Network Development***

Network development staff continued network coding for the air quality conformity analysis of Visualize 2050, the region's long-range transportation plan. Staff corrected network database errors and provided updated 2025 and 2026 networks for re-runs of the regional travel demand forecasting model. Staff reviewed updated 2025 travel demand results. Staff continued development and review of a 2030 forecast-year network including incorporating coding details for new express lane projects for the Virginia Department of Transportation (VDOT) in Visualize 2050.

Staff developed updated 2024 transit fare information for the Gen3 Travel Model runs which will be conducted roughly in parallel with the Gen2 Travel Model runs being done for the air quality conformity analysis. This work included reviewing and updating the transit service providers for the Public Transport (PT) fare categories, calculating the fares for each fare category, and calculating the transit transfer discounts. Staff documented this in a September 19 memo.

Staff reviewed the network coding of commuter rail service in the Gen3 Travel Model input files and provided a list of updates needed to the Model Development Group.



Staff reviewed and provided feedback for the Maryland Department of Transportation's (MDOT's) update of Federal Functional Classification of roads.

Staff exported the year-2025 network files in Cube Public Transport (PT) format from the active network database and ran the Gen3 Travel Model with the draft 2025 network files for Quality Assurance/Quality Control (QA/QC). Modeling staff noticed several network coding issues in the network input files related to the rail link file ("rail\_link.dbf") the commuter rail "line files" (Mode 4). Network staff fixed those issues. Modeling staff reran travel forecasting, reviewed the updated model summaries, and determined that the updated 2025 PT network files were ready for the Gen3 Model usability testing.

Staff are in the process of developing 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. This task is currently on hold due to other work priorities.

Staff developed an automated procedure in COGTools that performs QA/QC checks on the network files exported from the Unified Network Database. Staff plan to refine the QA/QC procedure in the future. This task is currently on hold due to other work priorities.

### ***5.2 Model Development and Support***

The TPB Travel Forecasting Subcommittee (TFS) generally meets in odd-numbered months. Staff attended and presented at the September 20 TFS meeting. The meeting covered the following topics:

- COG/TPB Gen3 Travel Model: Status Report
- Origin-Destination Analysis of Two Big Data Providers: Replica and Streetlight Data
- Evaluation of Big Data for Model Development

Staff prepared draft meeting highlights for this meeting.

#### ***Generation 2/Ver. 2.4 Travel Model***

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

Staff continued the development of the Gen2/Ver. 2.4.6\_PT Model. Staff migrated the most recent mode choice constants for PT from the AEMS format to the TRANSIMS ModeChoice format. Staff conducted a 2018 model run for QA/QC. As expected, the model results closely matched those from the Gen2/Ver. 2.4\_PT Model. Staff updated 2018 model inputs. Staff plan to rerun the model with the updated inputs and perform the 2018 validation of the model to evaluate the feasibility of using this model or its successor for future production work.

Staff implemented the Subarea Trip Extraction (STE) functionality for the Gen2 Travel Model, which enables model users to extract the origin-destination trip flows for a specified subarea. Staff tested the program with both small and large geographies and validated the output. Documentation of this work is currently on hold due to other work priorities. It is recommended that use of the STE functionality be restricted to cases dealing with a large geography, such as a larger county.

#### ***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 Cube software,

which is being developed with consultant assistance from 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.
  - Staff tested the random seed generation functionality in ActivitySim and examined the variations of model results with different random seeds at the regional, jurisdictional and sub-demographic levels.
  - Staff removed the HHINCIDX and ADISTTOX variables in the land use files, which are not used in the Gen3 Model. Staff also removed the references to these two variables in the Gen3 Model User's Guide.
  - Staff removed some files in the inputs folder that are not used in the model.
  - Staff finished the development of the batch file that streamlines the Land Use Processing, Population Synthesizer and School Enrollment Projection procedures. Staff created a "Readme" file for this program.
  - Staff started to review the Gen3 Model User's Guide and update it up to correspond to Version 1.0.2 of the Gen3 Model.
- Conducting Gen3 Model usability testing:
  - In September, staff created a modeling directory for the usability testing. Staff conducted the base year (2018) model run for benchmarking.
  - Staff assembled all the model input files for the analysis of 2025. Staff created a spreadsheet to track the source of every input file. Staff are in the process of conducting the 2025 model run for usability testing.
- ActivitySim Version 1.3.1 was released, which supposedly resolved some of the performance issues in ActivitySim that were noted before, including those related to Sharrow, which is software to reduce model run times. Staff will test the new version of ActivitySim without Sharrow, and once that is done, staff may resume the task of implementing Sharrow in the Gen3 Model with consultant assistance. The testing was put on hold in September due to other work priorities.

