FY 2025

National Capital Region
Transportation Planning Board

Work Program Progress Report
APRIL 2025

FY 2025

METROPOLITAN WASHINGTON COUNCIL OF GOVERNMENTS

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The TPB approved its FY 2025 Unified Planning Work Program (UPWP) in March 2024, and amended it in March 2025. The TPB Work Program Progress Report summarizes each activity for April. 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	$95,391	69%	43

1. LONG-RANGE TRANSPORTATION PLANNING

1.1 – Visualize 2045 Implementation
Staff reviewed the remaining PIT form fields for the VA project inputs to Visualize 2050 and assessed the extent of the TPB's priority strategies implementation that could be derived from proposed projects and programs. Staff prepared the spreadsheets for internal staff review of the Maryland projects as well.

1.2 – Environmental Justice and Equity
Staff continued to monitor and discuss internally how the new federal direction regarding equity impacts the development of the region's transportation plan.

1.3 – Future Plan Development
Staff presented to the STWG, Technical Committee on ongoing ZBB activities and continued assisting agencies as they progressed through the remaining steps. Staff subject matter experts reviewed the Virginia projects and discussed takeaways. Staff coordinated with VDOT on a presentation given to the TPB on the SEL project. Staff provided some context on the background of the SEL project in relation to the plan and coordinated with VDOT and members following the meeting on remaining questions and responses needed.

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 reviewed the performance data and drafted those sections of the July presentation for the technical committee and TPB. Staff began compiling the V2045 priority strategies for SME review including the language from their original adoption and iterations through V2045 to assist SME's in their suggestions for V2050 language.

1.4 – Federal Compliance
Staff continued review of executive orders and new guidance and explored how to modify current plan development efforts to comply.

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 coordinated 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-led 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 Fathom data review and analysis, including reviewing methodology, naming conventions, draft analysis, slide decks, and the draft addendum report. 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 scheduled Q2 subcommittee meeting of the Regional Transportation Resilience Subcommittee (RTRS) for May 30, and continued planning the agenda and preparing presentations.

Staff also continued to work across departments at COG and the region, including beginning discussions for a potential regional meeting surrounding climate and the insurance industry. Staff contributed to the drafting Metropolitan Transportation Plan, Visualize 2050. Continued working with the TPB GIS department on various ongoing data analysis projects, including making great strides on a project visualizing all RITIS-reported flood events on roadways from 2009-2024 and whether they are located in a FEMA floodplain or not, as well as putting together a "wish list" of GIS analyses that can be completed in the coming years. Staff also continued to participate in advancing the field of transportation resilience planning by attending webinars and reviewing reports, and continues to serve on the leadership team organizing AMPO's Environment and Resiliency interest group quarterly webinars, attending bi-monthly resilient roads roundtable meetings, and monthly meetings with transit resilience planners from up and down the east coast.

Task 2	BUDGET	Billed this month	% Funds Expended	UPWP Page
TRANSPORTATION IMPROVEMENT PROGRAM	$611,722	$13,009	54%	47

2. TRANSPORTATION IMPROVEMENT PROGRAM
2.1– Transportation Improvement Program (TIP)
At its meeting on Friday, April 4, the TPB Steering Committee reviewed and adopted three resolutions approving amendments to the FY 2023-2026 Transportation Improvement Program (TIP).

The first amendment, requested by MDOT, added a net total of $135.7 million from various federal sources and state funding to the Areawide Resurfacing and Rehabilitation project grouping (T3082).

The second resolution was requested by VDOT to make revisions to 3 records as follows:
- Add $800,000 for a new TIP record to study the Seven Corners Ring Road project (T13689).
- Add $3.3 million or the VA 655 Shirley Gate Road from Fairfax County Parkway to Braddock Road (T13695), and
- Reprogram funding on the Richmond Highway Corridor Improvements Phase 2 project (T11602)

Finally, the third resolution asked to revise three records in the FY 2023-2026 TIP as follows:
- Increase total project cost and the cost is being increased from $84.6 million to $131.8 million.
- Add $68.9 million for the new VRE Crystal City Station Improvements (T13624), and
- Add approximately $1 million to VRE's Rolling Stock and Overhauls (T4818), increasing the 4-year program total to $29.95 million.

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

In April, TPB staff continued to hold regular weekly meetings with a representative from EcoInteractive. The consultant performed the following tasks under the ten (10) standard maintenance hours per month provided for in the baseline contract:

- Consultants reset the date for all 26-00 record versions so that until they are approved, they will not be seen by the system as the "most recent" version that it should calculate changes from.

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

- Work on Bulk Import tool for uploading project information where some fields might contain comma-separated values
- Development of OAP Reporting
- Updates (hiding, rearrangement) of fields for Component Projects.

Task 3	BUDGET	Billed this month	% Funds Expended	UPWP Page
PLANNING ELEMENTS	$3,539,007	$95,454	59%	49

3. PLANNING ELEMENTS

3.1. Performance-Based Planning

Staff attended the VDOT OIPI Quarterly MPO meeting and also participated in an AMPO PBPP working group meeting.

Staff collected highway system performance and highway asset data in support of Visualize 2050 and started work on a presentation update for the June TPB Technical Committee meeting.

