FY 2025

National Capital Region Transportation Planning Board

Work Program Progress Report
OCTOBER 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 October. 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	$106,402	22%	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 October meeting. This includes identifying the projects that have been completed since the adoption of Visualize 2045.

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. Staff reviewed the Equity Deep Dive for which elements of the study could be reflected in various process documents based on topic. Staff attended a webinar on equity in planning.

1.3 – Future Plan Development

Staff created a detailed plan for mapping in all chapters in Visualize 2050 including the status of each map's development and the layers to be included. Staff continued reviewing the non-regionally significant (NRS) inputs and preparing for the PIT 2.0 transition, scheduled now for mid-November. Staff presented a status report to the STWG and Technical Committees on the NRS review/PIT 2.0, and an update to the TPB Community Advisory Committee on the TPB's actions from May/June 2024 and answered member questions about the plan and its development.

Staff held the monthly 2050 team meeting and finished reviewing the PIT form, discussing how best to report on the information captured through the project inputs. Staff continued drafting sections of the plan, process documents, and the website in consultation with the graphic designer. 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 updated. Staff met weekly to discuss plans and PIT items. Staff began the process of amending the contract with the graphic designer to include full build-out of the website design.

1.4 – Federal Compliance

Staff attended a meeting about how MDOT intends to prioritize projects starting next year with a trial year as well as MDOT pre-tour preparation meetings with local governments. Staff attended the regional coordination meeting for Arlington County's long-range transportation plan update and the NVTA's RJACC meeting to keep up with VA initiatives and funding activities and provided an update on TPB's activities. To comply with VA law, staff worked with VDOT to prepare for TPB's participation in an annual listening session in Virginia scheduled for December. Staff attended the Virginia VDOT/OIPI/DRPT/MPO Quarterly Coordination meeting including updates from the VTrans state transportation plan development process.

1.5 – Policy Board-Directed Activities

Staff took part in the Regional Roadway Safety Summit. Staff provided the TPB with a memo responding to a request to look into a third scenario for air quality analysis for Visualize 2050. Staff kept 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 to make progress on the two new 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,

the first phase of the project includes selecting a data provider with confidence, so work continued on coordinating early stages of data collection, including receipt and review of the Task 2 memo. At the end of the month, a small group of local representatives with flood planning experience was convened to receive feedback on the recommended data source. 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 presented to the TPB Board, bringing resolution R2-2025 forward to form this new subcommittee, which was approved on October 16, 2024. Staff also prepared for and presented to MWCOG's Region Forward Coalition.

Staff also continued to participate in advancing the field of transportation resilience planning, specifically at the regional level, by attending and presenting at a FHWA Resilience Peer Exchange hosted at the Atlanta Regional Commission's office in downtown Atlanta. 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	$31,055	23%	47

2. TRANSPORTATION IMPROVEMENT PROGRAM
2.1– Transportation Improvement Program (TIP)

On October 4, the TPB Steering Committee adopted three resolutions approving the amendments to the FY 2023-2026 TIP described below, as requested by DDOT, Prince George's County, and VDOT.

- TPB SR15-2025 approved DDOT's request to add a net total of approximately $97 million – including $50 million in RAISE discretionary grant funding – to the District's portion of the TIP by adding three new projects and reprogramming funds on 34 existing project and program records, adding. The three new projects are:
    - Wheeler Road Multimodal Safety and Access Project (T13646) – $31.25 million
    - Francis Scott Key Bridge Rehabilitation II (T13645) – $4.34 million
    - 27th Street Bridge over Broad Branch Rehabilitation (T13623) – $3.67 million
  All projects included in this amendment were either included in the Air Quality Conformity Analysis of the 2022 Update to Visualize 2045 and the FY 2023-2026 TIP or were exempt from the air quality requirement.

- TPB SR16-2025 approved Prince George's County DPW&T's request to include $120,000 in Bridge Formula and local funding to FY 2025 and 2026 (with an additional $60,000 to be included in FY 2027, beyond the current out-year of the TIP, for a total of $180,000) to fund the Bridge Program Manager who is responsible for managing the county's National Bridge Inspection Standards (NBIS) program. Funding for this position is exempt from the air quality conformity requirement.

- TPB SR17-2025 approved VDOT's request to add $2 million in state funding for the infrastructure construction and operation of an express bus service between Tysons, Virginia and Bethesda, Maryland. Bus route 798 will be operated by Fairfax Connector. This new transit service was included in the Air Quality Conformity Analysis of the 2022 Update to

Visualize 2045 and the FY 2023-2026 TIP as part of the transit service associated with the I-495 NEXT project.

TPB staff postponed the submission of Administrative Modifications during the month of October in preparation for the launch of the upgraded PIT platform.

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.

All work done by the consultant in October was done in preparation for transition from the current PIT stack to the new "PIT 2.0" platform. This included a preliminary shutdown of access to the old (prime) platform in preparation of a transition to the new platform. The decision was made to delay the launch of the upgraded platform by one month because conditional logic programming was still being applied to the project input forms. The consultant finished this programming and performed multiple tests in preparation for the new November launch date.