### **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 September, staff serviced four data requests. The first was for the Gen2/Ver2.4.6 Travel Model and the loaded-link highway network files for the years 2017, 2021, 2023, 2025, 2030, 2040, and

2045 by a consultant working for the Maryland Department of Transportation's (MDOT's) Office of Planning and Capital Programming (OPCP) to evaluate projected long-range travel trends in Maryland as part of the 2023 National Emissions Inventory. The second request was also for Gen2/Ver2.4.6 Travel Model from a consultant who works for private clients. The third request was to obtain future travel volumes in the metropolitan Washington region for examining regional growth and to review the capacity of regional roadways. The fourth request was for an academic at the University of Virginia for the Gen2/Ver2.4.6 Travel Model to conduct exploratory analysis for a dynamic network-based approach to traffic prediction and use the traffic model to simulate traffic flows as part of a proof-of-concept for the approach. Staff also responded to inquiries from VDOT regarding how to overwrite the free-flow speed of specific links in the COG/TPB's travel demand model.

Staff attended ActivitySim Consortium meetings regularly on Tuesdays and Thursdays. Staff also attended an ActivitySim Partners-Only Check-In Meeting on September 19. On September 10, there was a virtual meeting of executive directors from about seven MPOs (including TPB) that make up the 14-member ActivitySim Consortium where the executive directors discussed potential options if AMPO chooses to end its role as administrative agent for the ActivitySim Consortium.

Staff attended the AMPO Big Data webinar on September 5.

Staff attended the DTP Monthly Big Data User Group meeting on September 19. Staff made a presentation on the evaluation of Big Data for model development purposes. Staff then made the same presentation at the TFS meeting on September 20.

Staff attended the 2024 AMPO Annual Conference in Salt Lake City, Utah from September 24 to September 26. Staff presented COG's experiences with developing the Gen3 Model, which is an activity-based model that uses the open-source ActivitySim software.

In September, staff continued to work with Bentley Systems, Inc. to resolve issues met when testing OpenPaths Cube (Cube 2024) with TPB's regional travel models.

Staff continued to conduct daily modeling work on AWS cloud servers and work with COG's IT staff to resolve issues encountered on the AWS servers. Staff attended the bi-monthly coordination meeting between the COG IT and DTP TFEA staff on September 13.

Staff worked with IT staff to resolve issues with Threatlocker, a security application that IT recently installed on staff computers.

Staff reached out to Replica staff for data clarification and requested additional bus trip data.

In September, staff continued to work on hiring a Transportation Engineer position who will replace a staff who retired in May. HR conducted background and reference checks for the selected candidate. Staff prepared a selection memo, which is needed to make an offer to the candidate.

Task 6	BUDGET	Billed this month	% Funds Expended	UPWP Page
MOBILE EMISSIONS PLANNING	\$3,287,883	\$242,030	17%	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 continued to code networks and prepare travel model input files for the air quality conformity analysis. Specifically, staff developed the final 2026 analysis year networks.

Staff completed the final set of travel model runs for the 2025 analysis year and conducted the associated quality assurance and reasonableness checking tasks.

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

Staff from COG's Department of Environmental Programs (DEP) and COG's Department of Transportation Planning (TPB staff) continued to coordinate with state air agencies on the update of motor vehicle emissions budgets (MVEBs) associated with the 2008 Ozone Maintenance State Implementation Plan (SIP). This MVEB update is being conducted to ensure that the tools used to develop future air quality conformity emissions estimates are consistent with the tools used to develop the MVEBs - i.e., that both are based on the current MOVES model. The Metropolitan Washington Air Quality Committee (MWAQC) approved the plan in September 2023. The EPA published a Federal Register notice recommending approval of the updated 2008 Ozone Maintenance Plan with new MVEBs on June 3, 2024. The 30-day comment period ended on July 3, 2024, and the EPA is expected to approve the revised MVEBs.

DEP and DTP staff coordinated on a schedule for the upcoming development of a Maintenance State Implementation Plan (SIP) related to the 2015 Ozone National Ambient Air Quality Standards (NAAQS).

Following completion of the Vehicle Identification Number (VIN) decoding process and the transmittal of decoded VIN datasets to the state air agencies in July, TPB staff documented the process in a technical memorandum.

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 prepared and presented an overview of climate change mitigation planning activities to the Community Advisory Committee (item #5) on September 12.

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 also 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. Specifically, the DEP staff

---

are working with our members to develop the Comprehensive Climate Action Plan (CCAP) for the region, as specified in the CPRG.

