

FY 2020



National Capital Region
Transportation Planning Board

Work Program Progress Report

May 2020

FY 2020

METROPOLITAN WASHINGTON COUNCIL OF GOVERNMENTS

777 NORTH CAPITOL STREET, N.E., SUITE 300

WASHINGTON, D.C. 20002-4239

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

The TPB approved its FY 2020 Unified Planning Work Program (UPWP) in March 2019 and amended it in March 2020. The TPB Work Program Progress Report provides a short summary of each activity for the month of May. In addition, this report concludes with status updates reflecting timelines for all ongoing program plans and projects. Please reference the 2020 UPWP for details concerning the approved budget, and work description for each task. The following graphic identifies all the activities in the UPWP.

1. LONG-RANGE TRANSPORTATION PLANNING 1.1 Long-Range Transportation Plan 1.2 Federal Compliance 1.3 Policy Board-Directed Activities	7. TRAVEL MONITORING AND DATA PROGRAMS 7.1 Regional Travel Survey 7.2 Traffic Analysis Studies and Research 7.3 Regional Transportation Data Clearinghouse 7.4 GIS Data and Analysis
2. TRANSPORTATION IMPROVEMENT PROGRAM 2.1 Transportation Improvement Program (TIP) 2.2 TIP Database Support	8. SCENARIO PLANNING AND SOCIOECONOMIC FORECASTING 8.1 Scenario Planning 8.2 Socioeconomic Forecasting
3. PLANNING ELEMENTS 3.1 Performance-Based Planning and Programming 3.2 Congestion Management Process 3.3 Systems Performance, Operations, and Technology Planning 3.4 Transportation Emergency Preparedness Planning 3.5 Transportation Safety Planning 3.6 Bicycle and Pedestrian Planning 3.7 Regional Public Transportation Planning 3.8 Freight Planning 3.9 Metropolitan Area Transportation Operations Coordination Program Planning	9. MOBILITY AND ENHANCEMENT PROGRAMS 9.1 Enhanced Mobility Grant Program 9.2 Transportation Alternatives Set-Aside Program 9.3 Transportation and Land Use Connections Program
4. PUBLIC PARTICIPATION 4.1 Public Participation and Outreach 4.2 Communications	10. TPB MANAGEMENT AND SUPPORT 10.1 Transportation Planning Board Committee Support and Management and Unified Planning Work Program
5. TRAVEL FORECASTING 5.1 Network Development 5.2 Model Development	11. TECHNICAL ASSISTANCE 11.1 District of Columbia 11.2 Maryland 11.3 Virginia 11.4 WMATA
6. MOBILE EMISSIONS PLANNING 6.1 Air Quality Conformity 6.2 Mobile Emissions Analysis	CONTINUOUS AIRPORT SYSTEM PLANNING PROGRAM (CASP)

Task 1	BUDGET	Billed this month	% Funds Expended	UPWP Page
LONG RANGE TRANSPORTATION PLANNING	\$942,493	\$65,522	66%	29

1. LONG-RANGE TRANSPORTATION PLANNING

1.1 Long-Range Transportation Plan

Staff that manages long-range plan activities reviewed the high-level schedule for the 2022 LRP update with the State Technical Working Group and received no requests for changes to any aspect of the schedule, including the timeline for the development of the financial plan. Given Covid-19 implications, staff continue to explore options for plan development in this new context. Staff continued refining the detailed schedule and developed a story board for the outline of the plan and began reviewing this with DTP staff. Staff continued to enhance the workplan by developing a workflow and organizational chart, and by coordinating with each subtask ‘owner’ of the long -range plan development to identify opportunities to improve efficiency, improve process, and increase coordination. Staff will be scheduling meetings to discuss these subtasks to finalize the planning detail and responsibilities of each planning activity. These tools will be used to during regular meetings that will be scheduled to develop the next quadrennial plan update that will be submitted for approval in CY 2022.

Staff continued working consultant graphic design support to develop a template, update branding, and create graphics, including a high-level schedule graphic to be used for the LRP rollout. Working with staff to gain input, a refreshed logo and plan template have been developed, the staff is currently refining the preferred cover option with the consultant.

Staff continued coordinating with other DTP staff to conceptualize and advance planning activities that will inform the next plan. Staff continued to manage a task to increase the robustness of TPBs evaluation of federal performance factors and reviewed and refined the preliminary list of measures for consideration that could help to address issues such as transportation resiliency, connectivity, accessibility and equity. This project advances alongside another task supported by a consultant to conduct a SWOT analysis of the long-range plan, to identify issues that the TPB should consider for its next long-range plan and to identify actions that the MPO could consider taking regarding those issues.

Staff continued a project to develop infographics and brief videos to communicate about the TPB, Visualize 2045, system performance and the Aspirational Initiatives. Staff continued coordinating with the public involvement team and has defined a coordinated outreach approach for the next plan that will address Aspirational Initiatives and future factors, this plan was approaching final at the time Covid-19 became a global pandemic. Staff continues to consider long-range plan communications approaches for activities to be undertaken in 2020, to consider potential ways to engage people that would be consistent with social distancing, should this be a requirement over the coming year.

Staff also continued to coordinate the implementation of activities related to the aspirational initiatives in Visualize 2045. In a memorandum, staff summarized the findings from the completed site visits with the TPB member local governments and independent transit agencies. Staff discussed the findings with other staff and developed a series of ideas for activities that TPB could potentially take in response to the findings. Staff presented this information to the TPB Technical Committee members at the May meeting.

1.2 Federal Compliance

Staff coordinated with Stafford County, the Fredericksburg MPO, and FHWA to work on fulfilling the federally recommended action to update the 2004 TPB/FAMPO MOU. FAMPO approved the PBPP LOA for signature, and the LOA was completely executed on May 30, 2020.

1.3 Policy Board-Directed Activities

Staff also continued working on follow-up to TPB Resolution R10-2019 which directed staff to conduct activities related to the implementation of three of the aspirational initiatives:

- Improve walk and bike access to transit – Staff have been communicating about a network analysis to identify walksheds around high-capacity transit stations. Staff have shared with various committees the online ‘walksheds analysis’ tool that can be used by anyone in the region. Staff is now conducting outreach to technical staff at the local jurisdictions.
- Complete the National Capital Trail Network – Staff continued to implement a work program for expanding the regional trail network to cover the entire TPB region, as a network. The draft final network has been updated to reflect some additional data that has become available from TPB members.
- Provide more telecommuting and other options for commuting – Commuter Connections Program continued to make available to the public the incenTrip app that launched on August 28. Staff also conducted other TDM related activities, including publicizing the new telework templates March 6, 2020.

COG staff (who are not explicitly TPB staff) worked on activities to address another of the seven initiatives— “Bring jobs and housing closer together.” The Housing Initiative has been underway to identify how to work together as a region to build 100,000 more housing units over the next decade in the region’s Activity Centers. Resolution R10-2019 also encouraged regional coordination activities, led by TPB partners, to promote implementation of the initiatives “Expand bus rapid transit (BRT) regionwide,” and “Expand the express highway network.” COG staff made recommendations to the COG board regarding three regional housing targets. In September, the COG Board voted unanimously to endorse the three housing targets. Based on recent work, COG and TPB have been advancing a discussion on Transit-Oriented Communities.

