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FY 2025



National Capital Region
Transportation Planning Board

Work Program Progress Report
MAY 2025

FY 2025

METROPOLITAN WASHINGTON COUNCIL OF GOVERNMENTS

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TPB Work Program Progress Report
MAY 2025 FY 2025

The TPB approved its FY 2025 Unified Planning Work Program (UPWP) in March 2024 and amended it in March 2025. This TPB Work Program Progress Report summarizes each activity for May. 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	\$1,676,609	\$179,116	80%	43

1. LONG-RANGE TRANSPORTATION PLANNING

1.1 – Visualize 2045 Implementation

TPB subject matter experts completed their review of the implementation of Visualize 2045 priority strategies as identified from agency submissions for Visualize 2050. Staff continued to draft Visualize 2050 plan content reflecting the implementation of Visualize 2045's strategies.

1.2 – Environmental Justice and Equity

No activities.

1.3 – Future Plan Development

Staff presented to the STWG and the Technical Committee on the remaining zero-based budgeting activities due May 9. Staff then continued reviewing records and clarifying data with agencies. Staff subject matter experts completed reviewing the project inputs for the three states. Staff began using the SME reviews to draft content about planned projects and programs in the draft plan.

Staff began drafting the PowerPoint and memo for the July TPB and Technical Committee presentation on current plan development status, the air quality conformity analysis results of the two options, select measures from the future system performance analysis, and remaining steps in the process until plan approval. Staff participated in several agency coordination meetings around the I-495 Southside Express Lanes project and listened to the DMVMoves Task Force meeting. Staff continued participating in TPB subcommittee meetings to brief members on the status of the plan development and where their topic of interest is informing Visualize 2050.

Staff held the monthly 2050 team meeting, weekly meetings for plan coordination and PIT items. Staff continued drafting sections of the plan and parts of the Visualize 2050 process documentation. Staff continued work on the financial analysis for Visualize 2050, reviewing the costs for non-regionally significant projects. Staff coordinated plan development work with the TIP development including the timing of TPB's TIP and VA's upcoming STIP development.

1.4 – Federal Compliance

Staff participated in research being conducted by a consultant on housing and transportation coordination in response to recent federal initiatives. Transportation and COG – community development / housing staff collaborated to provide responses to the consultant conducting the research to describe how transportation and housing has been coordinated in the National Capital Region.

1.5 – Policy Board-Directed Activities

Staff maintained a calendar of key activities and met internally to ensure progress on plan development and updated the schedule for 2025. Staff continued work on the conformity analysis as directed by the Board as well as the remaining steps of the zero-based budgeting exercise. Staff began preparing the PowerPoint and memo to communicate the results of the two sets of conformity analysis to the TPB in July. Staff continued coordinating with VDOT to provide an update to the Board on the Southside Express Lanes project to assist them with their decision-making on this project later in the year.

1.6 – Resiliency Planning

Staff continued to make progress on two consultant projects, the Regional Interior Flooding Analysis and the Economic Impact Case Study/Analysis, which will continue to enhance our understanding of resilience challenges on the transportation system of the region. For the interior flooding analysis, staff worked with the consultant on finalizing the slide decks and draft addendum report, working towards wrapping up the project by the end of June. Work on the economic impact case study project continued with various levels of analysis completed by the consultant on the initial asset selected, the bus stop, which has been finalized. Analysis on rail stop case study continued with review of data and initial analysis and narrowed down asset selection for bridge, road segment and rail segment for economic analysis study. Staff prepared for and held the Q3 subcommittee meeting of the Regional Transportation Resilience Subcommittee (RTRS) on May 30, convening transportation and resilience planners from around the region to hear presentations – first an update for stakeholders on the two TPB led projects previously mentioned, an overview of FloodMapp’s work with the City of Norfolk in Hampton Roads, and an extensive discussion on GIS wants for the upcoming fiscal year at TPB.

During the middle of the month, TPB’s transportation resilience planner spent the better part of a week at a small workshop in Portsmouth, New Hampshire put on by ICNET, run out of the University of New Hampshire. TPB staff was on a panel for the workshop discussing the risk and vulnerability assessment completed in 2024, and coordinated with many other professionals working in the same space in other states, cities, or agencies as well as folks in the private sector. TPB staff also made significant progress on the RITIS GIS project visualizing all RITIS-reported flood events on roadways from 2009-2024 and whether they are located in a FEMA floodplain or not. Staff also prepared to present on inland flooding work to Technical Committee and the Board in June.

Task 2	BUDGET	Billed this month	% Funds Expended	UPWP Page
TRANSPORTATION IMPROVEMENT PROGRAM	\$611,722	\$46,790	61%	47

2. TRANSPORTATION IMPROVEMENT PROGRAM

2.1– Transportation Improvement Program (TIP)

At its meeting on Friday, May 2 the TPB Steering Committee adopted two resolutions that approved amendments to the FY 2023-2026 TIP that meet or are exempt from the air quality conformity requirement, as requested by the Virginia Department of Transportation (VDOT) and the Virginia Department of Rail & Public Transportation (VDRPT).

With TPB Resolution SR40-2025, VDOT amended the TIP to include a new record which programs approximately \$43 million in state and local funding for planning and engineering (PE) for the VA 620 Braddock Road Widening project (T13709) between the eastern entrance of Paul VI High School and the Loudoun County Parkway.

The second resolution adopted by the Steering Committee, SR41-2025, amended the TIP to include additional FTA, state and local matching funds for construction of the Alexandria Station Improvements project, at the request of VDRPT.

Task 3	BUDGET	Billed this month	% Funds Expended	UPWP Page
PLANNING ELEMENTS	\$3,539,007	\$95,519	61%	49

3. PLANNING ELEMENTS

3.1. Performance-Based Planning

Staff prepared a summary of the latest highway system performance and highway asset data on performance to be presented at the June TPB Technical Committee meeting. PBPP content was also reviewed in support of Visualize 2050 and the FY 2026-2029 TIP drafting.

3.2 Congestion Management Process

Staff reviewed a study of DVRPC's Peer Metropolitan Planning Organization's Congestion Management Processes for an examination of best practices on how MPOs throughout the country perform elements related to the CMP.

Staff developed a list of strategies, across program-overlap, technical report structure, data updating frequency, and report hosting, that could be utilized for the enhanced Congestion Management Process, for a meeting between Ian, Tim, Lamin Williams, Richard Duran, and Dan Koenig.

Staff identified performance and other measures to identify and assess congestion as well as prioritizing congested locations, that were found from other MPO's CMPs that could serve as potential enhancements to the TPB's CMP.

Staff gave a presentation to the TPB Community Advisory Committee on May 15, 2025, on TPB's Congestion Management Process, highlighting how the CMP is used to inform development of the region's long-range transportation plans and proposed program enhancements that are being considered for the CMP in the future.

Staff prepared and submitted a written summary of CMP Program Improvement Areas on May 12 to support strategic discussions on program advancement.

Staff developed and submitted a recommendation memo on May 12 outlining enhanced approaches for data visualization within the CMP program.