3.2 Congestion Management Process

Staff held several internal coordination meetings to evaluate legacy products and procedures of TPB's Congestion Management Process (CMP) as part of an effort to develop program enhancements and integration with TPB's travel monitoring program, which also in undergoing program enhancements.

Staff compiled and shared PBPP travel reliability and PHED data for calendar years 2022, 2023, and 2024.

Staff reviewed and addressed inquiries within the Visualize 2050 process documentation.

Staff reviewed and coordinated TPB's response to the draft DVRPC White Paper on the CMP State of the Practice.

Staff reviewed and revised Quarterly National Capital Region Congestion Reports in accordance with Eric's comments for 2023Q4 and 2024Q3.

Staff reached out to the support team of RITIS to ensure the most appropriate data was used for the NCRCR of 2025Q1.

Staff discussed and drafted Quarterly National Capital Region Congestion Report for 2025Q1.

Staff conducted CMP subject matter expertise (SME) review on policy questions and strategies on draft Visualize 2050 chapters.

Staff coordinated the VPDUG meeting scheduled for June 26.

Staff provided data files used in the 2024 CMP Technical Report to support enhanced visualizations in the future.

Staff investigated web analytics for CMP-related pages in response to a specific request.

Staff investigated and responded to a request for electric vehicle (EV) trip data.

Staff drafted and proposed a new section on emerging technologies for inclusion in the 2026 CMP Technical Report.

Meetings

Staff attended monthly TPB and TPB Technical Committee Meetings.

Staff attended biweekly TPB Planning Data and Research Team Meetings.

Staff attended weekly CMP Planning Meetings.

Staff attended the TPB Regional Public Transportation Subcommittee Meeting.

Staff attended the internal discussion on Ch.2 of Visual 2050.

Staff attended the VDOT StreetLight User Group Meeting.

Staff attended the Streetlight Training on Network Performance with Truck Volumes.

3.3 Systems Performance, Operations, and Technology Planning

Staff worked on assigned sections of update to the long-range plan.

Staff attended the NVTA/ITSVA 10th Annual Northern Virginia Transportation Roundtable event held at the new VA Tech technology campus located in Alexandria, VA on April 9.

Staff attended the quarterly VDOT IJC (NOVA Signals Managers) meeting.

Staff attended the ITSDC Spring Event at DDOT offices on April 17.

Staff attended the 2025 Baltimore Region Traffic Incident Management Conference held at the Maritime Conference Center in Linthicum, MD on April 23.

3.4 Transportation Emergency Preparedness Planning

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

3.5 Transportation Safety Planning

Meetings were held with the consultant team to advance the Regional Safety Study update. The consultant continued its crash data analysis while beginning to draft the final report. Staff provided additional data and guidance for the final report. Discussions were also held about the report review process and timeline by the Safety Subcommittee and Technical Committee. The Task Order period of performance was extended to June 30.

In addition, staff completed and issued a Request for Detailed Approach 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 safety-related material 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 April 22 to discuss engagement activities for the upcoming year as well as meeting format and topics.

Staff attended the 2025 Maryland Highway Safety Summit on April 29.

3.6. Bicycle and Pedestrian Planning
Staff briefed the Technical Committee at its April 4 meeting on its planned bicycle and pedestrian activities for FY 2026, including updates of the National Capital Trails Network (NCTN) map and the Bicycle and Pedestrian Plan. Planning was also initiated for developing the products, including establishing an approach for collecting data from jurisdictions and confirming the NCTN existing and planned trail network segments.

Inputs for the mode-specific chapters of Visualize 2050 were also provided.
Staff attended the Capital Trails Coalition Steering Committee meeting on April 4.

Staff attended the DC Safe Community Coalition meeting on April 10 hosted by the District Highway Safety Office.

Staff participated in a workshop on the Maryland Strategic Highway Safety Plan on April 15.

Staff attended the quarterly meeting on the Regional Trail Count Program on April 24.

Staff attended the Maryland Highway Safety Summit on April 29.

3.7 Regional Public Transportation Planning
The Regional Public Transportation Subcommittee (RPTS) met in-person at COG on April 22. Presentations featured projects from transit agencies from both within and outside the National Capital Region, including briefings on Transport for London's (UK) "Smart Station" A.I.-enabled pilot, Arlington, TX's autonomous microtransit service, and WMATA's upcoming tech update to transit signal priority deployment. The subcommittee also heard from TPB staff about the new "Commuter Cash" trip planning and incentive app, the Commuter Connections program, and the status of the Visualize 2050 long-range plan development. This was the last meeting until June.

Staff continued work on development of the Visualize 2050 plan, including updates and collaboration regarding bus transit and railway planning process chapters and PBPP regional target reporting for transit performance measures.

There were no advisory group or task force meetings for DMV*Moves* (a regional transit funding and service improvement initiative) in April. However, staff attended six different working group meetings and facilitated three of them. Generally, staff continued to assist with the development of meeting materials and other initiative support in partnership with WMATA, including preparation for advisory group and task force meetings in May.

Staff attended the monthly WMATA JCC, NVTC MAC meetings, and NVTA's 10th Annual NoVA Transportation Roundtable, as well as the VA SJ28 Meeting examining local (northern Virginia) and WMATA transit funding needs.

3.8. Freight Planning

Discussions were held with the Freight Subcommittee Chair on April 10 and 24 to identify topics and speakers for the May Freight Subcommittee meeting.