Task 2	BUDGET	Billed this month	% Funds Expended	UPWP Page
TRANSPORTATION IMPROVEMENT PROGRAM	\$433,982	\$17,991	66%	31

2. TRANSPORTATION IMPROVEMENT PROGRAM

2.1 Transportation Improvement Program (TIP)

Staff redeveloped reporting modules for iTIP database to process amendments and administrative modifications for all agencies for use before transitioning to the Project InfoTrak system. Modifications were processed for 8 projects.

2.2 TIP Database support

A go-live date of June 8 was finalized. Invitations to training sessions were distributed and user accounts were set up. The customizations for the bicycle/pedestrian plan module were completed and EcoInteractive began work with Mike Farrell and Charlene Howard to acquire data from member agencies. EcoInteractive also started work on the database search feature that would be available to the public. Staff provided the language to be used on the introductory “landing” page for this module. Work has also been completed on data gathering for the TIP, the GIS module, and the obligations module.

Task 3	BUDGET	Billed this month	% Funds Expended	UPWP Page
PLANNING ELEMENTS	\$2,459,242	\$183,992	78%	33

3. PLANNING ELEMENTS

3.1 Performance-Based Planning

Staff reviewed the incorporation of performance-based planning elements in the Project Info Track database. Staff finalized the PBPP Letter of Agreement for co-signature with FAMPO on the appropriate responsibilities for TPB and FAMPO with respect to performance planning requirements.

With the first two years of the 2018-2021 targets now completed, staff completed data collection and prepared a presentation on performance progress versus the adopted PBPP targets in the areas of Pavement and Bridge Condition and of Highway System Performance (Travel Time Reliability, Freight, CMAQ Program). Staff also prepared a presentation on the PBPP Transit Safety requirements and target-setting by the transit agencies.

3.2 Congestion Management Process

Congestion Management Process (CMP) data compilation and analysis for the 2020 CMP Technical Report, and for upcoming Quarterly Reports, continued. The draft 2020 CMP Technical Report was prepared and provided for the read-ahead package for the June 5 TPB Technical Committee meeting.

Staff continued to explore data availability for traffic impacts of COVID-19 toward future reporting.

3.3 Systems Performance, Operations, and Technology Planning

The May 5 TPB Connected and Autonomous Vehicles (CAV) Webinar #1, entitled “CAV Overview Featuring Paul Lewis of the Eno Transportation Center” was organized and conducted. Approximately 90 people attended the webinar, providing an introduction to what was now planned as a series of TPB webinars on the CAV topic, in lieu of in-person workshops, through summer and fall 2020. Planning for the future webinars continued. The scope of work for a task order to TPB’s on-call consultant team to prepare a white paper, “Connected and Automated Vehicles: Planning Considerations for the National Capital Region” was completed, approved, and issued; consultant work began.

3.4 Transportation Emergency Preparedness Planning

Information was shared with the Transportation Emergency Preparedness Committee (R-ESF 1) regarding Metropolitan Area Transportation Operations Coalition (MATOC) and transit agency response actions due to COVID-19.

3.5 Transportation Safety Planning

At the regularly scheduled May 20 Transportation Planning Board Meeting, staff presented the results of the “deeper dive” analysis of the regional roadway crash data into crashes with pedestrians, crashes at or near intersections, and crashes along major arterials. This analysis was undertaken as part of the regional safety study.

Staff collaborated with the consultant team to present the list of roadway safety recommendations developed as part of the regional safety study to the Technical Committee at their May 1, 2020 meeting.

For the Analysis of Regional Roadway Safety Outcomes study, consultant staff updated the draft list of recommendations for safety countermeasures, continued network screening, and finalized the deeper analysis of young driver crashes to complement the analysis previously done on pedestrian, intersection, and major arterial crashes.

Staff continued fleshing out the components of the safety recommendations that will be presented to the TPB at their June 17 meeting.

3.6 Bicycle and Pedestrian Planning

The TPB Technical Committee was briefed on the status of the National Capital Trail Network at their May 1 meeting.

The draft National Capital Trail Map was updated with additional trails in Loudoun and Montgomery Loudoun Counties.

The May 19 meeting the Bicycle and Pedestrian Subcommittee was organized and conducted. The Subcommittee was briefed on the draft National Capital Trail Map; members provided comments and corrections. The Subcommittee was also briefed on the preliminary set of recommendations for reducing fatalities and serious injuries in the region based on the findings of the regional safety study. The Subcommittee discussed the progress of the data gathering effort for the regional Bicycle and Pedestrian Plan, the COVID-related Street Smart ad campaign, and proposals for workshops on Dockless E-scooters and Vision Zero Arterial Design.

Work continued on the project database toward the next Regional Bicycle and Pedestrian Plan (plan to be completed in FY 2021). Staff contacted TPB member jurisdictions to request geospatial and other project data from the agency plans. Primary work to complete the project database (including incorporation of National Capital Trail Network data) was anticipated June 2020. An on-line data portal will be made available for jurisdictions to add missing or new project data, or edit existing project data.

Staff attended or participated in the following May 2020 events that support current and future Bicycle and Pedestrian Planning efforts:

- Van Dorn Project conference call, May 18
- Capital Trails Coalition Steering Committee, May 21
- Prince George's County Vision Zero Steering Committee, May 21
- Maryland Pedestrian Bicycle Emphasis Area Team Meeting, May 28

3.7 Regional Public Transportation Planning

The Regional Public Transportation Subcommittee did not meet in May. The Annual Private Providers Forum scheduled for June was cancelled.

TPB staff participated in weekly MATOC Transit Task Force calls and facilitated the discussion and development of options for assisting the region's transit providers in coping with the pandemic and the recovery of transit systems. Staff attended two WMATA JCC meetings.

Staff completed final revisions in support of public transportation sections of the 2020 CMP Technical Report. Two letters of endorsement for local applications for federal grant programs were prepared. The Scope of Work for a Task Order to the On-Call Consultants to prepare a TIGER Meta-Report was completed, approved, and issued. Staff also discussed the emerging vacancy for a junior transportation planner to assist in regional public transportation planning and options for refining the position's duties.

3.8 Freight Planning

The planning committee for the June 22 Regional Curbside Management Online Forum, with representatives from TPB staff, DDOT, ITE, IPMI, and private sector consultants, met on May 29.

3.9 Metropolitan Area Transportation Operations Coordination Program Planning

The Metropolitan Area Transportation Operations Coordination (MATOC) Program is an operational partnership of the region's major transportation agencies, funded outside the UPWP, but with certain planning support activities provided by TPB staff under this task.

Special conference calls were organized and conducted during May 2020 to discuss MATOC/transportation agency operational impacts of COVID-19, including:

- MATOC Transit Task Force, May 6, 20, and 27
- MATOC Operations Subcommittee, May 7 and 21.

The regularly scheduled May 8 meeting of the MATOC Steering Committee was organized and conducted by conference call, continuing discussion of communications, coordination, and Traffic Incident Management topics, as well as impacts of COVID-19.

A special May 13 “MATOC Transit Task Force (TTF) Service Restoration Workshop #1” was organized and conducted by conference call, to help coordinate on service restoration among the transit agencies of the region during recovery from COVID-19. Relevant information from this workshop and from the TTF calls was shared with the Commuter Connections program for use in Commuter Connections outreach.