Staff reviewed and refined the Q1 2025 National Capital Region Congestion Report (NCRCR) and submitted a revised draft on May 12 for internal staff review.

Staff submitted a subject matter expert review on May 19 addressing policy questions and strategies for CMP-aligned projects in Maryland and Virginia, informing future implementation.

Staff participated in the ITS Virginia Annual Meeting on May 20–21, submitted a memo on May 22 summarizing key takeaways, and highlighted VDOT's and DDOT's interest in TPB's potential facilitation of a regional robotaxi forum.

Staff revised and submitted updated language of the draft Visualize 2050 plan document to ensure content accuracy and alignment with CMP goals.

Staff prepared and submitted CMP-perspective input for the Big Data Product review, including feedback on LOCUS trail data (May 14) and recommendations on RITIS (May 27), supporting data-driven decision-making.

Staff coordinated planning and logistics for the upcoming June 26 VPDUG meeting to facilitate stakeholder engagement and agenda development.

Data Requests

Staff responded to a data request for traffic volumes from VDOT.

Meetings & Conferences

Staff organized and attended meetings with DTP Subject Matter Experts (SMEs) including Eric Randall and Andrew Meese to discuss potential opportunities to enhance the Congestion Management Process's Technical Report.

Staff showcased a list of CMP technical report enhancements with federal partners and received support for the presented enhancements.

Staff attended monthly TPB and TPB Technical Committee Meetings.

Staff attended TPB Freight Subcommittee Meeting.

3.3 Systems Performance, Operations, and Technology Planning

Staff worked on assigned sections for the Visualize 2050 long-range plan.

Staff reviewed work priorities for the upcoming fiscal year, including options for reorganizing the focus of the SPOT subcommittee.

Staff attended the Vendor Showcase at the Traffic Systems & Technology 25th Anniversary event in Manassas, Virginia; the BMC Traffic Signal Subcommittee meeting; the Maryland CAV Working Group meeting; and the Maryland CHART Board meeting.

3.4 Transportation Emergency Preparedness Planning

Staff attended the monthly COG RESF-1 Committee Meeting on May 14.

3.5 Transportation Safety Planning

Meetings were held with the consultant team to advance the Regional Safety Study update. Staff provided mode split data and guidance for the final report. The consultant continued to advance project deliverables. Discussions were also held about the formatting and delivery of raw data for COG's use after project completion.

In addition, staff received and began reviewing a consultant's proposal to conduct a benchmarking and inventory study of jurisdictional safety activities in relation to the TPB's 2020 Safety Resolution. This study was recommended during the 2024 Regional Roadway Safety Summit.

Staff continued work to develop content for Visualize 2050, including advising on freight-related content for mode-specific chapters and reviewing proposed projects to be included in the plan.

Planning and outreach were conducted in anticipation of the June 10 Transportation Safety Subcommittee meeting. Staff met with the Subcommittee Chair on May 6 and 20 to discuss engagement activities for the upcoming year as well as meeting format and topics.

Staff attended the 2025 DC Highway Safety Summit on May 22.

3.6. Bicycle and Pedestrian Planning

Staff organized and held May 20 Bicycle and Pedestrian Subcommittee Meeting. Staff briefed the TPB on Bicycle and Pedestrian Planning activities for FY 2026 at the May 21 meeting and developed Bicycle and Pedestrian planning slides for the May 28 CEEPC meeting.

Staff reviewed consultant proposals for FY 2026.

Staff attended the DC highway safety summit on May 22 and the NACTO conference on May 28-30.

3.7 Regional Public Transportation Planning

The Regional Public Transportation Subcommittee (RPTS) did not meet in May. Staff worked on organizing the agenda for the June meeting.

Staff supported the DMVMoves transit initiative, developing strategic materials for team consideration and for presentations at advisory group and task force meetings. Other work included engaging with regional transit agencies and on-call planning consultants for the development of a local transit financial analysis. Staff also updated the TPB Community Advisory Committee about DMVMoves, particularly what finance-related discussions had occurred at partner meetings and potential outcomes arising from them.

Staff continued work on the 2023 State of Public Transportation Report and prepared an RPTS member questionnaire to collect data and content for the 2024 edition of the report.

TPB hosted and staff attended the National Capital Region Bus Leaders Committee in May. Staff also attended the monthly WMATA JCC and NVTC MAC meetings.

3.8. Freight Planning

The Freight Subcommittee held its bi-monthly meeting on May 8. Members received briefings from the Baltimore Metropolitan Council on the impacts of the Key Bridge collapse, the University of Maryland CATT Lab on the traffic impacts of the Key Bridge collapse, the District Department of Transportation on the National Bridge Inventory, and TPB staff on the status of Visualize 2050, as well as the results of the 2025 annual member survey.

Staff continued work to develop content for Visualize 2050, including advising on freight-related material for mode-specific chapters and reviewing proposed projects to be included in the plan from a freight perspective.

In addition, staff began planning for a Request for Proposal to update the National Capital Region Freight Plan.

3.9 Metropolitan Area Transportation Operations Coordination Program Planning

The regularly scheduled MATOC Steering Committee was held on May 16. Topics discussed included communications, coordination, Traffic Incident Management topics, and the draft FY 2026 work program was discussed.

Staff held a COG-UMD Contract Amendment Work Session on MATOC's funding.

Task 4	BUDGET	Billed this month	% Funds Expended	UPWP Page
PUBLIC PARTICIPATION	\$767,522	\$73,676	80%	53

4. PUBLIC PARTICIPATION

4.1 Public Participation and Outreach

Between noon Monday, April 14, and noon Tuesday, May 20, 2025, the TPB received five letters, one comment in the general comment box, and 259 comments submitted via email. The comments were focused on the I-495 Southside Express Lanes Project.

The May meeting of the TPB Community Advisory Committee (CAC) was held in-person and virtually on May 15. The meeting featured a DMVMoves update, a briefing on transportation conformity and TPB's congestion management process, and the "act locally" round robin.

Member selection for the Access for All (AFA) Advisory Committee was conveyed in the May TPB meeting director's report. The reconfigured committee includes 20 member organizations and 13 ex-officio members. The first meeting is scheduled for June 23.

4.2 Communications

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

Spring 2025 TPB Highlights: May 1, 2025

TPB awards funding for 9 DMV-area projects promoting walking, biking, and roadway safety
May 21, 2025

Honoring regional transportation champions: U.S. Representative Gerry Connolly and former Fairfax County Supervisor Catherine Hudgins
May 28, 2025

2025 Enhanced Mobility Grantee Forum attendees share best practices, project accomplishments
May 29, 2025

Staff updated the following pages on the COG website: Transit Within Reach Program, Transportation Land-Use Connections Program, Regional Roadway Safety Program

Staff posted or shared the following through TPB's social media channels:

Metro Better Bus partners (May 1); Clean Air Partners bike to work (May 7); Bike to Work Day (multiple posts and shares on May 8, 12, 15); DMVMoves task force meeting (May 19); TPB Meeting (May 20); Transportation Land-Use Connections and Regional Roadway Safety Program projects (May 21); Statement on passing of U.S. Representative Gerry Connolly (May 21); VDOT Southside Express Lanes meetings (May 22)

Staff completed the following in support of Task 1 Long-Range Transportation Planning: TPB staff conducted regular updates on the Visualize 2050 website, continued coordination with the Visualize 2050 contractor that is preparing layout of the plan document. Staff reviewed and edited Visualize 2050 plan chapters. Staff identified and organized photographs and data graphics for the Visualize 2050 design consultant. Staff completed FY 2026 contract amendments for two Visualize 2050 vendors (plan design and website).