Staff continued to take part in electric vehicle (EV) planning activities. Staff conducted the final review of the Regional Electric Vehicle Infrastructure Implementation (REVII) strategy document (final study deliverable) developed by the consultant (ICF), finalized the report using input from senior management, and published the report in coordination with COG's Office of Communications staff. TPB staff also coordinated with DEP staff on using the strategy for COG's application for the Charging and Fueling Infrastructure (CFI) discretionary grant program funding. TPB staff, COG staff, and ICF staff presented the study findings and the strategy to the TPB Technical Committee (item #4), TPB (item #7), and Climate, Energy and Policy Committee (item #5).

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. MOVES4 is now expected to be used in the Visualize 2050 air quality conformity analysis. DEP staff continued working on developing MOVES4.0.1 input files for milestone years 2023, 2025, 2026, 2030, 2040, 2045, and 2050 for the Visualize 2050 conformity analysis.

Staff prepared materials for a planned presentation at the Association of Metropolitan Planning Organizations (AMPO) Annual Conference. The presentation was about including GHG reduction strategies in LRTPs and TIPs. The conference took place in Salt Lake City, Utah.

---

Task 7	BUDGET	Billed this month	% Funds Expended	UPWP Page
TRAVEL MONITORING AND DATA PROGRAMS	\$5,303,709	\$137,012	8%	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, the Transportation Inequities in Disadvantaged Communities Study, and the Regional Electric Vehicle Infrastructure Implementation (REVII) Strategy. The latter two projects were both presented to the TPB Technical Committee and the TPB at their September meetings.

Staff continued drafting the scope for the next Regional Travel Survey.

Staff met with the on-call contractor (ICF) to discuss the Intercity Travel Survey.

Staff met with WMATA staff to discuss the DMV Moves Survey.

Staff met internally to discuss the DMV Moves Survey focusing on the survey outreach events and deliverables.

Staff reviewed the draft slide deck and data files prepared by the DMV Moves survey consultant. The slide deck was shared with the Community Partners Advisory Group, the Government Partners Advisory Group and the DMV Moves Task Force during their meetings in September.

Staff took part in weekly meetings with the on-call contractor (ICF) to discuss the DMV Moves Survey, review its progress, identify upcoming milestones, and coordinate logistics on deliverable submittals.

Staff continued applying and evaluating Big Data products, namely StreetLight and Replica, in various use cases to test the quality and effectiveness of these products in regional transportation planning analyses. Activities included convening the staff-led “Big Data Users Group” meeting.

#### Traffic Trends

Staff requested 2023 Vehicle Miles Traveled (VMT) data by roadway functional classification from the District of Columbia DOT and West Virginia DOT. Staff downloaded the Maryland VMT data. Staff began updating the Regional VMT Trends table with the 2023 data.

Per request, staff helped the modeling team to provide insights for AADT on the Wilson Bridge requested by the consultant AECOM.

Per request from the TFEA team, staff began researching the differences between observed and modeled traffic volumes on screenlines #2 and #4.

Staff took part in the monthly big data user group meeting and the travel forecasting subcommittee meeting.

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 train others on various projects for succession planning.

#### Data Requests

Staff fielded an RTS data request from the Northern Virginia Transportation Authority (NVTA).

#### Meetings & Conferences

Staff took part in biweekly meetings with the Gen3 Model Development Team.

Staff attended the DMV Moves Government Partners Task Force meeting on September 16.

Staff attended and provided support to the DMV Moves Task Force Meeting at WMATA Offices on September 23.

Staff took part in the weekly meeting coordinating the DMV Moves Survey.

Staff attended the Vehicle Probe Data Users Group meeting on September 19.

### ***7.2 Data Management and Visualization Services***

Staff completed development of an updated mapping application for the environmental consultation and mitigation element of Visualize 2050.

Staff continued to update the content items in the TPB Resources and Applications Page (TRAP). This is an ongoing task as the TRAP is a dynamic product. Staff also worked with TPB's Communications Manager to create shortlinks to the TRAP page from the COG website,

Staff completed documentation of the workflow developed to obtain electric vehicle (EV) charging station data via the API from the Alternative Fuels Data Center (AFDC) and create ArcGIS Online content dynamically from the data.

Staff downloaded American Community Survey (ACS) 2018-2022 5-year estimate data using the Census Bureau API. The data downloaded represents the data used in TPB's web mapping application "Demographic Characteristics of Equity Emphasis Areas." This work is ongoing.

Staff downloaded data from the National Household Travel Survey (NHTS) 2022 NextGen OD (passenger) survey and 2022 Truck Survey and began development of a Power BI visualization of the data. This work is ongoing.