Task 4	BUDGET	Billed this month	% Funds Expended	UPWP Page
PUBLIC PARTICIPATION	\$1,013,150	\$89,368	71%	39

4. PUBLIC PARTICIPATION

4.1 Public Participation and Outreach

Public participation activities and planning for future activities were all affected by the quarantine resulting from the COVID pandemic.

The 2020 CAC met for an online-only meeting on Thursday, May 14 to continue their discussion about the transportation impacts on climate change and to learn more about the safety study.

Staff continued work on the update of the TPB’s Public Participation Plan. The update process will take place throughout the next several months. Board approval is expected in the summer of 2020.

Staff continued preliminary planning for public engagement that will be part of the next update of the long-range plan, which is scheduled for approval in 2022. Tentative plans for this year (calendar year 2020) include a public opinion survey, qualitative research, infographics and other communications activities, and a kickoff event in the fall. In May, staff assessed how these activities might be accomplished using virtual participation tools.

4.2 Communications

The TPB News, the TPB’s online newsletter, featured stories on the items related to the TPB agenda in May.

Here’s what happened at the May TPB meeting

May 26, 2020

What’s the market potential for MARC-VRE run-through service?

May 26, 2020

Throughout the period, TPB staff maintained an active presence on social media.

Staff updated pages on the COG website related to transportation

Task 5	BUDGET	Billed this month	% Funds Expended	UPWP Page
TRAVEL FORECASTING	\$2,007,202	\$228,553	98%	41

5. TRAVEL FORECASTING

5.1 Network Development

Staff completed a transit details documentation memo, dated May 8, for the 2020 Amendment to Visualize 2045. The memo lists the coding assumptions (routes, headways, runtimes, feeder/support bus service, etc.) for the transit projects listed in the air quality conformity project inputs table and included in the networks for the conformity analysis. This memo will be shared with the implementing agencies at the start of the next conformity cycle so project assumptions can reflect the most up-to-date information.

Staff responded to a request from MDOT on network assumptions for the Traffic Relief Plan (TRP).

Staff reviewed Northern Virginia Smart Scale projects to confirm which projects were included in the most current conformity analysis.

Staff continued attending bi-weekly meetings, via conference call, with EcoInteractive, the consulting group developing an interactive online database of the region's Transportation Improvement Program (TIP). The new database will expand upon the database that had been used for iTIP and should allow TPB staff to coordinate the inputs for the LRTP, TIP, and conformity inputs to provide smoother, more seamless, data collection from the state and local DOTs and other implementing agencies. As part of the transition from the iTIP to Project InfoTrak, staff reviewed projects from the conformity input table to identify which TIP and/or LRTP project encompassed each conformity project.

Staff developed a 2007 transit network in Public Transport (PT) format in support of an ongoing investigation of the PT program. Staff finished a technical memorandum, dated May 28, that documents this PT network development exercise, as well as the problems and issues encountered during this process.

5.2 Model Development, and Support

The Travel Forecasting Subcommittee (TFS) meets in odd-numbered months. At the May 15 meeting, the following topics were discussed:

- TPB's production-use travel demand forecasting model.
- Big Data Evaluation: Preliminary Results.
- TPB's developmental travel demand forecasting models: Gen3.
- 2019 Washington-Baltimore Regional Air Passenger Survey: General Findings.
- A Tour of the Express Lanes, Time-of-Day version (4ELToD4) Model.
- Accessibility application to support VDOT's SMART SCALE project prioritization.

Staff also began developing the draft meeting highlights.

Production-use, travel demand forecasting model: Generation-2/Ver. 2.3

Staff responded to a series of questions from VDOT related to the Ver. 2.3 Model.

Developmental, travel demand forecasting model: Generation-2/Ver. 2.3 and Ver. 2.4

Staff set up and executed all the model runs for the Version 2.4 Travel Model, including toll setting processes. Staff generated comprehensive model summaries for the base-year (2019) and horizon-year (2045) model runs. Based on these summaries, staff evaluated the reasonability of the Ver. 2.4 Model outputs and the consistency with the Ver. 2.3.75 and Ver. 2.3.78 modeling results. During

this process, staff updated a standard summary script (“View from Space”) so that it could work with both Ver. 2.3 and Ver. 2.4 Models.

Staff continued the investigation of Cube Public Transport (PT) in the Gen2/Ver. 2.3.85 Model. Staff conducted a 2007 model run with PT network inputs and re-calibrated the mode choice model based on the 2007 PT skims. The mode choice calibration significantly improved the transit validation of the Gen2/Ver. 2.3.85 Model with PT. Per suggestions from Bentley Citilabs, the developer of Cube, staff also conducted additional tests to investigate the excessive model runtimes associated with the PT process. Staff is preparing a memorandum documenting the findings from this investigation.

Developmental, travel demand forecasting model: Generation-3

Regarding the consultant-assisted project to develop the next-generation travel demand forecasting model, known as the Gen3 Model:

- Staff held two regular check-in meetings with RSG and BMG, the consultants on the Gen3 Model development project (May 7 and 21).
- Staff attended Gen3 Activity Based Modeling Training on May 12 to 14 provided by RSG.
- Staff reviewed and discussed the draft Gen3 Model Design Plan, dated May 4, developed by RSG.
- Staff conducted a preliminary review of responses from a survey of four major commercial travel demand modeling software vendors in the U.S. market.
- Staff followed up with transit agencies regarding an earlier TPB staff request to obtain the most recent transit on-board survey data sets. Specifically, staff obtained guidance from WMATA and COG’s legal counsel regarding who should represent COG to sign a WMATA’s non-disclosure agreement (NDA), needed to obtain a copy of the 2018/2019 Metrobus Passenger Survey data.
- Staff, working with IT, purchased and installed new memory on one of travel modeling servers (tms8). With the new memory, staff continued the ActivitySim tests on tms8 with a focus on model run time.
- Staff explored online parking cost data and developed a method to obtain and geocode the real-time parking cost data for this region from the Parking Panda website.

Other activities

- Staff serviced three data requests. The requested data included the Ver. 2.3.78 Travel Model and loaded highway networks in CUBE file format, as well as Ver. 2.3.75 Travel Model and loaded highway networks in CUBE file format. The data requests were from consultants working for VDOT, VDRPT and MTA.
- Staff served on the Scenario Planning Oversight Committee, TPB Performance Measures Task Force, and Evaluation of Big Data Technical Advisory Committee.
- Staff tested the COVID Scenario Pipeline model developed by John Hopkins University scholars, reviewed modeling documentation, and shared the findings with senior management.
- Staff took an online PT training courses offered by Bentley Citilabs.
- Staff requested a 20-seat Cube floating license from Bentley and installed it on tms8.
- Staff attended a webinar, StreetLight Insight for VDOT: VMT, dated May 27.
- Staff attended a Travel Model Improvement Program (TMIP) webinar: “Testing and Results of TMIP Exploratory Modeling and Analysis Tool (TMIP-EMAT) at the Oregon Department of Transportation (ODOT),” dated May 28.
- Staff assisted developing a Letter of Support, dated May 27, from COG for George Washington University to establish a Tier-1 University Transportation Center (UTC). If established, the center would focus on researching the effect of connected and/or autonomous vehicles (CAVs) on persons with disabilities and older adults.