Task 5	BUDGET	Billed this month	% Funds Expended	UPWP Page
TRAVEL FORECASTING	\$3,540,239	\$274,357	56%	59

5. TRAVEL FORECASTING

5.1 Network Development

Staff continued to develop transportation networks for the analysis years of 2017, 2022, 2032 and 2038 for the ongoing development of on-road, mobile-source emissions inventories for the 2015 ozone National Ambient Air Quality Standards (NAAQS) Maintenance Plan. Specifically, staff completed network coding and quality assurance for 2038 (the horizon year).

Staff recommended retaining consultant assistance for migrating COGTools from ArcGIS 10.x to ArcGIS Pro. Staff developed a memorandum, dated May 19, that provides a statement of work. The memo was reviewed/discussed internally and then shared with COG contract and purchasing staff to facilitate the development of a Request for Proposals (RFP).

Staff streamlined and fully automated the GTFS data processing function in Microsoft Access. Staff integrated this function into COGTools and extended this function to extract transit route shape files. Following a demonstration of this new function in COGTools, staff released a new version of the tool for internal testing.

Staff continued to work on a highway and transit network report for both the Gen2 and Gen3 Travel Demand Model. In May, staff conducted reviews of the draft report and addressed the comments. Staff are working to prepare a new version of the draft report. This report will be included in the Gen3 Model transmittal package when the model is released for production use.

5.2 Model Development and Support

The TPB Travel Forecasting Subcommittee (TFS) generally meets in odd-numbered months. Staff attended and presented at the May 16 TFS meeting. The main topics covered in this meeting were

- COG/TPB Gen3 Travel Model: Status Report from COG/TPB Staff
- COG/TPB Gen3 Travel Model: Status Report from RSG Staff
- TPB Travel Monitoring Program
- TPB Resources Applications Page (TRAP)

Staff also drafted the meeting highlights.

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.

Generation 3 Travel Model

Staff continued to work on the Phase 3 development of the Gen3 Travel Model, a simplified tour-based/activity-based travel model (ABM) implemented in both ActivitySim software and Bentley Systems OpenPaths Cube software. The goal of Phase 3 is to ensure that the new model works correctly prior to its introduction to production use. Phase 3 also involves updating related modeling procedures that will be needed to use the model for production work (e.g., toll setting). COG/TPB

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

- COG, RSG and BMG staff had a regular check-in meeting on May 28.
- Staff continued to make updates, including new features, feature enhancements and bugfixes, to the Gen3 Model as needed.
 - COG staff found a model issue related to transit subsidy availability. After RSG staff fixed it and recalibrated the mode choice models, COG staff conducted a test run and updated model validation summaries.
 - Per request from COG staff, RSG staff conducted additional calibration of mode choice models to improve the transit validation performance.
 - After evaluating the updated model in another test run, COG staff tagged the new model as Gen3/Version 1.0.4, which includes all the recent model updates made by RSG and COG staff.
 - Using a beta model version of the Gen3/Version 1.0.4 Model, staff conducted tests to improve the toll setting process in the Gen3 Model. Based on the testing results, staff recommended keeping the current toll setting process and created a memo, dated May 15, to document this investigation.
 - COG staff reran the hypothetical scenario with increased transit subsidy availability using the Gen3/Ver. 1.0.4 Model, which confirmed that, with the model fix related to transit subsidy, the model response became more reasonable.
 - COG staff conducted tests to examine the effects of the randomness of PopulationSim outputs on regional modeling results. Staff generated two additional sets of synthetic population data using the MWCOG Population Synthesizer. Staff then conducted two model runs with the alternative synthetic population data and compared model outputs to those from the baseline scenario at the regional, jurisdictional, and sub-demographic levels.
 - Staff updated the flowcharts to be in sync with the Gen3/Ver. 1.0.4 Model.
 - Staff fully automated and enhanced the calibration of the telecommute frequency choice model in a Python-based program.
 - Staff updated the subpopulation analysis program to read skims from the Cube .skm files rather than the .omx files, which are usually removed after the model run to save storage space.
 - Staff integrated standard model summaries in the Gen3 Model. Staff validated the results against standalone summary program outputs before pushing changes to GitHub.
 - Staff implemented a fast-fail feature for the toll setting process and removed the TranSum step from the Gen3 Model.
 - Staff created a new conda environment for future testing of the latest ActivitySim software (ver. 1.3.4), adding packages frequently used for post-processing. Staff also updated the Gen3 Model configurations to use explicit chunking in ActivitySim ver. 1.3.4. Chunking is a process of dividing computing steps into smaller, more manageable pieces.
 - RSG and BMG staff started updating the model documentation based on the latest model results.

- Staff continued to work on the Gen3 Model usability testing:
 - COG staff re-ran the increased telecommute frequency sensitivity test using both the Gen3/Ver. 1.0.4 Model and Gen2 Model. Staff confirmed that, with the updated telecommute coefficients in the Daily Activity Pattern (DAP) model, the model response became more reasonable. Staff also updated the model summaries that compare the effects of increased telecommute frequencies in the Gen2 and Gen3 models. Staff are in the process of documenting this study.
 - Staff reran the 2025 and 2050 scenarios for usability testing using the Gen3/Ver. 1.0.4 Model. Staff updated the 2025 and 2050 model summaries, which are currently under review.
 - Staff conducted a preliminary Visualize 2050 performance analysis using the Gen3 Model and developed utilities to support this analysis. Staff plan to rerun the 2025 and 2050 models, and the performance analysis, using the Ver. 1.0.4 Model. This task is currently on hold.

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 May, there were no requests for data related to the travel model or its land use/network inputs.

In support of the upcoming 2025/2026 Regional Travel Survey (RTS), two staff members tested several candidate smartphone apps for the survey and provided feedback. Staff completed the testing in May.

Staff compiled 2023 observed daily vehicles miles of travel (VMT) data based on Highway Performance Monitoring System (HPMS) reports collected from state DOT websites and from internal staff. Staff prepared a technical memorandum documenting year-2023 observed daily VMT data by Federal Functional Classification (FFC). This memo was shared with internal staff.

Staff attended ActivitySim Consortium meetings regularly on Tuesdays and Thursdays. Staff attended the ActivitySim partners-only check-in meeting on May 15.

Staff continued to conduct daily modeling work on AWS cloud servers and work with COG's IT office to resolve issues encountered on the AWS servers. In May, staff requested IT to increase the storage capacity on Z:\ Drive and V:\ Drive from 8 TB to 10 TB and expand the C drive of all cloud servers to 120 GB.