Task 3	BUDGET	Billed this month	% Funds Expended	UPWP Page
PLANNING ELEMENTS	$3,639,007	$183,844	28%	49

3. PLANNING ELEMENTS

3.1 Performance-Based Planning

TPB staff began collection of safety data and adopted targets from highway, transit, and safety agencies. Slide decks were prepared for November briefings on the safety target adoption process and on regional performance against previous years' targets.

3.2 Congestion Management Process

The draft 2024 Congestion Management Process Technical Report was presented to the Technical Committee at its October 4 meeting for review and comment, with comments requested by October 18, toward the Committee's anticipated final acceptance of the report at its November 1 meeting.

Analysis was undertaken toward future quarterly editions of the National Capital Region Congestion Report.

3.3 Systems Performance, Operations, and Technology Planning

Staff continued review of the consultant-provided report summarizing the recent inventory of member agencies regarding operations technology, toward future presentations to committees.

3.4 Transportation Emergency Preparedness Planning

The regularly scheduled October 9, 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 and the event was held on October 31 in Alexandria, VA.

In the weeks leading to the event, staff coordinating across COG departments to organize and execute multiple elements of the Summit, such as briefing and preparing speakers, developing

talking points for session moderators, testing and preparing audio-visual equipment for virtual participation and livestreaming, developing a webpage dedicated to the event, confirming event registrants, and coordinating with the off-site venue staff.

On the day of the event, staff carried out several logistics for a successful summit.

In addition to the Summit, staff continued coordination with the consultant team to advance several elements of the Regional Safety Study. The consultant reviewed and shared results from the jurisdictional questionnaire.

The Transportation Safety Subcommittee held its bi-monthly recurring meeting on October 8. The meeting featured presentations on Comprehensive Safety Action Plans by consultant firms, and the FY 2024 Street Smart campaign by TPB staff. Planning meetings were also held on October 24 with the Subcommittee Chair to identify topics and speakers for future meetings.

3.6. Bicycle and Pedestrian Planning
Briefed the Transportation Safety Subcommittee on the Fall Street Smart campaign at their October 8 meeting.   Helped the Office of Communications line up interviewees for their video series on COG/TPB programs, in this case the Street Smart campaign.

Attended Virginia Pedestrian Safety Task Force meeting on October 8 and the Virgina Bicycle and Pedestrian Advisory Commitee meeting on October 22,

3.7 Regional Public Transportation Planning
The Regional Public Transportation Subcommittee (RPTS) met in an in-person/hybrid format on October 22nd at the COG bldg. There was a remote presentation by Molly Poppe from CTA (Chicago) about the agency's new Innovation Studio. Other presentations covered DASH's automated onboard accessibility system, TPB's ongoing Intercity Travel Analysis, an update on DMVMoves, and an update on the development of regional transit safety targets for 2024. The last meeting of the year is scheduled for Nov. 26th.

Staff continued to support the DMVMoves transit initiative, developing meeting and reference materials and working with on-call planning consultants, focusing ultimately on the development of a comprehensive regional transit funding model and service baseline.

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 presentations given by the consultant to RPTS and prospectively in November to the TPB Technical Committee,

Staff continued work on the 2023 State of Public Transportation Report and coordinated with colleagues on Visualize 2050 plan development.

Staff attended the Virginia SJ28 Technical Working Group meeting, the monthly WMATA JCC and NVTC MAC meetings, the NCRBLC ZEB Subcommittee quarterly meeting, and an MDOT Complete Streets Policy Implementation Training for local jurisdictions.

3.8. Freight Planning
Planning sessions were held on October 17 and 31 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 October 8, 2024 virtual meeting of the MATOC Severe Weather Coordination Working Group was organized and conducted, discussing transportation agency preparations for the upcoming completed winter weather season.

The regularly scheduled October 18 meeting of the MATOC Steering Committee was organized and conducted in person at the MATOC offices in College Park, Maryland, discussing communications, coordination, and Traffic Incident Management topics.

The regularly scheduled October 24 virtual meeting of the MATOC Operations Subcommittee was organized and conducted, discussing regional roadway operations and traffic issues.

Task 4	BUDGET	Billed this month	% Funds Expended	UPWP Page
PUBLIC PARTICIPATION	$867,522	$45,850	26%	53

4. PUBLIC PARTICIPATION

4.1 Public Participation and Outreach
The October meeting of the TPB Community Advisory Committee (CAC) was held in-person and virtually. The meeting featured discussion of the DMV*Moves* initiative, updates on Visualize 2050 and a presentation on the 2023 Washington-Baltimore Air Passenger Survey.

The Access for All Advisory Committee did not meet in October. Staff continued to work on plans to refresh the committee.

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

TPB Community Advisory Committee accepting member applications
October 4, 2024

Officials unveil new Slow Down, Life Ahead campaign
October 29, 2024

Staff updated pages on the COG website related to the Transit Within Reach Program, Regional Roadway Safety Program, Transportation Land Use Connections Program, and Transportation Resilience.

Staff shared information about TPB activities via social media:

Celebrate Commuter Connections 50th anniversary (posts on October 1, 2 and 4), TPB Community Advisory Committee application period (October 4), TLC receives APA award (October 11), TPB board meeting notice (October 16), National Move Over Day (October 18), Vibrant Communities webinar (October 18), Street Smart campaign (October 29), TPB Regional Roadway Safety Summit (October 31)

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 and plan layout design concepts.