Task 6	BUDGET	Billed this month	% Funds Expended	UPWP Page
MOBILE EMISSIONS PLANNING	\$2,002,926	\$121,695	67%	45

6. MOBILE EMISSIONS PLANNING

6.1 Air Quality Conformity

The Federal Highway Administration and the Federal Transit Administration, in conjunction with the U.S. Environmental Protection Agency, approved the air quality conformity analysis and the 2020 Amendment to Visualize 2045 and the FY 2021-2024 Transportation Improvement Program (May 27).

Staff continued with preparation of other air quality conformity documentation. This work includes development of graphs and charts to document the inputs and outputs of the conformity analysis. Specifically, a summary report, dated May 26, documenting detailed statistics related to travel and emissions was finalized. The data in this report are often used when responding to specific data requests by the State Departments of Transportation (DOTs), local jurisdictions, project consultants, and others.

Staff coordinated with State DOTs to obtain information for the Congestion Mitigation Air Quality (CMAQ) mid-period Performance Based Planning and Programming (PBPP) reporting requirements.

In preparation for future air quality conformity work, staff began to conduct test model runs and assess whether any adjustments to the existing toll-setting process will be needed.

Staff also continued to monitor developments of other tools that could be applied at the MPO level and attended the TMIP EMAT webinar mentioned above.

6.2 Mobile Emissions Analysis

DTP staff continued working closely with COG’s Department of Environmental Programs (DEP) staff on development of the 2017 base-year emissions inventory submittal to the EPA as part of the 2015 ozone National Ambient Air Quality Standards (NAAQS) requirements.

Briefings on this topic were provided to both the Metropolitan Washington Air Quality Committee’s Technical Advisory Committee (MWAQC-TAC) and the Metropolitan Washington Air Quality Committee (items #3 and #4, respectively).

DTP staff continued to work with DEP staff, member jurisdictions, and state air agencies to facilitate various aspects of air quality and greenhouse gas (GHG) planning activities. DTP and DEP staff continued reviewing EPA’s Final Safer Affordable Fuel-Efficient (SAFE) Vehicles Rule for Model-Year 2021-2026 Passenger Cars and Light Trucks that rolls back the 2012 greenhouse gas and fuel economy standards. DTP and DEP staff developed a detailed technical memorandum to the TPB, MWAQC, and Climate, Energy and Environment Policy Committee (CEEPC) about the impacts of the rule. TPB Technical Committee was briefed on the rule and its potential impacts on our region (item #10), and the TPB received the joint technical memorandum regarding impacts of the rule (Steering Committee Actions and Report of the Director). The rule was entered in the Federal Register on April 30, 2020 and will become effective on June 29, 2020.

DTP staff continued to follow climate-action planning and participate in the related activities. To facilitate regional planning activities, DTP staff provided DEP staff with fuel and meteorological data for development of non-road greenhouse gas inventories. DTP staff also attended the CEEPC meeting and Global Covenant of Mayors (GCoM) & National Association of Regional Councils (NARC) Webinar called Regional Climate Action Planning and the GCoM Process.

DTP management and staff, along with DEP staff and COG’s executive office representatives, coordinated activities with our members regarding the Transportation and Climate Initiative (TCI). Specifically, DTP staff facilitated a TCI discussion at the Citizens Advisory Committee (item #2).

DTP staff continued to conduct MOVES model tests in a study designed to further refine greenhouse gas emissions modeling estimates. Staff also continued to explore different ways to model criteria pollutant emissions to be consistent with the Version 2.4 Travel Demand Model, which is expected to come on-line in the fall of 2020.

Task 7	BUDGET	Billed this month	% Funds Expended	UPWP Page
TRAVEL MONITORING AND DATA PROGRAMS	\$1,841,358	\$154,376	81%	47

7. TRAVEL MONITORING AND DATA PROGRAMS

7.1 Regional Travel Survey

Staff continued to focus on data processing for the 2017/2018 COG/TPB Regional Travel Survey (RTS). COG/TPB staff worked on editing the trip files in the RTS.

COG/TPB staff held a meeting with the Baltimore Metropolitan Council and Westat, the contractor for the Maryland Travel Survey (MTS), to discuss the common data structure for the trip file to ensure consistency between the RTS and the MTS.

COG/TPB staff provided an update on the RTS to the TPB Travel Forecasting Subcommittee on May 15.

COG/TPB staff conducted internal coordination concerning the timing of completing the data processing of the RTS and when it might be ready for testing for incorporating the data into the eventual Gen3 Travel Demand Model. As part of this activity, staff reviewed a draft report (“Gen3 Model Design Plan”) developed by RSG, the contractor for the Gen3 Model and it advised COG/TPB Travel Forecasting and Emissions Analysis personnel on potential survey weighting procedures being considered as part of the Gen3 model development process.

COG/TPB staff responded to an inquiry from VDOT about the RTS questionnaire.

Staff updated the survey release plan and coordinated internally to adjust presentation timing due to the impact of COVID-19.

7.2 Traffic Analysis Studies, and Research

Staff conducted technical analysis for the Transit Within Reach and Transit Access Focus Areas including applying a methodology to assign TAZ to new stations. Staff also reran the analysis used to assign scores to each station. Staff answered a few follow-up questions and revised the analysis as requested by the project manager.

Staff received supplemental HPMS data from FHWA staff and used those data in conjunction with the HPMS Public Release data to extract and synthesize the 2017 and 2018 pavement data needed for PBPP performance reporting and target-setting. In addition, staff downloaded the 2019 National Bridge Inventory for DC, MD, and VA and prepared bridge metrics. These data were provided to Systems Performance staff as input to the 2-year PBPP performance reporting and target-setting.

In support of understanding the impact of COVID-19 to transportation and the economy:

- Staff finalized an analysis of the change in traffic volumes at each of DDOT’s permanent counting stations between January 1, 2020 and March 31, 2020. In addition, staff compiled traffic volume data from continuous count stations throughout the COG modeled region to

perform an analysis of regional travel during the March and April 2020 time period. This analysis is intended to be ongoing on a monthly basis.

- Staff reviewed and provided comments on:
 - labor force statistics gathered by the Department of Community Planning and Services
 - Commuter Connection's draft survey of businesses experience with telework/work-at-home during the pandemic in the Washington Region
 - Reviewed a proposal for a travel monitoring survey

Staff provided information to the Travel Forecasting and Emissions Analysis team about how survey data is typically stored and protected.

Staff provide feedback to the Plan Coordination Team about an approach proposed by a consultant for public opinion survey.

Big Data in Regional Travel and Mobility Analyses

The consultant completed the draft report. The COG/TPB project manager reviewed and edited the draft before it was shared with the Study Working Group for further input.

The consultant arranged meetings with MDOT and DDOT about big data products currently in use, including contracts and/or vendor agreements. Staff participated in these meeting.

The consultant and staff continued regular coordination calls for the project.

The COG/TPB project manager and consultant project manager briefed the Travel Forecasting Subcommittee at its May meeting on the evaluation methodology, preliminary findings, and next steps.