Staff obtained data from the Federal Emergency Management Agency (FEMA) FFRMS floodplain data. Staff completed an initial assessment of the content provided by FEMA and is working with TPB's resilience planner on next steps.

Staff began to collect geospatial data related to critical infrastructure datasets based on the method of the Union of Concerned Scientists study on how sea level rise predictions will affect critical infrastructure. This work is ongoing.

Staff provided tabular data for High-Capacity Transit (HCT) accessibility and potential from TPB's consultant study "COG High-Capacity Transit Accessibility Analysis" to fellow staff to support the upcoming work to update the Transit Access Focus Areas (TAFA).

Staff began serving as a liaison for TPB's Transportation Land-Use Connections (TLC) program; Staff attended the initial TLC introduction meeting as well as the kickoff meeting for the Congressional Lane Complete Streets Feasibility Study in the City of Rockville.

Staff coordinated with fellow TPB staff to make some slight changes to the web map for the Regional Electric Vehicle Infrastructure Implementation (REVII) project.

Staff continued to perform several updates to 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 took part in the September 17 GIS Committee/GDX Working Group virtual meeting. Highlights of the meeting included: Updates on CAD2GIS and GDX happenings, presentations about Arlington's Adopt-A-Street ArcGIS Hub Premium Community Initiative and Montgomery County Location Based Route Testing, and the regular status reports on Virginia and Maryland Next Gen 9-1-1.

#### *Data Requests*

Staff responded to a request from a consultant (Foursquare ITP) for the geospatial data file of the National Capital Trail Network.

Staff responded to a request for information regarding Prince George's County traffic counts by providing links to an existing web mapping application from the Maryland Department of Transportation (MDOT).

---

Staff responded to a request from fellow staff looking for a high-resolution vector graphics file for the TPB Planning area.

*Meetings & Conferences*

Staff attended the Association of Metropolitan Planning Organizations (AMPO) annual conference in Salt Lake City, UT September 23-26.

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

Staff attended the Bicycle and Pedestrian Subcommittee meeting on September 17.

Staff attended and participated in the Big Data User Group meeting on September 19.

Staff attended the Vehicle Probe Data Users Group (VPDUG) meeting on September 19.

Staff attended the Travel Forecasting Subcommittee meeting on September 20.

Staff attended the Esri Lunch & Learn: Real-Time and Big Data Analysis on September 26.

Staff took part 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 took part 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	\$59,676	13%	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 September 10. A presentation was provided by COG's Housing Programs Manager on the "Annual Point-in-Time (PIT) Count of person Experiencing Homelessness" report. Staff provided a briefing on the preliminary results of the 2023 Commercial Construction report. A QCEW (Quarterly Census of Employment & Wages) data from the Bureau of Labor Statistics was shared with the subcommittee by Greg Goodwin of the Staff.

Staff hosted an in-person meeting of the Housing Directors Technical Advisory Committee and the Planning Directors Technical Advisory Committee on September 27. Guest speakers included Christina Stacy and Yonah Freemark (Urban Institute) made a presentation about "Zoning and Land Use Reforms for Increased Housing Affordability and Equity". The second half of the meeting was a workshop among participant members that discussed "Designing Reforms to Support Policy



---

Outcome”. Key questions – increasing the amount of housing near transit and how upzoning can increase the density and supply but doesn’t guarantee affordability.

Staff released the August issue of the Regional Economic Monitoring System (REMS) report that covers the following data points for July 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 planned release in fall of 2024.

Staff continued work on the Activity Centers Map/Project during September and scheduled “One-on-One Meetings” with Arlington County, Prince George’s County, the District of Columbia, the City of Rockville, Frederick County, and the City of Frederick. Other meetings are being planned for October.

Staff moderated a breakout session titled, “Land Use and Housing Linkages” at the national annual conference of the Association of Metropolitan Planning Organizations (AMPO) on September 26.

---

Task 9	BUDGET	Billed this month	% Funds Expended	UPWP Page
COMPLETE STREETS, MOBILITY AND ENHANCEMENT PROGRAMS	\$1,190,323	\$33,992	6%	75

## **9. COMPLETE STREETS, MOBILITY AND ENHANCEMENT PROGRAMS**

### ***9.1 Enhanced Mobility Grant Program***

Standard operations continued for 34 open Enhanced Mobility projects. Sixteen requests for reimbursement totaling \$158,045.21 were processed and paid. Collection of compliance items commenced for preparation of the Round 6 contracts process. Staff selected a candidate to offer position of Grants Program Analyst and bring onboard in October.

### ***9.2 Regional Roadway Safety Program***

Staff processed and circulated consultant proposals to individual Technical Selection Committees for each project for scoring and evaluation. A member jurisdiction additionally requested an expansion to their original project scope, with the jurisdiction funding additional work under the scope modification. Staff conducted research to understand the feasibility of the proposed contract model.