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 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	$90,631	18%	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 completed development and Quality Assurance/Quality Control (QA/QC) of 2030, 2040 with the I-95 Southside Express Lanes ("2040 Option B SSEL"), and 2040 without the I-95 Southside Express Lanes ("2040 Option A SSEL") forecast-year highway and transit network input files and passed them along for travel demand modeling. Staff began development and review of a 2045 forecast-year network.

Staff incorporated the changes made to the 2025 draft network files in Cube Public Transport (PT) format into the active network database. Staff also found additional transit route coding errors and fixed them in the 2025 network. Staff applied the same corrections to the 2030 and 2040 transit networks.

Staff started to work on improving the error-handing and error-reporting of COGTools.

Staff conducted travel forecasting using the 2025 PT network files as part of the Gen3 Model usability testing. When analyzing the preliminary modeling results, staff found a glitch in the network database that led to different facility type codes on a small group of links in the TRNBUILD and PT networks. Staff resolved the issue in the network database by keeping only one facility type field for both TRNBUILD and PT networks. Staff also manually fixed the incorrect facility type codes in the 2025 link.dbf file for the travel model.

Staff extended a Python-based network input checker program to conduct Quality Assurance/Quality Control (QA/QC) checks on both highway and transit network inputs to travel demand models.

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 continuously improve the QA/QC procedure. 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, so it did not meet in October. Nonetheless, staff prepared meeting highlights for the September 20 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 continued to test the Gen2/Ver. 2.4.6_PT Model and evaluate the feasibility of using this model or its successor for future production work. Staff conducted a model run with the updated 2018 inputs. Staff then performed the 2018 validation of the Ver. 2.4.6_PT Model and compared the validation metrics to those from the 2018 validation of the Ver. 2.4 Model. Staff documented preliminary observations and findings which are currently under review.

During the modeling work mentioned above, staff found a glitch in the highway validation summary program and fixed it.

Staff developed a post-processing highway assignment program that implements the Subarea Trip Extraction (STE) functionality in Cube for the Gen2 Travel Model, enabling model users to extract the Origin-Destination trip flows for a specified subarea. In October, staff continued to work on the documentation of this work.

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. COG/TPB staff is taking the lead on the Phase 3 development, with the on-call support from RSG and Baseline Mobility Group (BMG). Specifically:

- Staff had a Gen3 Check-in meeting with consultants on October 22.
- Staff continued to make updates, including adding new features, feature enhancements and bugfixes, to the Gen3 Model as needed.
    - As Mambaforge will be retired as of December 2024, staff replaced Mambaforge with Miniforge3 in the model and updated the documentation accordingly. Subsequently, staff installed and tested Miniforge3 on the tmws06 and tmsdev cloud servers.
    - Based on preliminary usability testing results, staff identified and fixed two glitches in the model, which resulted in a new model version (v.1.0.3).
        - RSG staff fixed a glitch regarding missing of high-occupancy vehicle trips in the external (IX/XI) trip tables.
        - COG staff fixed a rounding issue for the LANDAREA variable in the land use data, which led to different area-type codes on 12 links in the TRNBUILD and PT highway networks.
    - Staff also removed a redundant support file (todcomp_2008HTS.dbf) and changed a misleading file name (Prepare_Internal_TruckEnds.s) in the Gen3/v.1.0.3 Model.
    - Staff found and fixed a minor glitch in the Gen3 Model flowchart.
    - Staff tested the possibility of running the Gen3 Model for an analysis year prior to the model base year (2018). After updating the CPI file, staff successfully conducted a proof-of-concept test run for 2005.
    - Staff encountered a model error in the toll setting step due to the hyphen character contained in the model directory name. The model run, however, continued despite this fatal error. Staff are working to trap these types of errors in the model.
    - Staff continued to test ActivitySim Version 1.3.1 for the Gen3 Model. In October, staff changed the Gen3 Model environment from ActivitySim 1.2.1 to ActivitySim 1.3.1. Staff are currently working to update the model configurations with the assistance of RSG to ensure compatibility with ActivitySim 1.3.1.

- o Staff continued to test Cube 2024 for the Gen2 and Gen3 travel models. This activity is currently on hold as the software developer, Bentley Systems, Inc., is still working to resolve issues encountered earlier.
  - o 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:
  - o Staff conducted the 2025 model run for the usability testing and analyzed the preliminary model results:
    - Staff generated an array of model summaries, including spreadsheet tables and graphics, that compare the 2025 modeling results between the Gen2 and Gen3 Models. Staff created several new summary scripts/programs for these summaries.
    - Staff discussed their preliminary findings internally on October 15 and October 16, and with consultants on October 22.
    - Staff investigated the discrepancies found in the comparison summaries, which led to several fixes to the model code or inputs.
    - Staff are in the process of conducting a 2025 model rerun with the new model version (v.1.0.3) and updated model inputs.
  - o Staff started to prepare year-2030 model inputs for the usability testing.