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 final meeting for the winter season of the MATOC Severe Weather Coordination Working Group was held in person at the Montgomery County Maintenance and Salt facility on April 8, 2025.

The regularly scheduled MATOC Steering Committee was held on April 18, 2025. Topics discussed included communications, coordination, Traffic Incident Management topics, and the draft FY 2026 work program was discussed.

Task 4	BUDGET	Billed this month	% Funds Expended	UPWP Page
PUBLIC PARTICIPATION	$767,522	$38,706	71%	53

4. PUBLIC PARTICIPATION

4.1 Public Participation and Outreach

Between noon on Tuesday, March 18, 2025, and noon Monday, April 14, 2025, the TPB received two letters, one comment in the general comment box, and 47 comments via email. The comments were focused on the I-495 Southside Express Lanes Project.

The April meeting of the TPB Community Advisory Committee (CAC) was held virtually on April 10. The meeting featured an overview of Commuter Connections, a Regional Bicycle and Pedestrian Plan update, a DMV*Moves* update and the "act locally" round-robin.

Access for All (AFA) Advisory Committee recruitment outreach began on March 10 and concluded on April 14. A total of 35 applications were received. A membership roster was prepared for the May TPB Director's Report.

4.2 Communications

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

DC region traffic crashes killed 110 pedestrians and bicyclists in 2024
(April 4, 2025)

Staff updated the following pages on the COG website: Equity Emphasis Areas, TPB Comment Form, and Freight.

Staff shared information about TPB activities via social media:

TPB Meeting Reminder (April 1), I-495 Express Lanes Study meetings (April 1), DMV*Moves* task force update (April 2), Woodrow Wilson Bridge opening (April 2), Street Smart (April 7), Purple Line testing (April 4), NVTC public hearing (April 10), TPB meeting announcement (April 14), NCAMPO presentation (April 17), Prince William County Road Plan (April 21), Earth Month (April 24), Bike to Work Day reminder (April 24), Virginia DRPT human services survey (April 25).

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

TPB staff conducted regular updates on the new Visualize 2050 website, continued coordination with the Visualize 2050 contractor preparing for layout of the plan document and reviewed and edited Visualize 2050 plan chapters and process documents. Staff also coordinated with the COG procurement office to prepare amendments to Visualize 2050 vendor contracts for FY 2026.

Task 5	BUDGET	Billed this month	% Funds Expended	UPWP Page
TRAVEL FORECASTING	$3,540,239	$104,325	48%	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 2022 (attainment year) and 2032 (interim year) network files. Staff began developing network input files for the 2038 travel model run.

Staff updated and shared an internal transit details memo documenting the network coding details for all transit projects included in the Visualize 2050 air quality conformity analysis.

Staff updated and tested a new General Transit Feed Specification (GTFS) process using Microsoft Access. Many of the transit routes in the region are coded in GTFS format. GTFS data is used to create the base transit networks upon which all forecast-year transit networks are built.

Staff continued to work on the Gen2 Travel Model and Gen3 Travel Model network development reports.

Staff recommended retaining consultant assistance for migrating COGTools from the ArcGIS 10.x platform to ArcGIS Pro. Staff developed a draft, internal memorandum that provides a statement of work. Network development and model development staff reviewed the draft memo.

Staff streamlined and fully automated the GTFS data processing function in MS Access. Staff tested the new process and fixed a few issues noted during the testing. Staff are working to extend this function to extract transit route shapefiles and integrate this function into COGTools.

As an exercise following the second network training session on COGTools, staff coded a hypothetical Metrorail Red Line extension project in COGTools and documented this work. After an internal discussion, staff cancelled the third and last network training session planned for new staff on the source code of COGTools, due to the upcoming code migration of COGTools.

Staff continued to develop utilities in Python that can be used to facilitate network development activities. Staff reviewed the existing TIPUP function in COGTools and fixed some minor typos in the code. Staff plan to update a Python program that replicates the TIPUP function.

Staff continued to develop a highway and transit network report for the Gen3 Travel Demand Model. This report will be included in the Gen3 Model transmittal package when the model is released for production use. In parallel, staff will also develop a highway and transit network report for the Visualize 2050 work conducted using the Gen2/Version 2.4.6 Model.

5.2 Model Development and Support

The TPB Travel Forecasting Subcommittee (TFS) generally meets in odd-numbered months, so it did not meet in April. Nonetheless, staff prepared the meeting highlights from the March 21 TFS meeting.

Generation 2/Ver. 2.4 Travel Model

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

Staff created new network shapefiles from the latest 2050 highway network and replaced the older network shapefiles in both Gen2 and Gen3 models.