### ***9.3 Transportation Alternatives Set-Aside Program***

Staff met with DDOT staff to discuss the call for applications for the DC suballocation of the federal Transportation Alternatives Set-Aside Program. The application period opened in late September and will close on November 1.

### ***9.4 Transportation Land Use Connections Program***

Staff finalized the consultant procurement process for the nine TLC projects selected for FY 2025. At the beginning of the month, staff sent messages announcing the consultants that had been selected for each project. Throughout the reporting period, TPB staff and COG’s procurement office developed task orders for each project. During this time, staff also identified liaisons from the COG staff who were assigned to each project. By the end of the month, all the task orders were signed

---

and TPB staff sent out “green light” messages letting local staff and consultants know that the projects could begin.

Staff have begun planning a webinar for November 13 that will feature presentations on last year’s TLC projects.

Staff sent out end-of-year surveys to consultants and local staff to get input on last year’s projects, including potential improvements.

---

Task 10	BUDGET	Billed this month	% Funds Expended	UPWP Page
TPB MANAGEMENT AND SUPPORT	\$1,628,295	\$94,746	16%	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 of 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 **SEPTEMBER 2024 FY 2025** includes:

- 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 **SEPTEMBER 2024 FY 2025** include Telephone / Web Ex / Microsoft Teams Communications:

- Monthly Internal & External DMV Moves Meetings
- AMPO ActivitySim Consortium
- HUD PRO Housing Debrief
- MWCOG Office Remodeling Project
- Weekly COG / Deloitte HR Assessment Leadership Check- in & Interview
- Safety Summit Planning Discussion
- ActivitySim Monthly Partners Check-in
- COG Joint Housing & Planning Directors Technical Advisory Committee Meeting
- I-495 SE Meeting
- CRP Presentation VDOT/TPB Coordination

### ***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	\$47,525	4%	79
District of Columbia	\$296,890	\$2	0%	79
Maryland	\$537,832	\$44,266	8%	81
Virginia	\$446,894	\$3,256	4%	83
Regional Transit	\$405,331	\$0	0%	85

## **11. TECHNICAL ASSISTANCE**

### ***11.A District of Columbia***

#### **1. Program Development, Data Requests, and Miscellaneous Services**

Staff supervised the pick-up of the LEETRONVISION count equipment by DDOT staff for installation.

## 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.

### ***1.C Virginia***

#### 1. Program Development, Data Requests, and Miscellaneous Services

No activity.

#### 2. Travel Monitoring and Survey

Staff organized and participated in the kick-off meeting of fall 2024 active transportation counts. Subsequently, staff provided guidance and followed-up on the progress of the fall 2024 active transportation data collection.

Staff performed the QA/QC on the data from the eight eco counters along I-66 owned by VDOT from 8/16/2024 through 9/16/2024 and reported the findings to VDOT staff. Staff provided guidance and insight to VDOT staff about data spikes saw during this period, including Rt 50/Fairfax Farms Rd pedestrian counts and Virginia Center Blvd counts.

Staff performed field inspections of the four Eco counters that had some days with questionable counts. Staff removed spiderwebs and weeds and performed 15-minute counting validations at the four Eco counters.

### 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 underway as follows:

- Gaithersburg to Washington Grove Share-Use Path 30% Design – The city reviewed and developed comments on the 30% plan set based on existing conditions and utility maps and data provided by the city. Consultant developed concept-level solid waste management (SWM) plan and drainage area and net pervious calculations.
- DC, 9th Street NW Sidewalk 30% Design – DDOT submitted comments on the 15% designs that consultant submitted in July.
- Fairfax County, Prosperity Avenue Road Diet and Protected Bike Lanes 30% Design – County staff reviewed and development comments on draft documents, including 30% Plan set, Opinion of Probable Cost, Basis of Design Report, and updated Traffic Study materials including Synchro files.

The three projects are scheduled to be completed by the end of calendar year 2024.

### 3. Other Tasks to be Defined

---

## **CONTINUOUS AIRPORT SYSTEM PLANNING PROGRAM**

### Program Management

- COG/TPB staff has updated the monthly enplanement data.
- Staff arranged logistics for and supported the September 26 meeting of The Aviation Technical Subcommittee.
- Staff coordinated with FAA program personnel to close out an annual FAA Airport Improvement Program (AIP) grant to COG/TPB support Phase 34 of the Continuous Airport System Planning (CASP) Program.