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 October, staff serviced four data requests. One request was for loaded-link highway network files in GIS shape file format for the years 2017, 2021, 2023, 2025, 2030, 2040, and 2045 by a consultant working for private clients for traffic impact studies and local municipalities (including Arlington County) for long-range planning work. The requested data will be used to obtain forecasted future travel volumes in the metropolitan Washington region to assess the capacity of regional roadways. The second request was from M-NCPPC, Montgomery County Planning Department, for year 2018 exogenous trip files, based on the Round 9.2 Cooperative Forecasts, to be used for the county's future master plans and other projects. The third request was from an academic for the Gen2/ Ver2.4.6 Travel Model from George Washington University (GWU) to support the National Institutes of Health (NIH); National Institute of Environmental Health Sciences (NIEHS); and Research and Engagement for Action in Climate and Health (REACH) Center. The fourth request was also for the Gen2/ Ver2.4.6 Travel Model from a consultant working on a Prince William County project that includes future travel demand forecasts.

Staff also responded to an inquiry from Southeast Michigan Council of Governments (SEMCOG) staff regarding the Vehicle Type Choice Model in the Gen3 Model.

Per an inquiry from the COG's Travel Forecasting and Emissions Analysis (TFEA) Team, staff from COG's Planning Data and Research (PDR) Team reviewed traffic count data on regional screenlines #2 and #4 (which are located in the District of Columbia) and documented their findings. PDR staff shared the documentation with the TFEA team on October 10. TFEA staff reviewed them and provided feedback on October 15.

Staff attended ActivitySim Consortium meetings regularly on Tuesdays and Thursdays. Staff also attended an ad hoc coordination meeting between the consortium and COG/TPB management on October 24 regarding finding an administrative agent for the ActivitySim Consortium.

Staff attended the Monthly Big Data User Group meeting on October 17, 2024.

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 requested IT to modify the criteria for sending notifications on the cloud server usage.

In October, HR made a job offer to a job candidate selected for the Transportation Engineer 2/3 position that will replace Joe Davis. After the offer was accepted, staff coordinated with HR to finalize the hiring process.

Task 6	BUDGET	Billed this month	% Funds Expended	UPWP Page
MOBILE EMISSIONS PLANNING	$3,287,883	$135,304	22%	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 2030 and 2040 analysis year networks.

Staff completed travel demand model runs for the 2026 and 2030 analysis years and conducted the related quality assurance tasks and reasonableness checks.

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 was conducted to ensure that the tools used to develop future air quality conformity emissions estimates are up to date with the tools used to develop the MVEBs. The Metropolitan Washington Air Quality Committee (MWAQC) approved the updated 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 approved the revised MVEBs, which will be used for the Visualize 2050 air quality conformity analysis, on October 4, 2024.

DEP and TPB 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). DEP staff briefed the MWAQC Technical Advisory Committee on the proposed schedule for development of the plan (item #3).

Upon completion of decoding and processing of the 2023 Vehicle Registration Data, which are used to develop inputs to the MOVES4 model for the Visualize 2050 air quality conformity analysis, staff briefed the TPB Technical Committee (item #9) and the MWAQC Technical Advisory Committee (item #2) on the findings of the analysis of the dataset in relation to prior vehicle registration datasets. Staff discussed potential implications of the vehicle registration data trends on emissions and the region's ability to meet various air quality and climate goals.

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 attended a Federal Funding Basics Workshop organized by MDOT staff (October 15). Staff also attended two US DOT webinars called Carbon Reduction Strategies: From Planning to Implementation (on October 9 and 17).

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. Specifically, the DEP staff are working with our members to develop the Comprehensive Climate Action Plan (CCAP) for the Washington-Arlington-Alexandria DC-VA-MD-WV Metropolitan Statistical Area, as specified in the CPRG.

Staff continued to participate in electric vehicle (EV) planning activities. Upon finalization and publication of the Regional Electric Vehicle Infrastructure Implementation (REVII) strategy document (final study deliverable) developed by the consultant (ICF), TPB staff, COG staff, and ICF staff presented the study findings and the strategy to the COG Board of Directors (item #9). DEP staff also briefed the TPB Technical Committee on the recent award of $3.9 million, provided through the Charging and Fueling Infrastructure (CFI) Grant Program, to expand the regional electric vehicle charging infrastructure (Other Business).

TPB staff and project consultant (ICF) briefed the TPB Technical Committee (item #4) and the TPB (item #8) on the Implementation Considerations for On-Road Transportation Greenhouse Gas (GHG) Reduction Strategies and shared the final report with the members. TPB staff, with ICF's assistance, conducted this study to examine implementation issues and considerations associated with the seven strategies identified for further exploration by the TPB in 2022, plus an additional nine strategies identified by ICF in consultation with the TPB staff and the TPB Technical Committee.

TPB staff worked closely with DEP staff and provided data to member jurisdictions to facilitate jurisdiction-level climate planning activities in the region. In response to a request by Fairfax County, staff developed vehicle registration data summaries to assist the county with tracking vehicle electrification trends. In response to a request by Arlington County, staff provided VMT data by vehicle type to assist the county in development of its GHG inventory.

Staff continued to monitor developments related to climate change planning at the national level. Namely, staff attended the FHWA Every Day Counts - GHG Webinar 4 - Integrating GHG Emissions into Long Range and Other Transportation Plans (October 1).