Staff registered for the Modeling Mobility (MOMO) Conference in Minneapolis (September 14–17, 2025).

Task 6	BUDGET	Billed this month	% Funds Expended	UPWP Page
MOBILE EMISSIONS PLANNING	\$3,287,883	\$283,098	6%	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 (LRTP), Visualize 2050, including the air quality conformity analysis and performance analysis of the plan. In response to a senior management request, staff reviewed the list of projects in Maryland to assess the project sponsors' responses to specific questions pertaining to each project.

Following the completion of MOVES mobile emissions modeling runs for all analysis years, COG's Department of Environmental Programs (DEP) staff finalized the review of on-road mobile emissions estimates for all Visualize 2050 conformity analysis years (2025, 2026, 2030, 2040, 2045, and 2050).

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

Upon conclusion of modeling activities, staff continued to prepare documentation for the air quality conformity report and for the plan document. Staff also continued to conduct the performance analysis of the plan.

Staff completed a presentation on transportation conformity and shared it with the Community Advisory Committee (item #4). Staff provided a response to follow-up questions from members after the meeting.

6.2 Mobile Emissions Analysis, Including Emissions Reduction Activities

COG's Department of Environmental Programs (DEP) and TPB staff coordinated on a schedule for the upcoming development of a Maintenance Plan (MP) related to the Redesignation Request (RR) associated with the 2015 ozone National Ambient Air Quality Standards (NAAQS). DEP and TPB staff continued to coordinate with state air agencies regarding the use of the MOVES5 mobile emissions model to develop on-road, mobile-source emission inventories for the plan. DEP staff briefed the Metropolitan Washington Air Quality Committee – Technical Advisory Committee (MWAQC-TAC) on the most recent developments (item #3). Inventory years include 2017 (base year), 2022 (attainment year), 2032 (interim year), and 2038 (out year). The emissions inventories will also include the setting up of new Motor Vehicle Emissions Budgets (MVEBs) for the region. In support of this effort, TPB staff conducted travel demand modeling for the 2032 intermediate year. Staff shared a memorandum regarding the recently announced EPA's Clean Data Determination (CDD), which confirmed that the region has met the 2015 ozone NAAQS. Staff shared this update at the May TPB meeting, as part of the Director's Report item (Clean Data Determination was published in the Federal Register on April 4, 2025). Staff also shared the memorandum and a presentation and briefed the TPB Technical Committee on the Clean Data Determination and its implications on air quality planning in the region (item #7). COG staff briefed MWAQC-TAC on these developments (item #4).

TPB staff continued to work with DEP staff, member jurisdictions, and state air agencies to facilitate various aspects of air quality and emissions reduction 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. Namely, TPB staff reviewed and evaluated applications for MDOT CRP funding and participated in related meetings, including the coordination call to select projects to recommend for funding.

In support of emissions reduction activities conducted as described in the federal grants received by the region, and in support of the Comprehensive Climate Action Plan (CCAP), TPB staff reviewed a co-pollutant analysis prepared by the COG consultant and provided feedback to DEP staff and the consultant.

In support of the periodic emissions inventory tracking conducted by DEP staff, TPB staff continued to conduct travel demand and MOVES model sensitivity runs for multiple analysis years and evaluate the best approach for moving forward.

In support of the vehicle electrification planning activities in the region, staff attended a Regional Electric Vehicle Deployment working group meeting.

Staff continued to follow developments related to the most recent version of the MOVES model (MOVES5), which was released by the EPA in December 2024. Staff continued to conduct MOVES5 model tests and document the findings.

Task 7	BUDGET	Billed this month	% Funds Expended	UPWP Page
TRAVEL MONITORING AND DATA PROGRAMS	\$3,803,709	\$203,388	48%	67

7. TRAVEL MONITORING AND DATA PROGRAMS

7.1 Transportation Research and Analysis

Staff finalized the scope of work for the 2025/2026 Regional Travel Survey, which was incorporated into the RFP. The RFP was released on May 23.

Staff responded to questions from potential contractors in response to the Regional Travel Survey RFP.

Staff concluded its internal testing of survey smartphone apps in preparation for the upcoming Regional Travel Survey and compiled feedback from survey app testers.

Staff had a monthly check-in meeting with Replica to follow up on updates and questions.

Staff evaluated the LOCUS data product, a big data vendor and a subsidiary of Cambridge Systematics.

Staff held a big data user group meeting and solicited feedback for the evaluation from Big Data users.

Staff started drafting the technical memo for the Big Data evaluation.

Staff finalized a big data work plan for 2025; the work plan discusses the proposed workflow for the big data evaluation process including the data products that will be evaluated and the analyses that will be performed.

Staff conducted an internal demonstration of the interactive weekly OD trip dashboard using R-Shiny and discussed further potential improvements.

Staff participated in the Mid-Atlantic StatNet (MASN) annual conference held in Fairfax County on May 16, 2025. Staff participated in a panel discussion.

Staff developed and provided a presentation on post-COVID travel trends based on numerous socioeconomic variables and occupation-based characteristics internally to members of DTP.

Staff performed data collection, analytics, and developed visualizations concerning occupations' wage data, across specific percentiles and with wages specific to the DC metro area, that can then correlate with higher rates of SOV ridership; this was performed across major and minor industry groups, as well as the specific occupations.

Staff utilized LEHD program elements data to showcase worker and resident dispersion and concentration, to investigate how a jobs/housing imbalance impact regional travel trends, and compare against other metropolitan areas such as Atlanta, Philadelphia and Chicago for similarities and differences.

Staff generated heat maps to showcase the geographic dispersion and concentrations of where workers of the TPB region live, and where residents of the TPB region work.

Staff held an internal meeting to discuss the future of the Systems Performance, Operations and Technology Subcommittee, specifically how its functions and core activities will be consolidated into the forthcoming Travel Monitoring Subcommittee (name TBD).

Staff gave an update to the enhanced Travel Monitoring Program to members of the Travel Forecasting Subcommittee and fielded questions from subcommittee members.

Staff created the slide deck for the enhanced Travel Monitoring Program to be shared with the TPB Technical Committee for their June 2025 meeting.

Staff scheduled meetings with Subject Matter Experts (SMEs) that are internal to DTP though external to the Planning Data and Research Team, to discuss metrics relevant to their area of expertise and ask for their review and data sources utilized by their own programs, for the Travel Monitoring Program.

Staff developed regional, state, and jurisdiction-level pavement and bridge condition summaries for use in PBPP and the Regional Transportation Data Clearinghouse (RTDC).

Staff finalized the pavement condition feature class file based on the 2023 HPMS dataset.

Staff completed and transmitted the 2023 Model Region HPMS GIS file for the GIS team.

Staff finalized the 2024 NBI bridge condition feature class file and transmitted it to the GIS team.

Staff reviewed the updated VMT from VDOT and finalized the 2023 regional VMT summary table.

Staff executed the fourth amendment to the travel monitoring contract (21-079).