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 is working correctly prior to its introduction to production use. Phase 3 also involves updating related modeling procedures that will be needed to use the model for production work (e.g., toll setting). COG/TPB staff is taking the lead on the Phase 3 development, with support from the on-call consultant team, RSG and Baseline Mobility Group (BMG). Specifically:

- COG and RSG staff had a regular check-in meeting on April 23.
- Staff continued to make updates, including new features, feature enhancements and bugfixes, to the Gen3 Model as needed.
  - RSG successfully addressed several model issues identified during the usability testing. COG staff conducted a test run that merged all recent model updates made by RSG and COG and created model validation summaries on April 18.
  - Using a beta model version that incorporates recent model updates, staff conducted a 2025 model run with toll setting and tested different threshold values for volume-to-capacity ratios (V/C) in the toll-setting algorithm. Staff created toll summaries and plotted vehicle throughput on toll lanes. Staff are in the process of investigating the testing results and will make recommendations in terms of the recommended threshold value to be used in the toll-setting process.
  - COG staff tested the transit subsidy model and found a model issue on April 25. RSG staff fixed the issue and recalibrated the mode choice models accordingly. As part of the testing, COG staff re-calibrated the transit subsidy model to match revised model targets.

- o COG staff will conduct another test run with the additional fix related to the transit subsidy and will delineate ("tag") a new model version if COG staff find the validation results satisfactory. This task is currently on hold.
  - o RSG and BMG staff will update the model documentation based on the latest model results. This task is currently on hold.
  - o Staff developed a Python script that automates the calibration for the telecommute frequency choice model and tested it.
  - o Staff investigated a model failure related to the toll-setting process and implemented a bug fix related to the error trapping mechanism in the toll-setting process.
  - o Staff continued to review the Gen3 Model User's Guide and update it up to Version 1.0.3.
  - o Staff included selected standard model summaries as part of the model. Staff conducted test runs and performed troubleshooting to ensure that the model generates identical results despite this model update.
  - o The testing of ActivitySim Version 1.3.1 for the Gen3 Model was put on hold.
- Staff continued to work on the Gen3 Model usability testing:
  - o Staff conducted three sensitivity tests in 2025. Two tests have been completed and documented, while the third test was put on hold until a new version of the Gen3 Model is created. Specifically, staff conducted a 2025 sensitivity test that simulated the telecommuting frequencies in a post-Covid condition. Staff found that the model response was not consistent with the assumption made in the inputs. Staff will rerun the test with the updated model to see if the model response is more reasonable.
  - o Staff conducted a preliminary Visualize 2050 performance analysis using the Gen3 Model and developed utilities to support this analysis. In April, staff created additional TPB Planning Area summaries and generated additional job accessibility maps per request. Staff also continued to investigate the differences in job accessibility maps between the Gen2 and Gen3 models. Staff plan to rerun the 2025 and 2050 models and the performance analysis when a new version of the model becomes available. 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 April, staff serviced one data request for the Gen2/Ver2.4.6 Travel Model by a consultant working on a potential transportation study for VDOT.

Staff updated a memo entitled "Computer specifications of travel model servers (on-premises and cloud servers)," resulting in a new version dated April 3, 2025.

Staff requested and compiled a file containing year-2023 West Virginia daily vehicle miles of travel (VMT) on April 14, 2025. Staff are still waiting for the revised official year-2023 daily VMT data from the Virginia Department of Transportation (VDOT).

In April, staff cleaned up the modeling data on Z drive and requested COG IT staff to archive old data to further free up the storage space on Z drive.

Staff attended the second training session on LOCUS on April 17 and further explored the use of the platform by comparing the LOCUS data with the 2018 household travel survey, Gen3 Model results, and other Big-Data data sets.

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 continued to work with Bentley staff on testing Cube 2025 with COG/TPB's regional travel models. In April, staff requested a status update from Bentley staff regarding their testing.

Staff attended ActivitySim Consortium meetings regularly on Tuesdays and Thursdays.

Staff continued to conduct daily modeling work on AWS cloud servers and work with IT to resolve issues encountered on the AWS servers. Staff had a bi-monthly coordination meeting with IT on April 17.

Task 6	BUDGET	Billed this month	% Funds Expended	UPWP Page
MOBILE EMISSIONS PLANNING	$3,287,883	$123,042	57%	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 Virginia 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 continued to review 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 performance analysis of the plan.

In accordance with the TPB consultation procedures, staff forwarded the following items to the consultation agencies and public advisory committees: the TPB meeting agenda and a summary memo regarding the monthly TPB meeting and the air quality conformity consultation elements.

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 #2). Inventory years include 2017 (base year), 2022 (attainment year), 2032 (interim year), and 2038 (out year). The emissions inventories will also include the setting of new Motor Vehicle Emissions Budgets (MVEBs) for the region. In support of this effort, TPB staff conducted travel demand modeling for the 2022 attainment year (the 2017 base year was modeled in March).

Staff shared information regarding recently announced EPA's Clean Data Determination related to the 2015 ozone NAAQS during the Director's Report item at the April TPB meeting (published in the Federal Register on April 4, 2025). Following the TPB meeting, staff developed and shared a written response to follow-up questions from a TPB member. Staff also prepared a presentation and a memorandum that will be shared with the TPB Technical Committee at its May meeting. The memorandum will also be shared with the TPB in May.

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 continued to coordinate activities related to project schedules with MDOT and DDOT.

In support of emissions reduction activities conducted as described in the federal grants received by the region, TPB staff prepared a memorandum on the Comprehensive Climate Action Plan (CCAP) draft stakeholder list, which will be shared with the TPB Technical Committee in May.

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

In support of the vehicle electrification planning activities in the region, staff briefed the District Department of Energy and Environment (DOEE) on the recently completed Regional Electric Vehicle Infrastructure Implementation (REVII) Strategy.