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, specifically MOVES4.0.1, will be used in the Visualize 2050 air quality conformity analysis. DEP staff continued working on developing MOVES4.0.1 input files for milestone years (2025, 2026, 2030, 2040, 2045, and 2050) for the Visualize 2050 conformity analysis.

Staff also continued to follow developments related to the next version of the MOVES model (MOVES5), which has been tested by the EPA but not yet finalized. Staff attended a webinar organized by the Association of Metropolitan Planning Organizations (AMPO), during which EPA staff shared preliminary findings related to MOVES5 (October 17).

Task 7	BUDGET	Billed this month	% Funds Expended	UPWP Page
TRAVEL MONITORING AND DATA PROGRAMS	$5,303,709	$205,261	12%	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 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 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 delivered a presentation to the Community Partners Advisory Group and the Government Partners Advisory Group at their October 23, 2024 meetings.

Staff participated 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.

Staff conducted multiple Origin-Destination (OD) analysis at census tract level on the StreetLight platform.

Staff developed a customized query to extract bus trips along with auto trips from the Replica Big Query database.

Staff exported tract-level OD distribution from data sets of RTS, Replica and StreetLight

Staff calculated the difference ratios of Replica and StreetLight compared to RTS vehicle trips.

Staff conducted descriptive statistical analysis of the difference ratios.

Staff made plots for the difference ratios and maps of trips to locate the top tract OD routes.
Traffic Trends

Staff requested and received the 2023 Vehicle Miles Traveled (VMT) data by roadway functional classification from VDOT. Staff performed QA/QC by comparing the data with previous years and with the Virginia 2023 AADT tables. Staff subsequently reached out to VDOT to share unexpected findings. Staff summarized 2023 regional weekday VMT from the District, Maryland, Virginia, and Jefferson County, WV and performed the 2023 updates to the Regional VMT Trends table.

Staff provided the 2023 preliminary Regional VMT Trends table to Safety and System Performance Team staff.

Per request from the TFEA team, staff researched the differences between observed and modeled traffic volumes on screenlines #2 and #4. Staff produced a spreadsheet and memo detailing the findings and provided them to TEFA team staff.

Staff conducted research on big data Active Transportation AADT availability and quality.

Staff shared big data findings on Network Performance with Streetlight staff.

Staff participated in the big data user group meeting, the Regional Trail Count Program quarterly meeting, and the TPB Technical Committee meeting.

Staff responded to a data request from a consultant regarding 2023 DC VMT.

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 various projects for the purpose of succession planning.

Data Requests

None.
Meetings & Conferences

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

Staff attended and provided support to the DMVMoves Community Partners Advisory Group Meeting and DMVMoves Government Partners Advisory Group Meeting on October 23.

Staff participated in weekly meeting coordinating the DMV Moves Survey.

7.2 Data Management and Visualization Services
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. Examples of updates include adding content to the TRAP and updating existing layers with references to current versions of data.

Staff developed Python code to automate the process to update the TPB web mapping application "Demographic Characteristics of Equity Emphasis Areas." Steps include downloading American

Community Survey (ACS) 2018-2022 5-year estimate data using the Census Bureau API, cleaning and formatting, and overwriting the existing data layers.

Staff developed Python code to create a generic Census data download tool that allows users to download specific tables(s) from the American Community Survey (ACS) 2018-2022 5-year estimate data using the Census Bureau API and creating a new hosted feature layer of the TPB Planning area with the tabular data downloaded using the Census API.

Staff completed a Power BI visualization of data from the National Household Travel Survey (NHTS) 2022 NextGen OD (passenger) survey and 2022 Truck Survey. Staff also created a memo documenting the process

Staff began to process and clean Metrorail ridership data received from the Washington Metropolitan Area Transit Authority (WMATA). Staff also updated the station name fields in TPB/COG's GIS datasets of Metrorail stations to be consistent with current WMATA data.

Staff completed collection of geospatial data related to critical infrastructure datasets based on the methodology and analysis of the Union of Concerned Scientists (UCS) study on how sea level rise predictions will affect critical infrastructure. Staff created several feature layers and developed a web map of regional floodplains and proximity of critical infrastructure based on the categories used in the UCS analysis.

Staff received the 2023 VMT Regional Vehicle Miles Traveled (VMT) tabular data from fellow staff and published the update to the Regional Transportation Data Clearinghouse (RTDC).

Staff continued to work with fellow staff to support the upcoming work to update the Transit Access Focus Areas (TAFA).

Staff met with fellow DTP staff and WMATA staff on October 7 to learn more about WMATA's recently completed 'pedshed' analysis.

Staff received the most recent version of the adjusted Urban Area boundaries from the Maryland Department of Transportation (MDOT) staff. Staff began assembling relevant data to create a draft regional adjusted boundary. This work is ongoing.

Staff began to plan this year's GIS Day event, which will be held November 19. Staff developed a tentative agenda and began development of a web application to be used in conjunction with COG's photo contest event. This work is ongoing.

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 began preparing for the November GIS Committee/GDX Working Group meeting materials and reached out to committee members to gauge interest in being nominated for the GIS Committee Executive Committee for 2025.