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

- Staff revised the general findings report from the 2023 Regional Air Passenger Survey (APS) based on comments on the draft report from the Aviation Technical Subcommittee.
- Staff delivered a briefing addressing comments on the 2023 APS General Findings Report to the Aviation Technical Subcommittee on September 26.
- Staff conducted analysis for the APS geographic findings.
- Staff delivered a briefing on the 2023 APS focusing on general findings from the survey data to the Transportation Research Board (TPB) meeting on September 18.

#### Air Cargo Element Update

- Staff conducted research and continued drafting the report for the Air Cargo Element Update.
- Staff delivered a briefing on the Air Cargo Element Update to the Aviation Technical Subcommittee on September 26.

#### 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.

- The Visualize 2050 National Capital Region Transportation Plan is anticipated to be approved in December 2025, which is later than previously planned (June 2025) since the Air Quality Conformity (AQC) Analysis will now include two options: One without the I-95/495 Southside Express Lanes (SSEL) and one with the facility. The focus in 2025 is the AQC Analysis, the Plan Performance Analysis, and all the planning elements in the documentation.
- The FY 2026-2029 Transportation Improvement Program will be developed (December 2025 approval).
- Nine TLC projects for FY 2025 will be completed (June 2025)
- Six RRSP projects for FY 2025 will be completed (June 2025)
- Three Transit Within Reach projects will be completed (December 2024)
- TPB will select FY 2026 projects for funding and/or consultant services for the DC and Maryland Transportation Alternatives Set-Aside Program, Transportation and Land Use Connections projects, and Regional Roadway Safety projects.
- TPB will set Performance Based Planning and Programming targets for the following federal categories: Annual Highway Safety Targets, Annual Transit Safety Targets, and Transit Asset targets.
- TPB conducted a Regional Curbside Management Forum (August 2024)

TPB Work Program Progress Report  
SEPTEMBER 2024 FY 2025

Specific Projects/products:

		Consultant?	ECD <sup>1</sup>
1	2024 Regional Safety Study (enhanced transportation safety data deep dive),	Yes	March 2025
2	Implementation Considerations for On-Road Transportation Greenhouse Gas Reduction Strategies (ICORGHG)	Yes	Oct. 2024
3	Coordination of climate change mitigation implementation strategies.	TBD	TBD
4	Create the Regional Transportation Resilience Subcommittee	No	Fall 2025
5	Conduct resilience analysis: interior flooding analysis; economic analysis of select adaptation scenarios; and closures due to natural hazard data analysis and mapping	Yes	Varied
6	Update the National Capital Trail Network map	No	June 2026
7	Intercity Bus and Rail Travel Study		
8	Annual State of Public Transportation Report	No	June 2025
9	Update COG/TPB's strategic plan for travel demand model development	No	June 2025
10	Implementation of new Regional Travel Survey (RTS) format, transitioning from a "once-a-decade" to a more frequent survey activity	Yes	Multi-year
11	Regional coordination of future transit on-board surveys (TOBS)	Yes	Multi-year
12	Regional bike/active transportation count program	Yes	Multi-year
13	2025 Washington-Baltimore Regional Air Passenger Survey	Yes	Fall 2025
14	Washington-Baltimore Regional Air Cargo Element Update	No	Dec 2025
15	Ground Access Forecast Update	No	Spring 2025
16	Travel monitoring data sets and visualizations	Yes	Varies
17	Updated Regional Activity Centers Map	No	Dec 2024
18	Round 10.1 Cooperative Forecasts	No	June 2025
19	2024 Congestion Management Process Technical Report	No	Dec 2024
20	Visualize 2050 website	Yes	Dec 2025
21	Equity Deep Dive – Round 3	Yes	?
22	AFA reorganization	No	Dec 2025
23	CAC Recruitment – new cohort 2025-2026		January 2025
24	TPB Annual Report (Rachel?)	?	December 2025
25	Transit Access Focus Areas - update	No	Winter 2024/2025
26	TLC projects (9 individual products)	Yes	June 2025
27	Transit Within Reach (TWR) projects (3 individual products)	Yes	Dec 2024
28	Regional Roadway Safety Program (6 individual products)	Yes	June 2025
29	TPB Transportation Safety Summit/Forum	Yes	Fall 2024

<sup>1</sup> ECD = Expected Completion Date.