 As the version of MOVES that was last used in the air quality conformity analysis (MOVES2014b) cannot be used for these types of analyses starting with January 2023, TPB staff continued to conduct MOVES model tests using MOVES4 and evaluate the impacts of new software on emissions in conjunction with the Visualize 2050 plan, MOVES4, specifically MOVES4.0.1, is being used in the Visualize 2050 air quality conformity analysis. In relation to the model development activities, staff began testing MOVES4.0.1 in conjunction with the Gen3 Travel Model usability testing and evaluating the impacts of using both the new travel demand and emissions model.

Staff also continued to follow developments related to the most recent version of the MOVES model (MOVES5), which was released by the EPA (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	$100,913	44%	67

7. TRAVEL MONITORING AND DATA PROGRAMS

7.1 Transportation Research and Analysis

Regional Travel Survey

Staff finalized draft scope for the 2025/2026 Regional Travel Survey and submitted the scope to COG contract and purchasing staff for final review.

Staff continued internal testing of survey smartphone apps in preparation for the upcoming Regional Travel Survey. Staff will test apps from three potential vendors, which will record daily travel for a 7-day period. Staff noted their user experience and technical issues with the app. App test members included staff from the Planning, Data and Research (PDR) team and the Travel Forecasting and Emissions Analysis (TFEA) team.

Travel Trends and Analysis

Staff developed an internal slide deck to describe the framework for a new, enhanced TPB Travel Monitoring Program. The slide deck will be tailored on a case-by-case basis and presented to various internal staff members and TPB subcommittees over the next several months.

Staff began identifying internal subject matter experts (SMEs) for coordinating and identifying data and information elements needed, by program area, to support the enhanced Travel Monitoring Program.

Staff had a monthly check-in meeting with Replica regarding data/app updates and technical assistance.

Staff conducted data evaluations on the LOCUS platform, specifically on O-D analysis at the county level.

Staff participated in a virtual training focusing on the Survey Assist application provided by LOCUS.

Staff continued working on OD trip analysis using Replica data and made refinements to the interactive R-Shiny dashboard.

Staff responded to a request from DDOT staff regarding technical assistance on O-D trip trend analysis.

Staff performed updates of 2024 NBI bridge data for PBPP and RTDC.

Staff began to prepare pavement condition feature classes based on 2023 HPMS file to be used to visualize PBPP measures.

Staff began to prepare regional, state and jurisdictional level pavement and bridge summaries for PBPP and RTDC.

Staff transmitted the consultant-developed 2023 External Stations AADT data to TFEA team.

Staff drafted the fourth amendment to the travel monitoring contract 21-079.

Data Requests

Staff fielded a data request for the APS 2019 dataset from a researcher at the University of Maryland.

Staff responded to a survey from the U.S. Government Accountability Office on travel trends (observed and anticipated) that may have undergone changes in the post-pandemic era.

Meetings & Conferences

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 received additional federal data for median earnings in the COG/TPB region from Department of Community Planning and Services (DCPS) staff and used the tabular data to develop a Power BI report showing the median earnings of federal workers compared to all workers in the COG region.

Staff completed updates to the ArcGIS site "Federal Employment in the Metropolitan Washington Area" that was presented to the COG Board at its March meeting. Staff updated download links, made changes to page text and embedded new Power BI content.

Staff developed a preliminary 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 to automate the data creation. Staff also refined existing Python code. This work is ongoing.

Staff began work to update and refine the process for developing a crosswalk table for the COG/TPB Transportation Analysis Zones (TAZ) to the High-Capacity Transit (HCT) dataset. Staff reviewed previous documentation and workflows and executed the workflow developed using Python/Pandas against geoprocessing tools available in ArcGIS Pro. This work is ongoing.

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

Staff met with fellow staff from the Multimodal planning team to discuss the upcoming work on updating the National Capital Trail Network and the Bicycle and Pedestrian plan database. Staff provided context and guidance on this work as it relates to data management and assistance from the Planning Data Resources team.

Staff met with TPB's resilience planner to brainstorm and develop a document of 'wish list' of items that may be informed by geospatial data analysis, to use a resource for members of the TPB Resilience subcommittee.

Staff completed analysis and processing of the flood event data received from the University of Maryland Center for Advanced Transportation Technology Laboratory (CATT) lab. Staff created several views of the data based on various attribute fields in the data that may inform how these data can be best presented. Staff created a web mapping application to show the data, and this product is currently under review by TPB's resilience planner.

Staff worked with TPB's resiliency planner and the consultant team supporting TPB's resilience work to obtain and replace data layers used in the existing Resilience Web Map.

Staff reviewed the draft flood analysis addendum received from TPB's resilience consultant and provided comments and feedback regarding the presentation of the data used in the analysis.

Staff added a layer of existing Electric Vehicle charging locations to the current REVII map application and made small adjustments to the published geospatial products (web map and application).

Staff began 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 began prepping GIS Committee/GDX Working Group May meeting materials.

Data Requests

Staff responded to a request from the Plan Development and Coordination team regarding locating additional infographic icons available through the Noun Project in support of Visualize 2050.

Meetings & Conferences

Staff attended the Cooperative Forecasting and Data Subcommittee meeting on April 8.

Staff attended the Congressional Lane TLC Client Check-in meeting on April 9.