Data Requests

Staff responded to an inquiry from Prince George's County staff regarding the availability of a traffic count viewer application for the TPB Planning area. Staff provided a link to an application developed by the Maryland Department of Transportation (MDOT).

Staff responded to an inquiry from fellow staff regarding 2020 Urban Area boundaries for the TPB Planning area. Staff created a hosted feature layer in ArcGIS Enterprise that contains the relevant 2020 Census Urban Areas in the TPB Planning area.

Meetings & Conferences

Staff attended and participated in the Federal Highway Administration (FHWA) Peer Climate Resiliency Summit in Atlanta on October 24.

Staff attended the RITIS User Group Web meeting on October 3.

Staff attended the Big Data Users Group meeting on October 17.

Staff attended the Planning Directors Technical Advisory Committee meeting on October 18.

Staff attended the TPB Regional Public Transportation Subcommittee meeting on October 22.

Staff attended the Esri Lunch & Learn: *Public Engagement with ArcGIS Apps* October 24.

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	$39,070	16%	71

8. REGIONAL LAND USE AND TRANSPORTATION PLANNING COORDINATION

8.1 Regional Land Use and Transportation Coordination

Staff met the Cooperative Forecasting and Data Subcommittee on October 8th. Greg Goodwin, Principal Planner with the COG staff provided a briefing on a City of Alexandria request to update their Round 10.0 Cooperative Forecasts. Mr. Goodwin provided a memo outlining an opportunity for local jurisdictions to update their Round 10.0 Cooperative Forecasts. An initial discussion by the local government members followed and Mr. Goodwin requested a "Letter of Intent" for jurisdictions needing to update their forecast be provided to COG by the end of November.

Staff hosted a virtual meeting of the Planning Directors Technical Advisory Committee on October 18. Paul Stoddard, Chair, lead a discussion about key outcomes from the Joint Housing Directors/Planning Directors Technical Advisory Committees September meeting. The second half of the meeting Greg Goodwin with the COG staff gave a briefing about the proposed opportunity to update the Round 10.0 Cooperative Forecasts and project status relating to the Activity Centers map update and next steps.

Staff released the September issue of the Regional Economic Monitoring System (REMS) report that covers the following data points for the month of August 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 the month of October and scheduled "One-on-One Meetings" with the District of Columbia and Prince George's County. Additional calls with Prince George's County and Montgomery County are planned for November. An initial map of Regional Activity Centers is planned for presentation to the Planning Directors Technical Advisory Committee in November.

Task 9	BUDGET	Billed this month	% Funds Expended	UPWP Page
COMPLETE STREETS, MOBILITY AND ENHANCEMENT PROGRAMS	$1,190,323	$25,302	8%	75

9. COMPLETE STREETS, MOBILITY AND ENHANCEMENT PROGRAMS

9.1 Enhanced Mobility Grant Program

Standard operations continued for 34 open Enhanced Mobility projects. Fourteen requests for reimbursements totaling $147,002.39 were processed and paid. New hire started in Grants Program Analyst position. Collection of compliance items continued for preparation of the Round 6 contracts process. The Grantee Orientation held to inform and educate new grantees on federal and COG requirements associated with the Enhanced Mobility (Round 6) program. One vehicle was inspected and delivered to a subrecipient. Quarterly progress reports were collected from subrecipients and reported to FTA via TrAMS.

9.2 Regional Roadway Safety Program

Staff gathered and tallied scores from Technical Selection Committee members to identify the consultants to carry out each project scope. Task Order and purchase orders were subsequently drafted and issued in preparation for work to begin.

The procurement process for one project was re-started following a scope modification. Task Order Requests were re-issued to a limited number of consultants and proposals were received on October 30.

9.3 Transportation Alternatives Set-Aside Program

Staff worked with DDOT staff to extend the end of the application period for the DC suballocation of the federal Transportation Alternatives Set-Aside Program. The application period opened in late September and will now close on November 22.

9.4 Transportation Land Use Connections Program

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

- Alexandria, Edsall Road Corridor Improvements – A Kickoff meeting was held in late September followed by a site visit on October 17. E-mail exchanges have occurred to exchange data, methodology, and determine monthly meeting schedule.

- College Park, River Road Protected Bike Lanes Project - 30% Design Phase – Consultant team began work, including meeting with SHA, CAD base-mapping, and conducting traffic counts.
- DC, Capital Bikeshare Fare Study – A kickoff meeting was held on October 10. The project objectives were confirmed as well as the project scope, key deliverables and schedule.
- DC, Public Space Strategies to Advance Racial Equity – Kickoff meetings held on 10/16 and 10/24, with site visits on 10/30 and the upcoming 11/8. Smith Group invited the OP to engage all relevant stakeholders, with additional DC offices participating, offering valuable insights on Okie Street.
- Fairfax County, Wiehle Avenue Safety 30% Design – Kickoff meeting held on 09/30; site visit on 10/18; monthly meeting on 10/28. Fehr & Peers and Fairfax County remain in constant communication. Consultant is processing Wiehle Ave traffic count, and design area was defined during field visit.
- Frederick County, Southern East Street Redesign 30% Design – A kick-off meeting was held on October 11. Following the meeting, the consultant team provided an updated scope to better address the traffic analyses and the impacts related to the desired multimodal use of this corridor section.
- Montgomery County, Montgomery County VMT Tool – Two meetings (a pre-kickoff meeting and a kickoff meeting) were held in October. There were a couple of follow-up emails as well. In the next meeting (on 11/07), the team will discuss a more detailed schedule, a list of questions to guide the literature review, data sources, etc.
- Rockville, Congressional Lane Complete Street Feasibility Study – Consultant team began work, including collaborating with the jurisdiction to get traffic count data, a field visit, and starting on the curbside/parking utilization for the agreed upon time periods.
- Takoma Park, New Ave Bikeway Purple Line Connection Study – The project's kickoff meeting was held in early October where the team discussed the corridor and their game plan for engaging with the community. In late October, a field visit was conducted where bicycle and pedestrian opportunities and constraints were documented.

