

# FY 2020



National Capital Region  
**Transportation Planning Board**

**Work Program Progress Report**

**January 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. The TPB Work Program Progress Report provides a short summary of each activity for the month of January. 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.

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

Task 1	BUDGET	Billed this month	% Funds Expended	UPWP Page
LONG RANGE TRANSPORTATION PLANNING	\$1,002,493	\$33,765	37%	29

**1. LONG-RANGE TRANSPORTATION PLANNING**

**1.1 Long-Range Transportation Plan**

Staff that manages long-range plan activities continued refining an approach, a schedule, an outline, and a workplan for the next quadrennial plan update that is expected to be approved in 2020. Staff continued coordinating with other DTP staff to conceptualize planning activities that will inform the next range plan. Staff define an approach to increase the robustness of TPBs evaluation of federal performance factors such as resiliency, and of other impacts on the transportation system such as new transportation technologies (future factors). Staff began advancing a project to review and update performance measure used to evaluate the long-range plan (constrained element). 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.

Staff also continued to coordinate the implementation of activities related to the aspirational initiatives in Visualize 2045. Staff continued to schedule and conduct site visits to engage with the TPB member local governments and independent transit agencies to encourage and support them in promoting projects, programs and policies that advance the Aspirational Initiatives. By the end of January, staff had met with more than eighty percent of the TPB member jurisdictions. Staff developed packages for each December meeting including printed materials to be shared with the members during site visits, including Visualize 2045 Aspirational Initiatives brochures, TPB Policy Framework summaries, MPO 101 handouts and agendas. Staff also continued to share a summary memorandum for each jurisdiction of the Visualize 2045 geographically based comments and created online folders to share GIS files and digital copies of these memorandums. Staff also developed for internal staff use a series of profile packets that includes information such as latest demographic and employment information, and local planning documents. These packets are for review by the staff that are conducting these visits.

**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.

**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 continued to work on the development of a list of priority locations for ped/bike improvements that will be called Transit Access Focus Areas (TAFAs). In the final months of 2019, staff met with jurisdiction staff to share the methodology and preliminary analysis that identified a preliminary list of TAFAs. In January, staff worked on processing the input received in that outreach to determine next steps.
- 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 was prepared and was presented in January to the Bicycle and Pedestrian subcommittee, which approved the network
- 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.

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	\$10,246	44%	31

**2. TRANSPORTATION IMPROVEMENT PROGRAM**

**2.1 Transportation Improvement Program (TIP)**

At its meeting on December 6, the TPB Steering Committee approved two resolutions to amend the FY 2019-2024 TIP. The first amendment was requested by the Virginia Department of Transportation to include advanced construction and P3 funding for the I-95 SB Auxiliary Lane between RTE 123 and RTE 294 project; revenue sharing funds for the Boundary Channel Drive at I-395 Interchange project; and to adjust National Highway Performance Program (NHPP) and Surface Transportation Block Grant (STBG) funding levels on three: TIP Grouping projects: ...for Preventative Maintenance and System Preservation, ...for Preventative Maintenance for Bridges, and ...for Maintenance: Traffic and Safety Operations. The second amendment was requested by the Maryland Department of Transportation on behalf of Frederick County to add Highway Bridge Replacement and Rehabilitation program and local funds for a grouped project for the study, design, right-of-way acquisition, construction and inspection of various bridges in Frederick County.

TPB staff processed administrative modifications for five projects as requested by DDOT and one project requested by Frederick County.

On January 16 TPB staff hosted a Public Forum on the FY 2021–2024 TIP. The forum was attended by approximately 30 people and began with a 30-minute open house where attendees had access to posters and handouts, as well as staff representatives from the DDOT, MDOT, VDOT, and WMATA. The open house was followed by a short presentation on the development of the FY 2021–2024 TIP given by TPB Staff and a question and answer period.

TPB staff developed draft funding tables for the FY 2021–2024 TIP in order to review with staff from member agencies to and provide QAQC. Staff worked with member agencies to accommodate project data that was submitted after the December 2019 deadline. Staff worked on the development of the TIP document including the introduction, a revised PBPP section and new funding tables for Fiscal Years 2021–2024.

In preparation for the comment period, staff prepared a public notice that was published on January 31 in three newspapers (the Afro-American, Washington Hispanic, and Washington Post) and in an email notice. The project and financial tables were posted along with the 2020 amendment to Visualize 2056, and the results of the air quality conformity analysis on the TPB’s public comment page. The public comment period commenced on Friday, January 31, 2020.