Staff participated in the recurring meeting related to Visualize 2050 planning activities, including a meeting on April 11.

Staff attended the COG Chief Information Officers (CIO) Committee meeting on April 17.

Staff attended the Maryland State Geographic Information Committee (MSGIC) spring quarterly meeting held on April 17.

Staff attended the Planning Directors Technical Advisory Committee Meeting on April 18.

Staff attended the Regional Public Transportation Subcommittee on April 22.

Staff attended the National Park Service (NPS) Regional Trail Count Program - Quarterly Meeting held on April 24.

Staff attended the DMV GIS Day 2025 - Midpoint Meetup held on April 30.

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	$39,379	44%	71

8. REGIONAL LAND USE AND TRANSPORTATION PLANNING COORDINATION

8.1 Regional Land Use and Transportation Coordination

Staff convened the Cooperative Forecasting and Data Subcommittee on April 8th. Greg Goodwin, with the staff provided a briefing about the status and schedule for updating the Round 10.0 Cooperative Forecasts. Committee members provided additional comments regarding jurisdictional revisions for the Round 10.1 Cooperative Forecast. Charlene Howard with the DTP staff provided a demonstration of the COG Federal Employment in the Metropolitan Washington Area Data Dashboard. Cristina Finch and Sergio Ritacco (DTP staff) briefed the committee on the current Visualize 2050 plan and program development updates. Mr. Ritacco and Ms. Finch also talked about the remaining schedule and plans for the new Visualize 2050 website. John Kent (COG Staff) prepared a briefing to the committee on the work of the Round 10.0 Regional Activity Centers. Mr. Kent shared the map and provided additional details about the map and project.

Staff hosted a virtual meeting of the Planning Directors Technical Advisory Committee on April 18th. Greg Goodwin (Staff) provided a presentation about the potential impacts on the region regarding the reduction in the federal workforce. Mr. Goodwin shared with committee U.S. Census Bureau data related to the number of federal government workers in the COG Region. Mr. Goodwin also shared census earnings data related to the federal workforce in the region. Charlene Howard with DTP staff provided a demonstration of the COG Federal Employment in the Metropolitan Washington Area Data Dashboard. A roundtable discussion followed about these potential economic challenges. Cristina Finch and Sergio Ritacco (DTP staff) briefed the committee on the current Visualize 2050 plan and program development updates. Mr. Ritacco and Ms. Finch also talked about how cooperative forecasting data is used in plan development. Greg Goodwin, with the COG/Staff provided a briefing about the status and schedule for updating the Round 10.0 Cooperative Forecasts.

Staff released the March issue of the Regional Economic Monitoring System (REMS) report that covers the following data points for the month of February 2025: 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. The COG Communication and DCPS teams released a new dashboard version of the REMS data with charts, tables, and brief analysis located on COG's website.

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

Staff continued work on the Round 10.0 Regional Activity Centers project during the month of April. Responded to questions about the map from local jurisdictions by responding to naming edits and further refinements to the Regional Activity Centers map.

Task 9	BUDGET	Billed this month	% Funds Expended	UPWP Page
COMPLETE STREETS, MOBILITY AND ENHANCEMENT PROGRAMS	$1,190,323	$70,519	46%	75

9. COMPLETE STREETS, MOBILITY AND ENHANCEMENT PROGRAMS

9.1 Enhanced Mobility Grant Program

Standard operations continued for 49 open Enhanced Mobility projects. Seventeen requests for reimbursements totaling $247,216.88 were processed and paid. Quarterly progress reports were collected from subrecipients and reported to FTA via TrAMS. Security Interest Agreements were requested from subrecipients who had recently attained federally funded vehicles from the previous round of funding. One contract amendment was processed for a no-cost extension to a Round 3 project. 2025 Enhanced Mobility solicitation workplan was finalized and distributed. Vehicle match payment invoices were sent to most subrecipients seeking to acquire vehicles via Round 6 funding. A save the date was sent for the upcoming 2025 Grantee Best Practices Forum.

9.2 Regional Roadway Safety Program

Work on the six FY 2025 projects advanced as follows:

- Jefferson Street Engineering, City of Frederick: The consultant held discussions with City of Frederick staff to clarify and confirm the project scope.
- Randolph Road Safety Improvement Project, Montgomery County: The consultant developed several short-term options to be presented at a public meeting.
- Study of Proactive Approaches to Transportation Safety: Exploring near-miss data and innovation technologies, Prince George's County: Consultant completed a draft study on best practices for near-misses.
- Seminary Road Safety Improvements, City of Alexandria: Alexandria held an internal charette with city staff for this project during this work period.
- S. George Mason Drive and S. Four Mile Run Drive Intersection Alternatives Analysis, Arlington County: Work on this project continued as planned.
- Wilson Boulevard Safety Improvements, City of Falls Church: The consultant continued work on an alternatives analysis for Falls Church's Wilson Blvd Corridor and draft options for shared-use or widened sidewalks in the corridor. The proposals included utility, storm, and sanitary line overlays (as available) and were discussed by the project group.

9.3 Transportation Alternatives Set-Aside Program
Staff coordinated with MDOT in preparation of the TPB's selection process for the Transportation Alternatives Set-Aside Program (TAP) for Maryland in June 2025 and TPB approval in July 2025. Coordination with MDOT included discussion of when TPB can expect to receive MDOT TAP applications and scheduling review meetings with COG staff and MDOT staff for June 2025.