Staff continued planning the webinar for November 13 that will feature presentations on last year's TLC projects, along with RRSP and TWR.

Staff drafted an RFQ for a solicitation 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 November.

Task 10	BUDGET	Billed this month	% Funds Expended	UPWP Page
TPB MANAGEMENT AND SUPPORT	$1,628,295	$75,011	21%	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 **OCTOBER 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 **OCTOBER 2024 FY 2025** include Telephone / Web Ex / Microsoft Teams Communications:

- Pre-meeting regarding Build America Bureau Meeting
- Commuter Connections 50th Anniversary
- Build America Bureau / WMATA & COG meeting
- COG Board – Walk Through
- Monthly DMV Moves COG/METRO Weekly Check-ins
- Review RAC Updates with cog DCPS Staff
- APA – NCAC Event / Washington Hilton
- Prince George's County Call @ Viz 2050
- MDOT/TPB Discussion on GHG and VMT in Planning
- Region Forward Coalition Meeting
- TPB Regional Roadway Safety Summit

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	$34,072	6%	79
District of Columbia	$296,890	$2	0%	79
Maryland	$537,832	$3,262	9%	81
Virginia	$446,894	$6,192	5%	83
Regional Transit	$405,331	$24,617	6%	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

The travel monitoring consultant finalized the fall 2024 active transportation data collection.

Staff performed QA/QC on the data from the eight eco counters along I-66 owned by VDOT for the period of 9/16/2024-10/16/2024 and reported the findings to VDOT staff.

Staff performed field work on all eight Eco counters along the I-66 Parallel Trail, replacing the sensor batteries, inspecting the counters, and validating the counts of each counter. Staff shared the findings with VDOT and EcoCounter staff.

Staff began the 2024 Spring VDOT Active Transportation data analysis.

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 consultant completed the 30% design package per the latest revisions and discussions. This includes a 30% cost estimate, utility source memorandum, and a corresponding utility impact matrix.
- DC, 9th Street NW Sidewalk 30% Design – Consultant developed responses to comments on the 15% draft designs.
- Fairfax County, Prosperity Avenue Road Diet and Protected Bike Lanes 30% Design –The consultant resubmitted updated materials based on the County's feedback in mid-October and they are waiting for comments from VDOT to finalize the plans. Those comments are expected in late November with plans to finalize the project by the end of December.

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 completed the final report on General Findings from the 2023 Regional Air Passenger Survey (APS) based on comments from the Aviation Technical Subcommittee.
- Staff delivered a briefing on the 2023 APS General Findings Report to the TPB Community Advisory Committee on October 10.
- Staff continued to conduct analysis for the APS geographic findings.

Air Cargo Element Update

- Staff continued to conduct research and continued drafting the report for the Air Cargo Element Update.
- Staff delivered a briefing on the Air Cargo Element Update to the Maryland State Freight Subcommittee on October 23.

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)

Specific Projects/products:

#	Project / Product	Consultant?	ECD
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	Nov. 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

#	Project / Product	Consultant?	ECD
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	TPB Annual Report	?	December 2024
24	Transit Access Focus Areas - update	No	Winter 2024/2025
25	TLC projects (9 individual products)	Yes	June 2025
26	Transit Within Reach (TWR) projects (3 individual products)	Yes	Dec 2024
27	Regional Roadway Safety Program (6 individual products)	Yes	June 2025
28	TPB Transportation Safety Summit/Forum	Yes	Fall 2024
29	Systems Performance, Operations, and Technology Planning Member Agency Operations Technology Inventory	Yes	Fall 2024
30	Maintain the Regional ITS Architecture	Maybe	June 2025
31	Conduct bicycle/pedestrian planning or design training, outreach, or professional development opportunities for member agency staff	No	June 2025
32	Decoding of 2023 vehicle registration/Vehicle Identification Number (VIN) data	Yes (for software); No (for use of decoder)	Sep. 2024
33	Documentation of transportation networks used for travel model for the air quality conformity analysis of Visualize 2050	No	Spring 2025
34	CAC Recruitment – new cohort 2025-2026	No	January 2025