Data Requests

Staff responded to a data request from WMATA by tabulating the Regional Travel Survey (RTS) data for estimated trips made by different age groups.

Staff responded to a data request for traffic volumes from VDOT.

Meetings & Conferences

Staff provided an update to the State Technical Working Group on the Travel Monitoring Program.

Staff participated in a Leadership Check-In meeting with StreetLight.

Staff met internally to identify low-hanging fruit metrics found in the Travel Monitoring Program, as well as to identify the correct Subject Matter Experts (SMEs) internal to DTP, but external to DTP's Planning Data and Research Team.

Staff met internally to discuss regional public transportation-based metrics and project investment metrics that will be incorporated into the Travel Monitoring Program and ask for feedback, and to source the data for metrics.

Staff attended the Bimonthly Big Data User Group Meeting.

Staff attended the Planning Directors Technical Advisory Committee.

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

Staff participated in biweekly meetings with the Travel Diary Survey Working Group consisting of MPO officials and experts in travel survey methods.

7.2 Data Management and Visualization Services

Staff finalized the workflow to import data obtained from the RITIS Probe Data Analytics (PDA) suite into TPB/COG's ArcGIS environment to automate the creation of geospatial datasets, specifically bottleneck data. Staff developed a ModelBuilder workflow in ArcGIS Pro and created additional Python scripts and assembled these resources into an ArcGIS Pro geoprocessing tool.

Staff continued work to refine the process for developing a crosswalk table for the COG/TPB Transportation Analysis Zones (TAZ) to the High-Capacity Transit (HCT) dataset. Staff updated existing Python code to make adjustments to the workflow. Staff also replicated the procedure in ArcGIS Pro as a comparison to the current documented procedure. This work is ongoing.

Staff updated the geospatial dataset of HCT station entrances. Staff corrected misidentified locations and verified locations previously assigned.

Staff updated several ArcGIS Enterprise feature layers of Census American Community Survey (ACS) 5-year data by Census Tract, to the most recently available vintage (2019-2023.)

Staff received updated pavement (2023) and bridge (2024) from fellow team staff. Staff began updating the tabular and spatial data that is used in the Highway Asset Performance Measures dashboard.

Staff met with TPB's Director and members of the Active Transportation team to demonstrate the Metrorail dashboard developed.

Staff continued to make updates to the Bike to Work Day (BTWD) dataset, based on information received from Commuter Connections staff.

Staff worked with Commuter Connections staff to review scopes of work to develop dashboard products using data from Commuter Connections' State of the Commute report. Staff provided suggestions and guidance based on subject matter expertise. Staff also outlined technical procedures for collaboration between TPB and consultant staff to develop the geospatial and other data components of the project. This work is ongoing.

Staff met with TPB's resilience planner on May 19 to go over the geospatial data products created from the RITIS Probe Data Analytics data for flood events received from the University of Maryland Center for Advanced Transportation Technology Laboratory (CATT) lab.

Staff began to identify and assemble datasets related to extreme temperature, at the request of TPB's resilience planner.

Staff received the final crosswalk table for the COG 10.0 Regional Activity Centers from Department of Community Planning and Services (DCPS) staff. Staff created geospatial datasets using the crosswalk file and published a new feature layer to ArcGIS Enterprise for use in online content. Further products are under development.

Staff continued to compile and summarize a series of accessibility resources to inform future decisions on implementing and enhancing accessibility for data visualization and mapping products.

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

GIS Committee/GDX Working Group

Staff planned and participated in the May 20th GIS Committee/GDX Working Group virtual meeting. Highlights of the meeting included: Updates on CAD2GIS and GDX happenings, a demonstration on the NOVA Flood Map tool, and the regular status reports on Virginia Next Gen 9-1-1.

Data Requests

Staff responded to a data request from the Plan Development and Coordination team to provide demographic information from American Community Survey (ACS) to incorporate into Visualize 2050. Staff identified and obtained tabular datasets for several demographic variables, performed calculations, and organized the results into a comprehensive spreadsheet.

Staff responded to a request from the Plan Development and Coordination team to provide statistics for use in Visualize 2050 on the number of jobs and population in proximity to the National Capital Trail Network (NCTN) as well as the number of COG Regional Activity Centers (RAC) within proximity

Meetings & Conferences

Staff gave a presentation to the TPB Travel Forecasting Subcommittee meeting held on May 16.

Staff gave a presentation to the Transportation Resilience Subcommittee on May 30. Staff gave a demonstration of the web mapping application created that highlights analysis performed on the flood event data received from the CATT lab.

Staff attended the Big Data User Group meeting held on May 15.

Staff attended the Bicycle and Pedestrian Subcommittee meeting held on May 20.

Staff participated in two meetings, held May 22 and 29, regarding the redesign of the COG website.

Staff attended the Congressional Lane TLC Client Check-in meeting on May

Staff attended the Aviation Technical Subcommittee on May 22.

Staff attended the Esri Lunch & Learn: Avoid Data Duplication with Collaborations on May 22.

Staff participated in the recurring meeting related to Visualize 2050 planning activities, including a meeting on May 23.

Staff attended the COG Chief Information Officers (CIO) Committee meeting on May 28.

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	\$77,900	50%	71

8. REGIONAL LAND USE AND TRANSPORTATION PLANNING COORDINATION

8.1 Regional Land Use and Transportation Coordination

Staff released the April issue of the Regional Economic Monitoring System (REMS) report that covers a number of economic data points for the month of March. Data was also updated and reflected in the new COG Regional Economic Monitoring System (REMS) Dashboard.

Staff presented to the COG Board of Directors on May 14th the final Round 10.0 Regional Activity Centers Map and responded to any questions regarding the map and update process. Following the presentation, the COG Board took action and approved the Round 10.0 Regional Activity Centers Map.

Staff prepared and delivered a presentation on the approved Round 10.0 Regional Activity Centers Map to the TPB at its May 21, 2025 meeting.

Staff started work on the Round 10.0 Regional Activity Centers GIS layer(s) for the Transportation Planning Department.

Staff continued to work on the Round 10.1 Cooperative Forecasts and processing individual jurisdiction's TAZ data for analysis and integration into Round 10.1 TAZ file.

Staff continued the work on the Update Suggested Baseline Employment Estimates memo by adding the military job estimates and Census self-employed factors to memo employment calculations.

Meetings & Conferences

Staff attended a meeting on May 20 to review early results of the HAND HIT 5.0 Housing Survey.

Task 9	BUDGET	Billed this month	% Funds Expended	UPWP Page
COMPLETE STREETS, MOBILITY AND ENHANCEMENT PROGRAMS	\$1,190,323	\$38,022	49%	75

9. COMPLETE STREETS, MOBILITY AND ENHANCEMENT PROGRAMS

9.1 Enhanced Mobility Grant Program

Standard operations continued for 49 open Enhanced Mobility projects. Fifteen requests for reimbursements totaling \$153,122.72 were processed and paid. Preparations began for the 7th round of Enhanced Mobility solicitations and pre-application conferences. Enhanced Mobility staff hosted and facilitated the 2025 Best Practices Forum which included active subrecipients, COG staff, and an FTA representative. COG and the Enhanced Mobility 5310 program were highlighted in NADTC's profile for showcasing best practices and an innovative approach to program implementation.