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 reviewed revised concept plans and comment responses for the project corridor. Staff prepared to begin public outreach, and the consultant began preparing the final report deliverable.
- College Park, River Road Protected Bike Lanes Project - 30% Design Phase – The consultant prepared project plans with incorporation of previous staff comments. The consultant updated traffic analysis based on new signal timing for a portion of the project corridor and prepared for an upcoming project meeting with staff to review plans and signal timing.
- DC, Capital Bikeshare Fare Study – The consultant developed initial fare scenarios and shared them with staff during a monthly meeting. The consultant drafted a final report and prepared to review the draft report during an upcoming monthly meeting in May 2025.
- DC, Public Space Strategies to Advance Racial Equity – The consultant delivered a draft project document to DC Office of Planning staff for review and comments. The draft project report was also shared with COG staff for review.
- Fairfax County, Wiehle Avenue Safety 30% Design – The consultant delivered the first draft of a traffic operations memorandum and presented an initial design draft to staff during a project meeting in April.
- Frederick County, Southern East Street Redesign 30% Design – The consultant met with City staff to present and discuss project analysis findings in April. The consultant also provided graphics showing the results, as well as 30% concepts.
- Montgomery County, Montgomery County VMT Tool – The consultant led a meeting to discuss the memorandum deliverable and to demonstrate use of deliverable, which is an Excel-based tool. The consultant and County staff discussed feedback and the next steps.
- Rockville, Congressional Lane Complete Street Feasibility Study – The consultant coordinated the project's public comment period, which was open through April 30th. The consultant continued work on the draft final report and deliverables and began addressing relevant comments from City staff and the public. The consultant continued preparations to share the draft final deliverables with City staff in May.
- Takoma Park, New Ave Bikeway Purple Line Connection Study – The consultant coordinated public engagement through an open comment period for 10 days in April. The consultant then began compiling and summarizing public comments to share with City staff at the next project meeting.

The FY 2026 selection process for TLC and RRSP continued in April 2025. In April, the TLC selection panel finalized their review and application scores. The TLC selection panel met twice to determine which projects would be recommended for funding for TPB approval. Funding available for FY26 through a combination of funding from the UPWP Core and Virginia DOT Technical Assistance funds was $180,000. Four projects were selected by the TLC selection panel in April and are detailed below. Following these selections, COG staff began preparation of materials to share these four projects with the Technical Committee and TPB for their approval in May 2025.

Jurisdiction Name	State	Project Name	Request
DC	DC	Curbless Street Design Specification	$100,000
Montgomery County	MD	Montgomery County Capital Bikeshare Improvement Plan	$80,000
City of Alexandria	VA	Beauregard Trail Feasibility Study	$80,000
Fairfax County	VA	Westpark Drive Safety Project	$100,000

Task 10	BUDGET	Billed this month	% Funds Expended	UPWP Page
TPB MANAGEMENT AND SUPPORT	$1,628,295	$78,112	52%	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 **APRIL 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 APRIL 2025 FY 2025** include Telephone / Web Ex / Microsoft Teams Communications:

- DMV Moves Monthly Meetings
- Meet & Greet – Corner Bakery – 14th St. Location
- CAO Committee Meeting
- Regional Audit discussion w/ MWCOG
- DCST Coalition Monthly Meeting
- MWAQC Executive Committee
- COG Board of Directors Meeting
- Regional State Delegations Event
- WMATA & COG – Action Plans
- Chat w/M. Acosta - NCPC (MIRR & DC-OP)

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	$147,510	33%	79
District of Columbia	$296,890	$2,456	3%	79
Maryland	$537,832	$109,971	44%	81
Virginia	$446,894	$35,082	40%	83
Regional Transit	$405,331	$0	31%	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 reviewed the cost estimate for the VDOT Spring 2025 active transportation counts; staff issued the task order.

Staff scheduled and participated in the kickoff meeting for VDOT Spring 2025 Active Transportation Counts.

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

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 completed at the end of December when task orders for the projects ended. In April 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 has updated the monthly enplanement data.
- Staff prepared and transmitted the funding request packages to MAA and MWAA which will fund the upcoming 2025 Regional Air Passenger Survey.
- Staff submitted the deliverables for AIP Grant 3-11-8840-019-2021 (CASP 36).
- Staff submitted the deliverables for AIP Grant 3-11-8840-019-2021 (CASP 37).
- Staff coordinated with COG accounting staff to finalize the preparation of the forms to submit AIP Grant 3-11-8840-23-2025 (CASP 40).
- Staff transmitted the COG AIP Grant Application 3-11-8840-23-2025 (CASP 40) to the FAA.

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

Staff revised the draft report for the 2023 Regional Air Passenger Survey (APS) Geographic Findings based on comments received from the Aviation Technical Subcommittee (ATS).

Staff prepared the final dataset and codebook for the 2023 Regional Air Passenger Survey.

Air Cargo Element Update

This project is complete.

2023 Ground Access Forecast and Element Update

Staff continued development of the Python scripts for the Ground Access Forecast Update (GAFU), including comparisons between the 2023 and 2019 survey datasets and adjustments to script logic based on the changes.