TPB Work Program Progress Report  
SEPTEMBER 2024 FY 2025

		<b>Consultant?</b>	<b>ECD<sup>1</sup></b>
30	Systems Performance, Operations, and Technology Planning Member Agency Operations Technology Inventory	Yes	Fall 2024
31	Maintain the Regional ITS Architecture	Maybe	June 2025
32	Conduct bicycle/pedestrian planning or design training, outreach, or professional development opportunities for member agency staff	No	June 2025
33	Decoding of 2023 vehicle registration/Vehicle Identification Number (VIN) data	Yes (for software); No (for use of decoder)	Sep. 2024
34	State of the Commute Survey	Yes	Winter 2025
35	Enhanced Mobility Grantee Solicitation	No	Summer 2025
36	Regional Electric Vehicle Infrastructure Implementation (REVII) Strategy	Yes	October 2024
37	Gen3 Model, Phase 3, development/usability testing	Yes	December 2025
38	Regional Travel Survey	Yes	Multi-year
39	Regional Transit Onboard Survey Coordination	Yes	Multi-year
40	Travel Monitoring Program Enhancement	Yes	December 2025
41	Visualizations and TRAP Page Development	No	Ongoing
42	Regional Activity Centers Map Update	No	February 2025
43	Technical Update for Cooperative Forecasts	No	June 2025



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

	DC, MD and VA		BILLED	
	FTA, FHWA and LOCAL	FUNDS	THIS	% FUNDS
	BUDGET TOTAL	EXPENDED	MONTH	EXPENDED
<b>1. Long-Range Transportation Planning</b>				
Long - Range Transportation Planning	1,776,609.06	286,634.04	121,866.09	16%
<b>Subtotal</b>	<b>1,776,609.06</b>	<b>286,634.04</b>	<b>121,866.09</b>	<b>16%</b>
<b>2. Transportation Improvement Program</b>				
Transportation Improvement Program	361,722.91	52,465.9	24,269.42	15%
TIP Database Support	250,000.00	60,037.23	40,024.82	24%
<b>Subtotal</b>	<b>611,722.91</b>	<b>112,503.13</b>	<b>64,294.24</b>	<b>18%</b>
<b>3. Planning Elements</b>				
Congestion Management Process	832,307.18	77,221.97	32,701.19	9%
Systems Performance, Ops & Tech Planning	418,739.11	93,663.19	29,811.17	22%
Transportation Emergency Preparedness Planning	146,521.95	26,605.78	8,161.8	18%
Transportation Safety Planning	496,836.42	59,958.07	19,075.43	12%
Bicycle & Pedestrian Planning	344,934.93	42,212.34	19,148.51	12%
Regional Public Transportation Planning	598,410.59	434,968.28	274,962.59	73%
Freight Planning	404,493.61	44,859.13	13,701.93	11%
Metropolitan Area Transportation Operation Coord Program Planning	176,906.28	21,880.56	7,672.19	12%
Performance-Based Planning & Programming	219,857.22	33,700.56	13,712.73	15%
Resilience Planning	0.00	9,806.06	0	0%
<b>Subtotal</b>	<b>3,639,007.29</b>	<b>844,875.94</b>	<b>418,947.54</b>	<b>23%</b>
<b>4. Public Participation</b>				
Public Participation	867,522.59	177,250.38	70,858.94	20%
<b>Subtotal</b>	<b>867,522.59</b>	<b>177,250.38</b>	<b>70,858.94</b>	<b>20%</b>
<b>5. Travel Forecasting</b>				
Software Support	0.00	259.19	259.19	0%
Model Development	1,239,847.78	206,953.03	83,826.61	17%
Network Development	2,300,391.38	352,314.41	135,404.92	15%
<b>Subtotal</b>	<b>3,540,239.16</b>	<b>559,526.63</b>	<b>219,490.72</b>	<b>16%</b>
<b>6. Mobile Emissions Planning</b>				
Air Quality Conformity	1,304,875.61	268,554.18	117,222.39	21%
Mobile Emissions Analysis	1,983,006.97	303,346.92	124,807.86	15%
<b>Subtotal</b>	<b>3,287,882.58</b>	<b>571,901.1</b>	<b>242,030.25</b>	<b>17%</b>
<b>7. Travel Monitoring and Data Programs</b>				
Research & Analysis	4,307,763.37	214,331.36	68,964.06	5%
Data Visualization & Management	995,946.55	212,507.72	68,048.15	21%
<b>Subtotal</b>	<b>5,303,709.92</b>	<b>426,839.08</b>	<b>137,012.21</b>	<b>8%</b>
<b>8. Planning Scenarios and Socioeconomic Forecasting</b>				
Socioeconomic Forecasting	1,144,171.97	148,656.98	59,676.4	13%
<b>Subtotal</b>	<b>1,144,171.97</b>	<b>148,656.98</b>	<b>59,676.4</b>	<b>13%</b>
<b>9. Complete Street Mobility and Enhancement Programs</b>				
Transportation and Land Use Connections Program	839,100.70	54,524.78	22,560.15	6%
Enhanced Mobility Grant Program	95,618.13	6,534.19	2,827.64	7%
Transportation Alternatives Set-Aside Programs	37,030.30	7,162.13	5,675.05	19%
Regional Roadway Safety Program	218,574.01	6,727.4	2,930.09	3%
<b>Subtotal</b>	<b>1,190,323.14</b>	<b>74,948.5</b>	<b>33,992.93</b>	<b>6%</b>
<b>10. TPB Support and Management</b>				
TPB Support and Management	1,628,295.97	261,665.66	94,647.01	16%
UPWP	0.00	99.95	99.95	0%
<b>Subtotal</b>	<b>1,628,295.97</b>	<b>261,765.61</b>	<b>94,746.96</b>	<b>16%</b>
<b>Core Program</b>	<b>22,989,484.59</b>	<b>3,464,901.39</b>	<b>1,462,916.28</b>	<b>15%</b>
<b>A. District of Columbia Technical Assistance</b>				
Program Development & Misc.	296,890.77	2.87	2.87	0%
<b>B. Maryland Technical Assistance</b>				
Program Development & Misc.	537,832.84	44,266.13	44,266.13	8%
<b>C. Virginia Technical Assistance</b>				
Program Development & Misc.	446,894.41	16,268.62	3,256.41	4%
<b>D. Public Transit Technical Assistance</b>				
Program Development & Misc.	405,331.64	0	0	0%
<b>Technical Assistance</b>	<b>1,686,949.66</b>	<b>60,537.62</b>	<b>47,525.41</b>	<b>4%</b>
<b>TPB Grand Total</b>	<b>24,676,434.25</b>	<b>3,525,439.01</b>	<b>1,510,441.69</b>	<b>14%</b>