9.2 Regional Roadway Safety Program

Progress on the six FY 2025 projects advanced as follows:

- **Jefferson Street Engineering, City of Frederick:** The consultant began developing a Vissim model to assess potential impacts of the proposed roundabout, obtained signal timing data for adjacent signalized intersections, and coordinated with the Maryland State Highway Administration about any concerns regarding impacts to US 15.
- **Randolph Road Safety Improvement Project, Montgomery County:** The consultant completed 30 percent design drawings, prepared materials for an upcoming public outreach meeting, and began to develop the final report.
- **Study of Proactive Approaches to Transportation Safety: Exploring near-miss data and innovation technologies, Prince George's County:** The consultant delivered the final study report to Prince George's County staff.
- **Seminary Road Safety Improvements, City of Alexandria:** This project continued to advance as scheduled.
- **S. George Mason Drive and S. Four Mile Run Drive Intersection Alternatives Analysis, Arlington County:** This project continued to advance as scheduled.
- **Wilson Boulevard Safety Improvements, City of Falls Church:** The consultant continued work on an alternatives analysis for Falls Church's Wilson Boulevard corridor. They also reviewed the outline for the final report with the project team and continued the development of a final draft to present for feedback before submission.

9.3 Transportation Alternatives Set-Aside Program

Maryland DOT's application period for the TAP program opened April 1 and closed on April 30, 2025. Upon closing of the application period, TPB staff completed an initial review of the two applications received and coordinated with a panel of reviewers to prepare for application review to be conducted in June. Staff also began preparations for site visits to be conducted in June to review project locations for feasibility and need.

9.4 Transportation Land Use Connections Program

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

- Alexandria, Edsall Road Corridor Improvements – Staff continued to prepare for public outreach and the consultant team continued to work on the final report deliverable.
- College Park, River Road Protected Bike Lanes Project - 30% Design Phase – The consultant met with City staff to review plans and signal timing. Staff comments were incorporated into the project, and the consultant prepared to finalize plans and signal timing. Final plans and signal timing are expected in June.
- DC, Capital Bikeshare Fare Study – City staff, as well as other Capital Bikeshare member jurisdictions, reviewed and provided comments on the fare scenarios shared by the consultant. The consultant incorporated comments and continued work on the final report, which is expected in June.
- DC, Public Space Strategies to Advance Racial Equity – The consultant continued their work to finalize the final report, which included incorporating comments from the COG Communications Office. The final report is expected in June.
- Fairfax County, Wiehle Avenue Safety 30% Design – The consultant incorporated comments into a revision of the Wiehle Avenue Safety 30% Design Report and cycle track drawings. The consultant delivered the report and drawings to the County for their final review. Following incorporation of County comments, the final report and drawings are expected in June.
- Frederick County, Southern East Street Redesign 30% Design – The consultant continued work on the draft report in May and anticipate providing the City with a draft and final report in June.
- Montgomery County, Montgomery County VMT Tool – The consultant shared a revised draft of the project memorandum and the draft VMT tool with the County. The consultant led a meeting with County staff to demonstrate the use of the VMT tool and receive feedback. The consultant identified any remaining edits or comments to incorporate into the memorandum, which is expected to be completed in June.
- Rockville, Congressional Lane Complete Street Feasibility Study – The consultant developed and delivered the draft final report and deliverables to the City of Rockville staff in May. The consultant prepared to incorporate final comments from City staff into a final draft, which is expected to be completed in June.
- Takoma Park, New Ave Bikeway Purple Line Connection Study – The consultant compiled public comments, input from City planning and engineering staff, and findings from field visits into a final report.

The selection panel for the FY 2026 TLC applications met April 11 and 22. The group recommended four projects for funding. Staff presented this recommendation to the Technical Committee on May 2. MDOT indicated their interest in funding an additional project in Maryland and staff coordinated with the selection panel to select the next highest scoring Maryland project. Staff presented this updated recommendation of five projects to the TPB for approval on May 21. Following those approvals, staff began the scoping and procurement process for the new projects.

In May, staff finalized the selected list of master consultants for three of the TPB's local technical assistance programs – TLC, RRSP, and TWR. Following finalization of the selected master consultants, staff began the contracting and procurement process.

Task 10	BUDGET	Billed this month	% Funds Expended	UPWP Page
TPB MANAGEMENT AND SUPPORT	\$1,628,295	\$265,089	68%	77

10. TPB MANAGEMENT AND SUPPORT

Transportation Planning Board Committee Support and Management

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

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

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

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

The Staff Director gave overall program management oversight into all the Department's activities. Work activities the Director was involved in during **MAY 2025 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 **MAY 2025 FY 2025** include Telephone / Web Ex / Microsoft Teams Communications:

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	\$77,908	37%	79
District of Columbia	\$296,890	\$10,750	7%	79
Maryland	\$537,832	\$51,108	53%	81
Virginia	\$446,894	\$16,049	44%	83
Regional Transit	\$405,331	\$0	0%	85

11. TECHNICAL ASSISTANCE

11.A District of Columbia

1. Program Development, Data Requests, and Miscellaneous Services

No activity.

2. Regional Roadway 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 Roadway Safety Program

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

5. Other Tasks to be defined

No activity.

11.C Virginia

1. Program Development, Data Requests, and Miscellaneous Services

No activity.

2. Travel Monitoring and Survey

Staff monitored the progress of the 2025 VDOT Spring Active Transportation counts.

Staff conducted QA/QC of May Eco-Counter data and shared the findings with VDOT.

Staff performed field work with VDOT staff to replace Eco Counter pyro sensors at two locations.

Staff prepared the materials to support the payment of VDOT Eco Counter subscription renewal.

Staff began data analysis for the 2024 VDOT Fall Active Transportation counts.

Staff completed the development of the FY26 I-66 and I-395 Mode Share Study work plan.

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 Roadway Safety Program

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

6. Other Tasks to be Defined

No activity.

11.D Regional Transit

1. Program Development, Data Requests, and Miscellaneous

No activity.

2. Transit Within Reach Program

Work on the three FY 2024-2025 projects was complete at the end of December when task orders for the projects ended. In May staff continued to work with consultants and recipient jurisdictions to ensure all final invoices were submitted, along with final reports.

3. Other Tasks to be Defined

No activity.

CONTINUOUS AIRPORT SYSTEM PLANNING PROGRAM

Program Management

- Staff prepared the documents for the May 22, 2025, Aviation Technical Subcommittee (ATS) including the agenda and meeting highlights from the March 27, 2025 meeting. The meeting was organized as a hybrid meeting (in-person and virtual) and held at COG offices.
- Staff updated the monthly enplanement data for BWI, DCA, and IAD using the latest figures from MWAA and MAA
- Staff coordinated with airport stakeholders (MAA and MWAA) to secure funding for the 2025 Regional Air Passenger Survey. Staff received a funding commitment letter from one of the two airport stakeholders to conduct the 2025 APS.
- Staff informed FAA on the progress of the status of final reimbursement of the AIP Grant 3-11-8840-019-2021 (CASP 36).
- Staff held a meeting with the FAA to meet the new FAA Program Manager for COG.