## **2.2 TIP Database support**

Work was completed on data import and validation, and customization for the LRP, TIP and Conformity modules. Data collection for the GIS module began, and work began on the obligation, reporting, and call for projects modules. EcoInteractive worked with TPB staff to define the scope of the bicycle and pedestrian plan module. A demonstration of how the system functions with actual data on existing projects was provided to a wider group of TPB staff.

---

Task 3	BUDGET	Billed this month	% Funds Expended	UPWP Page
PLANNING ELEMENTS	\$2,850,810	\$118,187	42%	33

## **3. PLANNING ELEMENTS**

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

Staff continued the review of options for the incorporation of performance-based planning elements in the Project Info Track database.

Staff drafted input for the 2021-2024 TIP, including a chapter on PBPP for the TIP document. Staff attended the TIP Forum to answer citizen questions on PBPP. Staff submitted letters documenting the region's highway safety targets approved in December to the three State DOTs.

Staff completed the collection of data for the 2020 regional Transit Asset Management targets, completed the report, and delivered presentations to the TPB and the TPB Technical Committee.

### **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. A draft is anticipated by April 2020 with a final draft expected to be finalized by June 2020.

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

Staff continued planning for FY 2020 TPB forums on connected and autonomous vehicles (CAV). Staff also participated in the Transportation Research Board Annual Meeting from January 12-16 and the I-95 Corridor Coalition Emerging Technologies in Transportation Management Webinar on January. These events happened in conjunction with SPOT planning.

Staff reports no major 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.

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

The regularly scheduled January 8 meeting of the Transportation Emergency Preparedness Committee (R-ESF 1) was organized and conducted by conference call, discussing current regional transportation emergency preparedness issues.

Staff continued to provide technical advice to ongoing COG stakeholder outreach following the November 2018 completion of the Traffic Incident Management Enhancement (TIME) Task Force, Initiative, and recommendations report.

### **3.5 Transportation Safety Planning**

Staff partnered with the consultant team to develop and present to the Technical Committee (January 10) and to the Citizens Advisory Committee (January 16) an update of the findings to date of the regional roadway safety study.

Staff coordinated with the City of San Antonio, TX on their presentation of the 2018 “Safest Driver Contest” in that city to the Technical Committee at their January 10 meeting.

For the Analysis of Regional Roadway Safety Outcomes study, TPB and consultant staff reviewed the results of the three “deep dive” analyses on pedestrians, intersections, and major arterials. Consultant staff continued both network screening and crash data analysis.

The Regional PBPP Safety Targets were completed in December 2019. For the Regional Safety Study findings and recommendations, staff reviewed and provided feedback on consultant provided draft input toward findings and recommendations. Completion is anticipated for June 2020.

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

On January 21 the Bicycle and Pedestrian Subcommittee endorsed the expanded National Capital Trail Network for review by the TPB Technical Committee. The Subcommittee was briefed on the update of the Bicycle and Pedestrian Plan for the National Capital Region, a follow-on action to the National Capital Trail Network. The Subcommittee was also briefed on the results for Alternate Mode Options in the COG 2017/2018 Regional Travel Survey.

Staff attended or participated in the following January 2020 events that support current future Bicycle and Pedestrian planning Efforts: Transportation Camp Conference on January 11, the Transportation Research Board Annual Meeting on January 12-16, Capital Trails Coalition Steering Committee meeting on January 23, and the New Design Road Side Path Phase 1 meeting on January 29 by conference call.

Work continued the Visualize 2045 Aspirational Initiative “Expand the National Capital Regional Trail,” with completion anticipated in February 2020. Staff continued work on the Regional Bicycle and pedestrian Plan Update. Activity on the plan is anticipated subsequent to the expand the National Capital Regional Trail project, for information from the effort to be included in the plan update. The competition is anticipated in June 2020.

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

The Regional Public Transportation Subcommittee met in January. External presentations included NVTC on TBEST service planning modeling for Alexandria and Fairfax and WMATA on their Ridership Data Portal. TPB staff gave presentations on regional technical assistance for fiscal year 2021, the development of the 2019 state of public transportation report, and the 2020 transit asset management targets.

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

The regularly scheduled January 9 meeting of the TPB Freight Subcommittee was organized and conducted, discussing the context for truck route and restriction networks as well as a review of the City of Baltimore’s recent work to update its truck route system.