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

	TOTAL		FTA/STA/LOCAL		PL FUNDS/LOCAL	
	AUTHORIZED	TOTAL	AUTHORIZED	FTA	AUTHORIZED	FHWA
	BUDGET	EXPEDITURES	BUDGET	EXPENDITURES	BUDGET	EXPENDITURES
<b>A. District of Columbia Technical Assistance</b>						
Climate Chg 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
TBD	240,890.53	0.00	6,687.89	0.00	234,202.64	0.00
Transportation and Land Use Connections Program	0.00	0.00	0.00	0.00	0.00	0.00
<b>Subtotal</b>	<b>296,890.77</b>	<b>2.87</b>	<b>8,242.64</b>	<b>0.08</b>	<b>288,648.13</b>	<b>2.79</b>
<b>B. Maryland Technical Assistance</b>						
Feasibility/Special Studi	25,001.16	0.00	694.11	0.00	24,307.05	0.00
Pgm Development & Misc	15,000.24	0.00	416.45	0.00	14,583.79	0.00
Regional Safety PGM-MD	175,000.00	44,266.13	4,858.56	1,228.97	170,141.44	43,037.16
TBD	22,831.44	0.00	633.87	0.00	22,197.57	0.00
TLC-MD	300,000.00	0.00	8,328.96	0.00	291,671.04	0.00
<b>Subtotal</b>	<b>537,832.84</b>	<b>44,266.13</b>	<b>14,931.97</b>	<b>1,228.97</b>	<b>522,900.87</b>	<b>43,037.16</b>
<b>C. Virginia Technical Assistance</b>						
Pgm Development & Misc	15,000.24	0.00	416.45	0.00	14,583.79	0.00
Regional Safety PGM-VA	89,000.00	0.00	2,470.93	0.00	86,529.07	0.00
VDOT Raise Grant	11,593.28	0.00	321.87	0.00	11,271.41	0.00
TLC-VA	80,000.00	0.00	2,221.06	0.00	77,778.94	0.00
Travel Demand Modeling	15,000.24	0.00	416.45	0.00	14,583.79	0.00
Travel Monitoring	236,300.65	16,268.62	6,560.46	451.67	229,740.19	15,816.95
VA Other Tasks	0.00	0.00	0.00	0.00	0.00	0.00
<b>Subtotal</b>	<b>446,894.41</b>	<b>16,268.62</b>	<b>12,407.22</b>	<b>451.67</b>	<b>434,487.19</b>	<b>15,816.95</b>
<b>D. Public Transportation Technical Assistance</b>						
Pgm Development & 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 Soli	250,000.00	0.00	250,000.00	0.00	0.00	0.00
<b>Subtotal</b>	<b>405,331.64</b>	<b>0.00</b>	<b>405,331.64</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>Grand Total</b>	<b>1,686,949.66</b>	<b>60,537.62</b>	<b>440,913.47</b>	<b>1,680.72</b>	<b>1,246,036.19</b>	<b>58,856.90</b>