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

- Staff finalized and transmitted the 2023 Regional Air Passenger Survey (APS) data files to the Aviation Technical Subcommittee.
- Staff finalized the 2023 Regional Air Passenger Survey (APS) Geographic Findings Report and transmitted it to the Aviation Technical Subcommittee (ATS).
- Staff delivered an update on the APS Geographic Findings to the Aviation Technical Subcommittee on May 22. Staff focused on the revisions incorporated into the APS Geographic Findings Report.
- Staff delivered a presentation on potential topics for new projects for the CASP Program to the Aviation Technical Subcommittee on May 22.
- Staff delivered a presentation on enhancing online content for CASP Program products to the Aviation Technical Subcommittee on May 22.

Air Cargo Element Update

- This project is now complete.

2023 Ground Access Forecast and Element Update

- Staff developed and enhanced Python scripts for the Ground Access Forecast Update (GAFU).

- Staff conducted quality assurance checks on tabulations produced by the updated GAFU scripts.
- Staff worked on the draft of the GAFU memo to the Aviation Technical Subcommittee.

2025 Ground Access Travel Time Study Update

- This project has not started.

2025 Baltimore-Washington Regional Air Passenger Survey (APS)

Staff delivered an update on the 2025 Regional Air Passenger Survey focusing on the status and timeline, and an overview of the survey instrument to the Aviation Technical Subcommittee on May 22. Staff solicited input from ATS members on questions to be incorporated into the 2025 survey instrument.

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
MAY 2025 FY 2025

Specific Projects/products:

#	PROJECT/STUDY/DELIVERABLE	Consultant?	Est Compl Date
1	Visualize 2050 plan document	No	Dec 2025
2	Visualize 2050 process document	No	Dec 2025
3	Visualize 2050 website	Yes	Dec 2025
4	Transit Access Focus Areas - update	No	2025/2026
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	2024 Congestion Management Process Technical Report	No	Dec 2024
7	TPB Transportation Safety Summit/Forum	Yes	Fall 2024
8	Systems Performance, Operations, and Technology Planning Member Agency Operations Technology Inventory	Yes	Fall 2024
9	Maintain the Regional ITS Architecture	Maybe	June 2025
10	Conduct bicycle/pedestrian planning or design training, outreach, or professional development opportunities for member agency staff	No	June 2025
11	State of Public Transportation Report	Maybe	Summer 2025
12	Transportation Safety Studies	Yes	Summer 2025
13	National Capital Trail Update	Yes	February 2026
14	Bicycle and Pedestrian Plan Update	Yes	Summer 2026
15	Freight Plan Update	Yes	Winter 2027
16	2024 Regional Safety Study (enhanced transportation safety data deep dive),	Yes	March 2025
17	Update the National Capital Trail Network map	No	June 2026
18	Intercity Bus and Rail Travel Study		February 2025
19	Annual State of Public Transportation Report	No	June 2025
20	Regional bike/active transportation count program	Yes	Multi-year
21	AFA reorganization	No	Winter 2025

TPB Work Program Progress Report
MAY 2025 FY 2025

22	TPB Annual Report	Maybe	December 2025
23	Public Participation Implementation Evaluation (every 4 years)	Yes	December 2026
24	Possible consultant assistance to upgrade COGTools for ArcGIS Pro	Yes	September 2025
25	RFP to renew on-call consultant assistance with travel forecasting	Yes	June 2025
26	Update COG/TPB's strategic plan for travel forecasting methods	No	December 2025
27	Gen3 Travel Model (activity-based model): Phase 3 of 3, Usability Testing	Yes	Dec. 2025
28	Review of travel demand forecasting model (TDFM) software	Yes	Sep. 2026
29	Conduct AQC analysis & performance analyses of LRTP, including documentation	No	Dec. 2025 for AQC; Mar. 2026 for EJ analysis
30	2008 Ozone NAAQS: No work foreseen for next 3 years		N/A
31	2015 Ozone NAAQS: Develop Maintenance SIP, includes developing inventories of mobile emissions	No	Jun. 2026
32	Vehicle registration/vehicle identification number (VIN) data: De-code 2026 data	Yes	Jun. 2027
33	Climate change planning activities post CCMS & ICORGHG ??		?
34	Develop transportation-sector GHG inventories	No	Dec. 2025
35	Track progress toward meeting the region's 2030 & 2050 on-road, transportation-sector GHG reductions goals ??		?
36	Climate change planning: Carbon Reduction Program (CRP)	Yes	TBD
37	Climate change planning: Climate Pollution Reduction Grants (CPRG)	Yes	December 2025
38	Climate change planning: Regional Electric Vehicle Infrastructure Implementation (REVII) Strategy	Yes for 2024 work; TBD for future	TBD
39	Regional Travel Survey	Yes	Multi-year
40	Travel Monitoring Program Enhancement	Yes	December 2025

TPB Work Program Progress Report
MAY 2025 FY 2025

41	Visualizations and TRAP Page Development	No	Ongoing
42	Travel monitoring data sets and visualizations	Yes	Varies
43	Regional Activity Centers Map Update	No	February 2025
44	Round 10.1 Cooperative Forecasts	No	June 2025
45	TLC projects (9 individual products)	Yes	June 2025
46	Transit Within Reach (TWR) projects (3 individual products)	Yes	Dec 2024
47	Regional Roadway Safety Program (6 individual products)	Yes	June 2025
48	Enhanced Mobility Grantee Solicitation	No	Summer 2025
49	Performance-Based Planning & Programming: PBPP for CMAQ		?
50	Identify/obtain data to support Gen3 & Gen4 travel models, including RTS and TOBS	TBD	Continuous
51	Regional coordination of future transit on-board surveys (TOBS)	Yes	Multi-year
52	Implementation of new Regional Travel Survey (RTS) format, transitioning from a “once-a-decade” to a more frequent survey activity	Yes	Multi-year
53	State of the Commute Survey	Yes	Winter 2025
54	2025 Washington-Baltimore Regional Air Passenger Survey	Yes	Fall 2025
55	Washington-Baltimore Regional Air Cargo Element Update	No	March 2025
56	Ground Access Forecast Update	No	Spring 2025