7.3 Regional Transportation Data Clearinghouse

Staff participated in the Long-Range Plan Performance Analysis Staff Advisory Group meeting on May 22.

Staff refreshed the ArcGIS Online content for recently updated datasets to the RTDC.

7.4 GIS Data, and Analysis

For the Transit Access Focus Areas (TAFA) Project, staff met with staff from the cities of Manassas and Manassas Park to discuss the current status of the Transit Access Focus Areas (TAFA) project. Staff also collaborated with fellow DTP staff to refine the method by which the number of TAFAs are allocated to each TPB jurisdiction.

Staff attended the May meeting of the Maryland State Geographic Information Committee held on May 13.

Staff participated in the CAD2GIS regional meeting on May 28.

Staff attended the Chief Information Officers (CIO) virtual meetings on May 14 and May 28. These meetings were mainly focused on jurisdictional COVID-19 response and recovery efforts.

Staff attended the Cooperative Forecasting and Data Subcommittee meeting on May 12.

Staff participated in a meeting on April 14 with fellow DTP staff and staff from the Department of Community Planning & Services (DCPS) regarding the second phase of the Transit Oriented Communities (TOC) initiative. Staff reviewed and discussed the timeline and division of labor for the work.

Staff continued to coordinate with staff from the Department of Community Planning and Services on technical work related to the Transit Oriented Communities joint TPB/COG initiative. Staff communicated requirements to DCPS staff for updating the list of transportation analysis zones (TAZ) associated with TOC station areas. This work is ongoing.

Staff provided a response to the Travel Forecasting and Emissions Analysis team regarding information on available parks and green infrastructure-related datasets, as such data relates to land use inputs needed for the Gen3 Travel Model

Staff continued work with TPB's bicycle and pedestrian planner to obtain data and clarification from jurisdictional staff for projects for the 2020 update to the TPB Bicycle and Pedestrian Plan for the National Capital Region. Staff continues to assess data and make requests for additional data.

Staff continued to coordinate and provide guidance for completing the final data development for Montgomery and Loudoun Counties for the National Capital Trail. Staff completed a draft Montgomery network. Additionally, staff communicated specifications for fellow DTP staff responsible for evaluating and creating the Loudoun County network.

Staff continued to assist Commuter Connections staff with their Employer Survey database application hosted on ArcGIS Online and provided access to online materials for Commuter Connections' contractor (VHB). This task is ongoing.

Staff continued to participate in the bi-weekly conference calls with TPB's TIP database contractor. Staff provided feedback and input regarding the bicycle and pedestrian module and defining a set of mandatory fields.

Staff prepared technical documentation for the address locators used in the geocoding step in processing data from the 2019 Regional Air Passenger Survey.

Staff planned and participated in the GIS Committee/GDX Working Group virtual meeting on May 19. Highlights of the meeting included: status reports on the NCR-GDX and NextGen 9-1-1, an informative discussion on datums and projections and uploading data to NextGen 9-1-1, a demonstration of the District's data cataloging efforts and their internal COVID-19 hub site, and a discussion of local efforts to respond to the COVID-19 outbreak. Before the meeting, staff provided links to local sites stood-up by the jurisdictions to respond to COVID-19 outbreak.

In response to a request from Homeland Security and Public Safety staff, staff worked with Department of Environmental Programs staff to plan a meeting with NCR/GDX staff and Food Security staff from around the region on using the NCR/GDX to develop a regional food availability database. The meeting is scheduled for June 9.

Staff performed software updates for ArcGIS on user desktop workstations, as requested, and worked with COG's Information Technology and Facilities Management (ITFM) team to perform installations.

Task 8	BUDGET	Billed this month	% Funds Expended	UPWP Page
SCENARIO PLANNING AND SOCIOECONOMIC FORECASTING	\$1,070,721	\$111,807	67%	51

8. SCENARIO PLANNING AND SOCIOECONOMIC FORECASTING

8.1 Scenario Planning

Staff and the consultant organized and led the Oversight Committee kick-off meeting. The consultant developed an agenda and slide deck that was reviewed by the project manager and project advisor.

In advance of the Oversight Committee kick-off meeting, the project manager and consultant participated in a separate meeting to review the Project Management Plan and the agenda for the kick-off meeting. The project manager distributed a short questionnaire in advance of the meeting

and provided the results to the consultant. The project manager also offered one-one-one meeting with any members who wanted to learn more about the project's background.

Staff developed high-level talking points for any questions about this project.

8.2 Socioeconomic Forecasting

During May, staff support to the Cooperative Forecasting process focused on the COG Board housing targets as well as efforts to estimate the potential COVID-related impacts on employment and businesses.

Due to the immediate and unprecedented impact of the COVID-19 pandemic, staff continued analyses of employment (by place of work) and labor force (place of residence) with emphasis on industry sectors susceptible to job losses due to Coronavirus-related closures. Staff compiled data on unemployment filings by jurisdiction, documenting the variability of each municipality's employment challenges. To further enhance the dissemination of these data to member jurisdictions, Staff also worked to develop an enhanced, Web-based version of the Regional Economic Monitoring System (REMS) report. Once completed, COG Communications staff undertook a targeted e-blast of the new website to select COG Committees, including the Cooperative Forecasting Subcommittee, Planning Directors, and the Region Forward Coalition.

The Planning Directors Technical Advisory Committee (PDTAC) continued work to address the need for additional housing to balance the region's anticipated job growth as shown in the Cooperative Forecasts. The PDTAC and the Housing Directors Advisory Committee convened a special joint meeting on May 20, featuring a briefing and discussion on "Housing and the Regional Economy and COVID," led by Jeannette Chapman, director of the Stephen S. Fuller Institute for Research on the Washington Region's Economic Future. Committee members also shared current best practices on how to engage the public for project and plan review during COVID.

At the Cooperative Forecasting Subcommittee meeting, staff presented results of the 2019 Commercial Construction report, a major local indicator of economic growth. As part of this meeting, members discussed the impact of COVID-related shutdown and how and what data points members are collecting to support their Boards and Councils. In addition, members reviewed the proposed schedule for Round 9.2, followed by a roundtable discussion about each member's potential participating in developing updates. Finally, staff shared new summaries of data related to the COVID shutdown, including unemployment rates by jurisdiction (Bureau of Labor Statistics); employment loss by NAICS Sector (Bureau of Labor Statistics); civilian employed population by industry and jurisdiction (U.S. Census Bureau); and Unemployment Insurance Claims – State Level (Department of Labor).

Staff continued to support the COG Executive Director by participating in meetings for the COVID Economic Recovery Task Force, providing subject matter expertise in regional economics, land use and transportation planning.

Task 9	BUDGET	Billed this month	% Funds Expended	UPWP Page
MOBILITY AND ENHANCEMENT PROGRAMS	\$661,696	\$45,056	64%	55

9. MOBILITY AND ENHANCEMENT PROGRAMS

9.1 Enhanced Mobility Grant Program

Staff began planning for the June AFA meeting, including consulting with members to ensure equal access if held virtually.

Chair Kostiuk, staff, and some AFA members attended the TPB's CAV Webinar #1 on May 5.

At the May 20 TPB meeting Chair Kostiuk reported out information shared by AFA membership on the impacts of COVID-19 on individuals and agency programs and participants.