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/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
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 forseen 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
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
April 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	1,676,609.06	1,156,830.39	95,391.2	69%
Subtotal	**1,676,609.06**	**1,156,830.39**	**95,391.2**	**69%**
2. Transportation Improvement Program				
Transportation Improvement Program	361,722.91	168,472.34	13,009.11	47%
TIP Database Support	250,000.00	160,099.28	0	64%
Subtotal	**611,722.91**	**328,571.62**	**13,009.11**	**54%**
3. Planning Elements				
Bicycle & Pedestrian Planning	732,307.18	215,501.73	13,973.35	29%
Congestion Management Process	418,739.11	207,956.03	11,702.92	50%
Freight Planning	146,521.95	78,232	4,110.92	53%
Metropolitan Area Transportation Operation Coord Program Planning	596,836.42	215,337.82	10,278.92	36%
Performance-Based Planning & Programming	344,934.93	129,691.55	4,540.33	38%
Regional Public Transportation Planning	598,410.59	845,825.06	36,832.59	141%
Resilience Planning	304,493.61	186,522.03	4,784.34	61%
Systems Performance, Ops & Tech Planning	176,906.28	59,807.31	3,800.67	34%
Transportation Emergency Preparedness Planning	219,857.22	129,246.17	5,430.17	59%
Transportation Safety Planning	0.00	9,806.06	0	0%
Subtotal	**3,539,007.29**	**2,077,925.76**	**95,454.21**	**59%**
4. Public Participation				
Public Participation	767,522.59	543,765.4	38,706.56	71%
Subtotal	**767,522.59**	**543,765.4**	**38,706.56**	**71%**
5. Travel Forecasting				
Model Development	0.00	0	0	0%
Network Development	1,239,847.78	642,751.33	33,225.54	52%
Software Support	2,300,391.38	1,047,972.71	71,100.36	46%
Subtotal	**3,540,239.16**	**1,690,724.04**	**104,325.9**	**48%**
6. Mobile Emissions Planning				
Air Quality Conformity	1,304,875.61	859,789.89	50,716.08	66%
Mobile Emissions Analysis	1,983,006.97	1,008,646.48	72,326.35	51%
Subtotal	**3,287,882.58**	**1,868,436.37**	**123,042.43**	**57%**
7. Travel Monitoring and Data Programs				
Data Visualization & Management	2,932,763.37	1,046,166.63	62,596.46	36%
Research & Analysis	870,946.55	557,961.99	38,316.62	64%
Subtotal	**3,803,709.92**	**1,604,128.62**	**100,913.08**	**42%**
8. Planning Scenarios and Socioeconomic Forecasting				
Socioeconomic Forecasting	1,144,171.97	499,317.62	39,379.15	44%
Subtotal	**1,144,171.97**	**499,317.62**	**39,379.15**	**44%**
9. Complete Street Mobility and Enhancement Programs				
Enhanced Mobility Grant Program	839,100.70	430,678.5	56,373.41	51%
Regional Roadway Safety Program	95,618.13	23,869.14	2,292.83	25%
Transportation and Land Use Connections Program	37,030.30	49,929.82	3,331.01	135%
Transportation Alternatives Set-Aside Programs	218,574.01	45,089.87	8,522.29	21%
Subtotal	**1,190,323.14**	**549,567.33**	**70,519.54**	**46%**
10. TPB Support and Management				
TPB Support and Management	1,628,295.97	846,679.25	78,112.92	52%
UPWP	0.00	99.95	0	0%
Subtotal	**1,628,295.97**	**846,779.2**	**78,112.92**	**52%**
Core Program	**21,189,484.59**	**11,166,046.35**	**758,854.1**	**53%**
A. District of Columbia Technical Assistance				
Program Development & Misc.	296,890.77	9,006.95	2,455.91	3%
B. Maryland Technical Assistance				
Program Development & Misc.	537,832.84	236,224.68	109,971.43	44%
C. Virginia Technical Assistance				
Program Development & Misc.	446,894.41	178,834.04	35,082.99	40%
D. Public Transit Technical Assistance				
Program Development & Misc.	405,331.64	125,000	0	31%
Technical Assistance	**1,686,949.66**	**549,065.67**	**147,510.33**	**33%**
TPB Grand Total	**22,876,434.25**	**11,715,112.02**	**906,364.43**	**51%**

	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 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	4,004.08	1,010.92	112.44	34,989.08	3,891.64
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**	**9,006.95**	**8,336.99**	**252.92**	**288,553.78**	**8,754.03**
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	155,832.61	8,424.30	4,375.93	291,575.70	151,456.68
TBD	22,831.44	0.00	641.13	0.00	22,190.31	0.00
Subtotal	**537,832.84**	**236,224.68**	**15,102.88**	**6,633.42**	**522,729.96**	**229,591.26**
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	29,186.36	2,499.21	819.58	86,500.79	28,366.78
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	96,822.68	6,635.56	2,718.88	229,665.09	94,103.80
VA Other Tasks	0.00	0.00	0.00	0.00	0.00	0.00
Subtotal	**446,894.41**	**178,834.04**	**12,549.24**	**5,021.84**	**434,345.17**	**173,812.20**
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**	**549,065.67**	**441,320.75**	**136,908.18**	**1,245,628.91**	**412,157.49**