FY 2025 TRANSPORTATION PLANNING BOARD
COG/TPB BUDGET EXPENDITURE SUMMARY
May 2025

	DC, MD and VA		BILLED	
	FTA, FHWA and LOCAL	FUNDS	THIS	% FUNDS
	BUDGET TOTAL	EXPENDED	MONTH	EXPENDED
1. Long-Range Transportation Planning				
Long - Range Transportation Planning	1,676,609.06	1,345,753.18	179,116.74	80%
Subtotal	1,676,609.06	1,345,753.18	179,116.74	80%
2. Transportation Improvement Program				
Transportation Improvement Program	361,722.91	195,250.01	26,777.67	54%
TIP Database Support	250,000.00	180,111.69	20,012.41	72%
Subtotal	611,722.91	375,361.7	46,790.08	61%
3. Planning Elements				
Bicycle & Pedestrian Planning	732,307.18	256,743.93	41,242.2	35%
Congestion Management Process	418,739.11	240,887.18	32,931.15	58%
Freight Planning	146,521.95	89,919.88	11,687.88	61%
Metropolitan Area Transportation Operation Coord Program Planning	596,836.42	242,340.9	27,003.08	41%
Performance-Based Planning & Programming	344,934.93	158,967.37	29,275.82	46%
Regional Public Transportation Planning	598,410.59	738,294.15	-107,530.91	123%
Resilience Planning	304,493.61	199,983.86	13,461.83	66%
Systems Performance, Ops & Tech Planning	176,906.28	75,499	15,691.69	43%
Transportation Emergency Preparedness Planning	219,857.22	161,003.15	31,756.98	73%
Transportation Safety Planning	0.00	0	0	0%
Subtotal	3,539,007.29	2,163,639.42	95,519.72	61%
4. Public Participation				
Public Participation	767,522.59	617,441.65	73,676.25	80%
Subtotal	767,522.59	617,441.65	73,676.25	80%
5. Travel Forecasting				
Model Development	1,239,847.78	741,974.27	99,222.94	60%
Network Development	2,300,391.38	1,223,107.53	175,134.82	53%
Software Support	3,540,239.16	1,965,081.8	274,357.76	56%
Subtotal				
6. Mobile Emissions Planning	1,304,875.61	979,216.03	119,426.14	75%
Air Quality Conformity	1,983,006.97	1,172,318.62	163,672.14	59%
Mobile Emissions Analysis	3,287,882.58	2,151,534.65	283,098.28	65%
Subtotal				
7. Travel Monitoring and Data Programs	2,932,763.37	1,175,603.58	129,436.95	40%
Data Visualization & Management	870,946.55	631,913.83	73,951.84	73%
Research & Analysis	3,803,709.92	1,807,517.41	203,388.79	48%
Subtotal				
8. Planning Scenarios and Socioeconomic Forecasting	1,144,171.97	577,218.35	77,900.73	50%
Socioeconomic Forecasting	0.00	0	0	0%
Subtotal	1,144,171.97	577,218.35	77,900.73	50%
9. Complete Street Mobility and Enhancement Programs				
Enhanced Mobility Grant Program	839,100.70	456,459.42	25,780.92	54%
Regional Roadway Safety Program	95,618.13	27,893.11	4,023.97	29%
Transportation and Land Use Connections Program	37,030.30	56,036.66	6,106.84	151%
Transportation Alternatives Set-Aside Programs	218,574.01	47,200.61	2,110.74	22%
Subtotal	1,190,323.14	587,589.8	38,022.47	49%
10. TPB Support and Management				
TPB Support and Management	1,628,295.97	1,111,768.69	265,089.44	68%
UPWP	0.00	99.95	0	0%
Subtotal	1,628,295.97	1,111,868.64	265,089.44	68%
Core Program	21,189,484.59	12,703,006.6	1,536,960.26	60%
A. District of Columbia Technical Assistance				
Program Development & Misc.	296,890.77	19,756.95	10,750	7%
B. Maryland Technical Assistance				
Program Development & Misc.	537,832.84	287,333.43	51,108.75	53%
C. Virginia Technical Assistance				
Program Development & Misc.	446,894.41	194,883.88	16,049.84	44%
D. Public Transit Technical Assistance				
Program Development & Misc.	405,331.64	125,000	0	31%
Technical Assistance	1,686,949.66	626,974.26	77,908.59	37%
TPB Grand Total	22,876,434.25	13,329,980.86	1,614,868.85	58%

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

	TOTAL		FTA/STA/LOCAL		PL FUNDS/LOCAL	
	AUTHORIZED	TOTAL	AUTHORIZED	FTA	AUTHORIZED	FHWA
	BUDGET	EXPEDITURES	BUDGET	EXPEDITURES	BUDGET	EXPEDITURES
A. District of Columbia Technical Assistance						
Climate Change Mit Study -DC	5,000.00	0.00	140.40	0.00	4,859.60	0.00
Program Development, Data Requests, & Misc	15,000.24	2.87	421.22	0.08	14,579.02	2.79
Regional Roadway Safety Program	36,000.00	14,754.08	1,010.92	414.31	34,989.08	14,339.77
Transportation/Land Use Connection Program	0.00	5,000.00	0.00	140.40	0.00	4,859.60
TBD	240,890.53	0.00	6,764.45	0.00	234,126.08	0.00
Subtotal	296,890.77	19,756.95	8,336.99	554.79	288,553.78	19,202.16
B. Maryland Technical Assistance						
Feasibility/Special Studies	25,001.16	0.00	702.06	0.00	24,299.10	0.00
Program Development, Data Requests, & Misc	15,000.24	0.00	421.22	0.00	14,579.02	0.00
Regional Roadway Safety Program-MD	175,000.00	80,392.07	4,914.17	2,257.49	170,085.83	78,134.58
Transportation/Land Use Connection Program-MD	300,000.00	206,941.36	8,424.30	5,811.12	291,575.70	201,130.24
TBD	22,831.44	0.00	641.13	0.00	22,190.31	0.00
Subtotal	537,832.84	287,333.43	15,102.88	8,068.61	522,729.96	279,264.82
C. Virginia Technical Assistance						
Program Development, Data Requests, & Misc	15,000.24	0.00	421.22	0.00	14,579.02	0.00
Regional Safety PGM-VA	89,000.00	39,936.36	2,499.21	1,121.45	86,500.79	38,814.91
TBD	11,593.28	0.00	325.55	0.00	11,267.73	0.00
TLC-VA	80,000.00	52,825.00	2,246.48	1,483.38	77,753.52	51,341.62
Travel Demand Modeling	15,000.24	0.00	421.22	0.00	14,579.02	0.00
Travel Monitoring	236,300.65	102,122.52	6,635.56	2,867.70	229,665.09	99,254.82
VA Other Tasks	0.00	0.00	0.00	0.00	0.00	0.00
Subtotal	446,894.41	194,883.88	12,549.24	5,472.53	434,345.17	189,411.35
D. Public Transit Technical Assistance						
Program Development, Data Requests, & Misc	15,000.24	0.00	15,000.24	0.00	0.00	0.00
Regional HCT Graphic/Map	0.00	0.00	0.00	0.00	0.00	0.00
TBD	140,331.40	0.00	140,331.40	0.00	0.00	0.00
Transit Within Reach Solicitation	250,000.00	125,000.00	250,000.00	125,000.00	0.00	0.00
Subtotal	405,331.64	125,000.00	405,331.64	125,000.00	0.00	0.00
Grand Total	1,686,949.66	626,974.26	441,320.75	139,095.94	1,245,628.91	487,878.32