Collection of responses to a survey about Connected and Autonomous Vehicles (CAV), with a specific question about considerations for older adults and people with disabilities, continued and plans were made to share results at the June AFA meeting.

9.2 Transportation Alternatives Set-Aside Program

TPB staff announced that the application period for the Transportation Alternatives set-aside program in Maryland and D.C. will be open between mid-April and mid-May. The TPB is scheduled to approve TA Set-Aside project for those states in July. The TPB is scheduled to approve TA Set-Aside projects for those states in July.

9.3 Transportation Land-Use Connections Program

The TPB approved 15 new FY 2021 projects on April 15. Following the approval, staff conducted follow up to inform applicants about their status and began the process for consultant selection.

The 13 TLC projects for FY 2020 were underway as described below:

- DC (Florida and New York Avenues): The consultant continued and will be forwarding report draft shortly.
- MD (City of College Park): The consultant and city staff decided at the end of April that a public meeting in May would be impossible because of the COVID-19 pandemic. A project presentation website and survey tool were released on May 7th. As per the timeline of the project, the survey will end on May 31st. A city council meeting and presentation is planned for June but is unlikely because of the pandemic. The next meeting with consultant and city staff is planned for June with no date and time set.
- MD (Frederick County): Complete except for final presentation to the County Board.
- MD (City of Frederick): Draft report is complete and will be presented to the Board of Aldermen when space on their agenda permits.
- MD (City of Gaithersburg): Contractor collected the comments from the resident survey and started drafting the report.
- MD (City of Greenbelt): The consultant provided meeting minutes from the 15% Concept Design Review stakeholder meeting on May 6. Next steps include: developing the 30% design and report; stakeholder review; finalizing and presenting the design to City Council and the advisory board.
- MD (Montgomery County): The consultant incorporated staff comments into the Task 2 memo. The consultant continued work on the combined Tasks 3 and 5 deliverables, which will be presented to staff on June 18.
- MD (City of Takoma Park): Currently, the consultants are preparing their final report and recommendations for the Bus Stop Accessibility Inventory. I expect them to send it to us by next week. In May, the consultants presented their findings and recommendations to our City Council and we had a final check in meeting.
- VA (Arlington County): In May Toole Design provided meeting notes and asked interested parties to provide further opinions on preference on project design options. Final report to come.
- VA (Fairfax County): Progress conference call May 18. Currently awaiting comments from FC DOT on the Technical Report
- VA (City of Falls Church): Project on hold due to COVID-19.
- VA (City of Manassas): The consultant continued work on finalizing the concept design for the project.
- VA (Prince William County): The final report was drafted and circulated for comments.

Task 10	BUDGET	Billed this month	% Funds Expended	UPWP Page
TPB SUPPORT AND MANAGEMENT	\$870,451	\$51,160	73%	57

10. TPB 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 and day-to-day management of and allocation of staff and financial resources
- Monitoring of all work program activities and expenditures.

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

- State Technical Working Group (STWG)
- TPB Technical Committee
- TPB Steering Committee
- COG Board Meeting
- Transportation Planning Board (TPB)
- MATOC Steering Committee
- TPB Citizens Advisory Committee (CAC)

Support activities from the administrative staffs included: meeting logistics with meeting rooms and amenities, duplication and distribution of meeting materials, email/phone call follow ups. Additionally, staff also worked on monitoring work program activities, providing administrative assistance to senior staff and monitoring and prepare financial reports. Additionally, administrative staff work on monthly financial administration and management activity which includes review and finalization of monthly expense reports for all UPWP activities, development and submission of monthly UPWP invoices and any follow up activity with the funding agencies.

The Staff Director provided overall program management oversight to all the Department’s activities. Work activities the Director was involved in during the month of May 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 staffs to review the progress and briefing materials.
- Participation in the STWG, TPB Technical Committee, TPB Steering Committee, TPB’s Citizen’s Advisory Committee and the TPB Board meetings.
- Participation in the bi-weekly meetings of the State Safety Oversight/Metro Safety Commission (SSO/MSO) Policy Work Group meetings. This “tri-state” group is working to reconstitute the existing Metro rail safety oversight Committee to comply with the requirement of the FAST Act.
- Metropolitan Washington Air Quality Committee.

Other additional activities for the TPB Staff Director for the month of May 2020 includes telephone/WebEx/Microsoft Teams Communications:

- Sexual Harassment Prevention Training
- Title VI Training
- Return to COG Offices Discussion and Listening Sessions
- DC Decongestion Pricing & TPB
- MATOC Steering Committee
- COG Gen 3 Model and JHU COVID-19 Model
- Creative Graphics Follow-up – S. Cook
- Regional Safety Study
- Relaunch of Enhanced Travel Monitoring Program
- TAFA and NCTN Update project updates
- LRP Update – SWOT, Visuals
- Scenario Planning Kick-off Meeting

UPWP

The UPWP activities include:

- Supervise the preparation, negotiation, and approval of the annual work program and budget involving the State Transportation Agencies, the TPB Technical Committee, the TPB Technical Committee, the 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	\$1,033,689	\$26,061	56%	59
District of Columbia	\$288,548	\$174,944	61%	59
Maryland	\$384,714	\$3,584	55%	61
Virginia	\$355,427	\$4,731	53%	64
WMATA	\$5,000	\$1,100	56%	67

11. TECHNICAL ASSISTANCE

11.1 District of Columbia

Program Development, Data Requests and Miscellaneous Services

Staff attended the monthly State Technical Working Group / Technical Committee / Steering Committee/ TPB meeting cycle.

In support of the Decongestion Pricing Study, COG/TPB staff met with DDOT staff and the project’s consultant and reviewed information that was previously transmitted what information as well as what additional information may be available to support the project.

In support of ReOpen DC committee, COG/TPB staff transmitted the following TPB's travel demand model outputs to DDOT: Motorized person trip tables, Non-motorized trips, and Vehicles O/D trip data.

Traffic Counts and Highway Performance Monitoring System (HPMS) Support

Staff worked with DDOT staff to plan and participate in the May 27 virtual HPMS Committee meeting. Staff updated the committee on the traffic data development progress for the 2019 HPMS submittal. Staff prepared a summary of the meeting.

Staff finalized the traffic data for the 2019 HPMS submittal. This included computing K/D factors, Single-Unit/Combination-Unit Truck AADT, Peak Hour Truck Percentages, and future year AADT as well as drafting Vehicle summaries and Metadata summaries. In addition, staff reviewed feedback from DDOT on the validation errors from the submittal software and provided explanations and drafted the 2019 DC HPMS submittal letter

Staff reported Facility Type discrepancies on the 2020 DDOT HPMS GIS network to DDOT staff. Staff summarized and analyzed the April 2020 traffic data from PCS, FTMS, and HERE stations and shared the summaries with DDOT staff for field inspection purposes.

11.2. Maryland

Program Development, Data Requests, and Miscellaneous Services

Staff attended the monthly State Technical Working Group/Technical Committee/Steering Committee/TPB meeting cycle.

Feasibility/Special Studies

Traffic Relief Plan (TRP): Staff continued to monitor the project development activities for the MDOT projects related to the Traffic Relief Plan. DTP staff reviewed the Transit Service Coordination Report for the I-495/I-270 Managed Lanes Study and provided feedback to the project team.