	DC, MD and VA FTA, FHWA and LOCAL BUDGET TOTAL	FUNDS EXPENDED	BILLED THIS MONTH	% FUNDS EXPENDED
1. Long-Range Transportation Planning				
Long - Range Transportation Planning	1,776,609.06	393,036.19	106,402.15	22%
Subtotal	**1,776,609.06**	**393,036.19**	**106,402.15**	**22%**
2. Transportation Improvement Program				
Transportation Improvement Program	361,722.91	63,508.55	11,042.65	18%
TIP Database Support	250,000.00	80,049.64	20,012.41	32%
Subtotal	**611,722.91**	**143,558.19**	**31,055.06**	**23%**
3. Planning Elements				
Congestion Management Process	832,307.18	95,171.09	17,949.12	11%
Systems Performance, Ops & Tech Planning	418,739.11	111,699.97	18,036.78	27%
Transportation Emergency Preparedness Planning	146,521.95	28,310.95	1,705.17	19%
Transportation Safety Planning	496,836.42	95,081.83	35,123.76	19%
Bicycle & Pedestrian Planning	344,934.93	54,181.88	11,969.54	16%
Regional Public Transportation Planning	598,410.59	509,145.59	74,177.31	85%
Freight Planning	404,493.61	58,033.09	13,173.96	14%
Metropolitan Area Transportation Operation Coord Program Planning	176,906.28	26,213.06	4,332.5	15%
Performance-Based Planning & Programming	219,857.22	41,076.74	7,376.18	19%
Resilience Planning	0.00	9,806.06	0	0%
Subtotal	**3,639,007.29**	**1,028,720.26**	**183,844.32**	**28%**
4. Public Participation				
Public Participation	867,522.59	223,101.26	45,850.88	26%
Subtotal	**867,522.59**	**223,101.26**	**45,850.88**	**26%**
5. Travel Forecasting				
Software Support	0.00	259.19	0	0%
Model Development	1,239,847.78	239,296.57	32,343.54	19%
Network Development	2,300,391.38	410,601.99	58,287.58	18%
Subtotal	**3,540,239.16**	**650,157.75**	**90,631.12**	**18%**
6. Mobile Emissions Planning				
Air Quality Conformity	1,304,875.61	327,373.17	58,818.99	25%
Mobile Emissions Analysis	1,983,006.97	379,832.52	76,485.6	19%
Subtotal	**3,287,882.58**	**707,205.69**	**135,304.59**	**22%**
7. Travel Monitoring and Data Programs				
Research & Analysis	4,307,763.37	388,198.19	173,866.83	9%
Data Visualization & Management	995,946.55	243,902.69	31,394.97	24%
Subtotal	**5,303,709.92**	**632,100.88**	**205,261.8**	**12%**
8. Planning Scenarios and Socioeconomic Forecasting				
Socioeconomic Forecasting	1,144,171.97	187,727.97	39,070.99	16%
Subtotal	**1,144,171.97**	**187,727.97**	**39,070.99**	**16%**
9. Complete Street Mobility and Enhancement Programs				
Transportation and Land Use Connections Program	839,100.70	72,325.25	17,800.47	9%
Enhanced Mobility Grant Program	95,618.13	8,668.45	2,134.26	9%
Transportation Alternatives Set-Aside Programs	37,030.30	11,134.69	3,972.56	30%
Regional Roadway Safety Program	218,574.01	8,122.7	1,395.3	4%
Subtotal	**1,190,323.14**	**100,251.09**	**25,302.59**	**8%**
10. TPB Support and Management				
TPB Support and Management	1,628,295.97	336,677.12	75,011.46	21%
UPWP	0.00	99.95	0	0%
Subtotal	**1,628,295.97**	**336,777.07**	**75,011.46**	**21%**
Core Program	**22,989,484.59**	**4,402,636.35**	**937,734.96**	**19%**
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	3,262.8	9%
C. Virginia Technical Assistance				
Program Development & Misc.	446,894.41	22,461.25	6,192.63	5%
D. Public Transit Technical Assistance				
Program Development & Misc.	405,331.64	24,617.04	24,617.04	6%
Technical Assistance	**1,686,949.66**	**94,610.09**	**34,072.47**	**6%**
TPB Grand Total	**24,676,434.25**	**4,497,246.44**	**971,807.43**	**18%**

	TOTAL AUTHORIZED BUDGET	TOTAL EXPEDITURES	FTA/STA/LOCAL AUTORIZED BUDGET	FTA EXPENDITURES	PL FUNDS/LOCAL AUTORIZED BUDGET	FHWA EXPENDITURES
A. District of Columbia Technical Assistance						
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
Subtotal	**296,890.77**	**2.87**	**8,242.64**	**0.08**	**288,648.13**	**2.79**
B. Maryland Technical Assistance						
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	3,262.80	8,328.96	90.59	291,671.04	3,172.21
Subtotal	**537,832.84**	**47,528.93**	**14,931.97**	**1,319.56**	**522,900.87**	**46,209.37**
C. Virginia Technical Assistance						
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	22,461.25	6,560.46	623.60	229,740.19	21,837.65
VA Other Tasks	0.00	0.00	0.00	0.00	0.00	0.00
Subtotal	**446,894.41**	**22,461.25**	**12,407.22**	**623.60**	**434,487.19**	**21,837.65**
D. Public Transportation Technical Assistance						
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	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**	**94,610.09**	**440,913.47**	**26,560.27**	**1,246,036.19**	**68,049.82**