Transportation / Land Use Connections Program

As part of the Transportation/Land-Use Connections Program, five technical assistance projects in Maryland were fully or partially funded through the Maryland Technical Assistance Program. See TLC item above for further details about the TLC Program.

MARC-VRE Run Through Analysis

Staff and the consultant delivered a presentation about the project and draft findings to the TPB Technical Committee. Following this meeting, staff summarized the agenda item, including comments from Committee members. Staff also followed up with WMATA to discuss questions about the potential impact from run-through service to Metrorail ridership.

Staff, the consultant, and representatives from MARC and VRE delivered a presentation about the project and draft findings to the TPB. Staff updated the slides for the TPB in response to a few comments received from the TPB Technical Committee. In support of the presentation to the TPB, staff also developed a memo providing background information about the project.

Staff reviewed and provided comments on the draft Executive Summary. The consultant sent the Executive Summary to Technical Advisory Committee members for their feedback.

Staff completed an article about this project which was featured on TPB News.

Staff coordinated with the Plan Development Team staff to determine when and how to bring this project to the Citizens Advisory Committee.

11.3. Virginia

Program Development, Data Requests, and Miscellaneous Services

Staff attended the monthly State Technical Working Group/Technical Committee/Steering Committee/TPB meeting cycle.

Travel Monitoring and Survey

Staff met with VDOT staff, addressed their comments and finalized the report on the fall 2019 non-motorized counts. The report and associated data were delivered to VDOT.

Sub-Regional Planning Study

Staff, along with VDOT representatives, reviewed and accepted a proposal from on-call planning consultant for the Park FY 2020 and FY 2021 Park and Ride Study. After the notice to proceed was issued, staff worked with the consultant to identify a time for the kick-off meeting.

MARC-VRE Run Through Analysis

This project is funded by Maryland and Virginia, please see the description under Maryland.

Transportation / Land Use Connections Program

As part of the Transportation/Land-Use Connections Program, three technical assistance projects in Virginia were fully or partially funded under the Virginia Technical Assistance Program. See TLC item above for further details about the TLC Program.

11.4. Regional Transit/Wmata

Program Development

Staff attended the monthly State Technical Working Group/Technical Committee/Steering Committee/TPB meeting cycle.

CONTINUOUS AIRPORT SYSTEM PLANNING

Comprehensive Regional Air System Plan Update – Phases 2 and 3

In coordination with the Metropolitan Washington Airports Authority (MWAA), and the Maryland Aviation Administration (MAA), staff also continued work on Phase 3, including reviewing the most recent CASP. Ground Access Element Update and the Visualize 2045 project list.

Process 2019 Air Passenger Survey - Phase 1

COG staff continued the analysis of the 2019 Washington-Baltimore Regional Air Passenger Survey (APS), including:

- Presenting the 2019 APS General Findings Report to the TPB Technical Committee and the TPB Travel Forecasting Subcommittee.
 - Preparing to begin the geocoding process.
-

PROGRESS TOWARD REPORTS AND PLANS

2019 State of Public Transportation Report

- Work to begin in December 2019.
- Estimated completion June 2020.

Congestion Management Technical Report

- Information compilation and report development continued.

- The final draft report was completed May 2020, finalization by July 2020.

Big Data in Regional Travel and Mobility Analyses

- Completed kick-off meeting and second meeting with the Study Working Group.
- Consultant completed the State-of-the-Practice review (Task 2).
- The consultant drafted the methodology for the Big Data Evaluation (Task 3).
- The consultant drafted the final report.
- Estimated completion June 2020.

VRE-MARC RUN THROUGH SERVICE

- The results of the study were shared with the Regional Public Transportation Subcommittee.
- Completed four meetings with Technical Advisory Committee.
- Consultant completed background research (Task 2).
- Consultant completed identifying the travel sheds (Task 3.1).
- Consultant received critical inputs and continued work on evaluating travel demand (Task 3.2).
- Consultant shared the approach to identify Operational and infrastructure Constraints (Task 3.3).
- Consultant prepared the draft report and made updates based upon feedback from the TAC (Task 4).
- Consultant prepared the draft executive summary and requested feedback from the TAC (Task 4).
- Consultant presented the project findings to the TPB Technical Committee and TPB (Task 4).
- Estimated completion June 2020.

Public Participation Plan

- Continued internal discussions on key inputs (e.g., federal regulations, federal certification review, consultant evaluation of TPB public participation, plans of other MPOs).
- Synthesized proposed changes for the new plan.
- Prepared for receiving additional input.
- Estimated completion: September 2020.

Station Access Study

- Synthesized input received and revised the list of Transit Access Focus Areas, which was released in draft form on June 5.
- Estimated completion: July 2020.

Performance Based Planning and Programming

Highway Safety

- Deliver Regional PBPP Safety Targets.
- Data compilation and analysis begun September 2019.
- Completed December 2019.

Transit Asset Management

- Deliver Regional PBPP Transit Asset Targets.
- Data compilation began in November 2019.
- Completion anticipated February 2020.

Safety Study

- Deliver Regional Safety Study Findings and Recommendations.

- Contract signed May 2019.
 - Contract modified and extended in February 2020
 - Estimated completion November 2020.
- System Performance – National Capital Region Freight Plan

- The National Capital Region Freight Plan was approved by the TPB in July 2016
- Traditionally the plan is updated every five years
- The current plan is anticipated to be approved by the TPB in 2021

BRT land use and service standards document

- No action pending WMATA Bus Transformation Project outcome.

Bicycle and Pedestrian Plan

- The plan is deferred to FY 2021, in order for the Nation Capital Trail project, which is a prerequisite, can be completed.
- Completion anticipated FY 2021.

National Capital Regional Trail

- A draft of the National Capital Trail Network map was presented to the TPB Technical Committee in February 2020.
- Revision activities continued in response to Technical Committee comments; a revised network map was, and memorandum was prepared for the June TPB Technical Committee meeting read-ahead package.
- Completion of draft map anticipated June 2020.

Regional Curbside Management Forum

- Work to begin December 2019.
- Virtual forum scheduled for June 22, 2020.

Metropolitan Washington Regional Intelligent Transportation Systems Architecture (MWRITSA)

- No milestones to report for this period.
- The most recent MWRITSA full update was posted on the TPB website in July 2019. Minor adjustments and updates are anticipated by June 2020.

Coordination Human Services Transportation Plan

- The current Coordinated Plan was adopted by the TPB in December 2018.
- TPB approved the projects recommended for funding on January 22 meeting.
- The next Enhanced Mobility Solicitation will be in Spring/Summer 2021.
- The next update of the Coordinated Plan will occur in 2022

FY 2021-2024 Transportation Improvement Program (TIP)

- Approval anticipated March 18, 2020.

Visualize 2045

- 2020 Amendment anticipated March 18, 2020.
- The Long-Range plan was adopted by the TPB on October 17, 2018.
- Staff remain engaged in promoting the aspirational element of the plan.
- The next update to the plan is anticipated in FY 2022.

**FY 2020 TRANSPORTATION PLANNING BOARD
COG/TPB BUDGET EXPENDITURE SUMMARY**

May 2020

	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	942,493.00	623,935.60	65,522.79	66%
SUBTOTAL	942,493.00	623,935.60	65,522.79	66%
2. Transportation Improvement Program				
Transportation Improvement Program	263,982.00	211,204.30	17,991.33	80%
TIP Database Support	170,000.00	74,502.00	0.00	44%
SUBTOTAL	433,982.00	285,706.30	17,991.33	66%
3. Planning Elements				
Congestion Management Process	438,020.00	360,485.24	26,753.70	82%
Systems Performance, Ops & Tech Planning	559,650.00	426,186.94	36,296.96	76%
Transportation Emergency Preparedness Planning	132,594.00	98,896.54	6,883.20	75%
Transportation Safety Planning	298,785.00	184,389.84	28,676.16	62%
Bicycle & Pedestrian Planning	141,278.00	134,302.26	13,703.33	95%
Regional Public Transportation Planning	197,516.00	160,891.99	14,311.92	81%
Freight Planning	222,293.00	157,761.96	20,116.22	71%
Metropolitan Area Transportation Operation Coord Program Planning	164,580.00	136,254.21	9,794.72	83%
Performance-Based Planning & Programming	304,526.00	265,661.46	27,456.14	87%
SUBTOTAL	2,459,242.00	1,924,830.44	183,992.35	78%
4. Public Participation				
Public Participation	1,013,150.00	714,751.53	89,368.75	71%
SUBTOTAL	1,013,150.00	714,751.53	89,368.75	71%
5. Travel Forecasting				
Software Support	131,295.00	129,109.36	20,413.14	98%
Network Development	678,578.94	717,405.41	65,194.60	106%
Model Development	1,197,329.00	1,128,977.76	142,945.92	94%
SUBTOTAL	2,007,202.94	1,975,492.54	228,553.66	98%
6. Mobile Emissions Planning				
Air Quality Conformity	912,462.00	682,746.93	60,162.39	75%
Mobile Emissions Analysis	1,090,464.00	659,499.33	61,533.47	60%
SUBTOTAL	2,002,926.00	1,342,246.26	121,695.87	67%
7. Travel Monitoring and Data Programs				
Regional Travel Survey	645,208.00	599,514.90	30,704.37	93%
Traffic Analysis & Research	308,964.00	184,294.07	33,167.13	60%
Regional Transportation Data Clearinghouse	304,937.00	255,956.80	27,851.90	84%
GIS Analysis	582,249.00	453,176.98	62,653.50	78%
SUBTOTAL	1,841,358.00	1,492,942.75	154,376.90	81%
8. Planning Scenarios and Socioeconomic Forecasting				
Socioeconomic Forecasting	825,094.00	643,278.15	74,163.92	78%
Scenario Planning	245,627.00	75,336.22	37,643.20	31%
SUBTOTAL	1,070,721.00	718,614.37	111,807.12	67%
9. Mobility and Enhancement Programs				
Transportation and Land Use Connections Program	500,746.00	252,848.02	30,014.39	50%
Enhanced Mobility Grant Program	101,809.00	116,840.80	10,446.65	115%
Transportation Alternatives Set-Aside Programs	59,141.00	52,044.18	4,595.11	88%
SUBTOTAL	661,696.00	421,733.00	45,056.15	64%
10. TPB Support and Management				
TPB Support and Management	870,451.00	634,790.80	51,160.52	73%
SUBTOTAL	870,451.00	634,790.80	51,160.52	73%
SUBTOTAL CORE PROGRAM ITEMS 1-10	13,303,221.94	10,135,043.58	1,069,525.43	76%
TECHNICAL ASSISTANCE				
District of Columbia Technical Assistance	288,548.00	174,944.03	16,644.06	61%
Maryland Technical Assistance	384,714.00	212,733.93	3,584.53	55%
Virginia Technical Assistance	355,427.00	189,488.50	4,731.71	53%
WMATA Technical Assistance	5,000.00	2,935.70	1,100.88	59%
Technical Assistance Program Total	1,033,689.00	580,102.17	26,061.17	56%
TPB GRAND TOTAL	14,336,910.94	10,715,145.75	1,095,586.61	75%

**FY 2020 TRANSPORTATION PLANNING BOARD
FINANCIAL STATUS OF TECHNICAL ASSISTANCE**

May 2020
SUPPLEMENT 1

	TOTAL AUTHORIZED BUDGET	TOTAL EXPENDITURES	FTA/STA/LOC AUTHORIZED BUDGET	FTA EXPENDITURES	PL FUNDS/LOC AUTHORIZED BUDGET	FHWA EXPENDITURES
A. District of Columbia Technical Assistance						
Program Development & Misc	10,000.00	7,332.87	2,286.13	1,676.39	7,713.87	5,656.47
Traffic Counts & HPMS Support	235,000.00	167,611.17	53,724.16	38,318.17	181,275.84	129,293.00
Other Tasks	43,548.00	0.00	9,955.66	0.00	33,592.34	0.00
SUBTOTAL	288,548.00	174,944.03	65,965.96	39,994.56	222,582.04	134,949.47
B. Maryland Technical Assistance						
Program Development & Misc	15,000.00	7,876.02	3,429.20	1,800.57	11,570.80	6,075.46
Planning Studies	50,000.00	24,772.68	11,430.67	5,663.37	38,569.33	19,109.31
Feasibility/Special Studies	21,585.00	366.96	4,934.62	83.89	16,650.38	283.07
Transportation Performance Measures	0.00	0.00	0.00	0.00	0.00	0.00
Training, Misc and Tech Support	0.00	0.00	0.00	0.00	0.00	0.00
Transportation/Land Use Connection Program	259,714.00	142,854.11	59,374.12	32,658.37	200,339.88	110,195.74
0.00	0.00	0.00	0.00	0.00	0.00	0.00
MARC - VRE Runthrough - MD	38,415.00	36,864.16	8,782.19	8,427.64	29,632.81	28,436.52
SUBTOTAL	384,714.00	212,733.93	87,950.80	48,633.84	296,763.20	164,100.09
C. Virginia Technical Assistance						
Program Development & Misc.	17,492.00	8,155.93	3,998.91	1,864.56	13,493.09	6,291.38
Travel Monitoring	78,674.00	77,902.68	17,985.94	17,809.60	60,688.06	60,093.08
Travel Demand Modeling	0.00	0.00	0.00	0.00	0.00	0.00
Sub-regional Planning Studies	63,000.00	1,147.12	14,402.65	262.25	48,597.35	884.87
Other Tasks	0.00	0.00	0.00	0.00	0.00	0.00
Transportation Land Use Connections	157,853.00	65,551.88	36,087.32	14,986.04	121,765.68	50,565.84
MARC - VRE Runthrough - VA	38,408.00	36,730.89	8,780.59	8,397.18	29,627.41	28,333.72
SUBTOTAL	355,427.00	189,488.50	81,255.40	43,319.62	274,171.60	146,168.88
D. WMATA Technical Assistance						
Program Development & Misc	5,000.00	2,935.70	5,000.00	2,935.70	0.00	0.00
Other Tasks	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL	5,000.00	2,935.70	5,000.00	2,935.70	0.00	0.00
GRAND TOTAL	1,033,689.00	580,102.17	240,172.16	134,883.73	793,516.84	445,218.44