Staff continued development of ideas and themes for the Regional Curbside Management Forum. Completion is anticipated June 2020.

### ***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.

The regularly scheduled January 10 meeting of the MATOC Steering Committee was organized and conducted, continuing discussion of communications, coordination, and Traffic Incident Management topics.

The January 14 meeting of the MATOC Severe Weather Coordination Working Group was organized and conducted at Montgomery County Department of Transportation facilities in Gaithersburg, Maryland, discussing ongoing winter weather operations and coordination.

The January 23 joint meeting of the MATOC Operations Subcommittee and MATOC Transit Task Force was organized and conducted at MATOC offices in College Park, Maryland, discussing ongoing operations issues and recent incidents.

---

Task 4	BUDGET	Billed this month	% Funds Expended	UPWP Page
PUBLIC PARTICIPATION	\$1,013,150	\$44,323	40%	39

**4. PUBLIC PARTICIPATION**

**4.1 Public Participation and Outreach**

The TPB’s annual forum on the Transportation Improvement Program (TIP) was held on January 16 in conjunction with the monthly meeting of the Citizens Advisory Committee (CAC). The TIP Forum, which lasted from 5:30 to 7:00, featured open house displays from the state departments of transportation and WMATA, and a PowerPoint presentation by TPB staff on the FY 2021-2024 TIP.

The CAC held its regular monthly meeting from 7:00 to 8:00 p.m. on January 16 following the TIP Forum. This was the last meeting of the 2019 committee. The committee received a presentation on a safety study that a consultant is conducting on behalf of TPB staff. The committee also discussed its end-of-the-year report.

TPB staff implemented an interim plan for CAC membership and organization in 2020. Because the CAC’s organizational structure will be revised later in 2020, a decision was made to maintain the same committee membership for 2020.

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 conducted a peer exchange forum for the Transportation Land-Use Connections (TLC) Program on January 13.

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.

**4.2 Communications**

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

- “A Brief Recap of the TPB Meeting”; January 30, 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	\$3,140,203	\$105,341	36%	41

## **5. TRAVEL FORECASTING**

### **5.1 Network Development**

Network development staff coordinated with the GIS team as they updated the interactive map on the COG website that reflects projects in the Long-Range Transportation Plan (LRTP). Highway and transit project additions and changes associated with the 2020 amendment are reflected in the on-line map.

Staff researched details on Montgomery County Bus Rapid Transit (BRT) routes in the region's LRTP for a meeting between the DTP Director and the Montgomery County Chamber of Commerce.

Staff attended the first in a series of 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.

Staff began development of the 2019 base-year transit network files. This work included manual calculation of bus runtimes and headways for transit service providers not in the General Transit Feed Specification (GTFS) data.

Staff finalized a memo, dated January 6, entitled "MPO Survey of Network Management Practices." Staff is currently updating the 2020 network documentation.

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

The Travel Forecasting Subcommittee (TFS) meet on January 24. The agenda include the following items:

1. Updates to the TPB's travel demand forecasting models: Gen2/Ver. 2.3.84 Model
  - a. Recent calibration of the nested-logit mode choice model
  - b. Validation and sensitivity testing
2. Transportation Research Board (TRB) 99<sup>th</sup> Annual Meeting: Post-meeting discussion
3. Updates to the TPB's travel demand forecasting models: Gen3 Model
  - a. Introduction to RSG
  - b. Recent developments
  - c. Assembly of list of recent transit on-board surveys

TPB staff presented under all three items. The next TFS meeting is scheduled for March 20.

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

The Ver. 2.3.78 Model is being used in the air quality conformity analysis. It is expected that the results of the air quality conformity analysis will be presented to the TPB in February, with possible adoption in March 2020, at which point the Ver. 2.3.78 Model would become the adopted, production-use model.

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

Staff presented the recent calibration of the nested-logit mode choice model as part of the Gen2/Ver. 2.3 Model development work at the January 24 TFS meeting. Staff conducted a comprehensive



validation and sensitivity testing for the Gen2/Ver. 2.3.84 Model and presented the results at the January 24 TFS meeting.

Staff also conducted a series of additional sensitivity tests to examine the directionality of change in regional VMT in response to link-level capacity expansion. The sensitivity testing results led to an extra model change in trip distribution which will be incorporated in the subsequent Ver. 2.3.85 Model.

### **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, in January, staff did the following:

- Staff held two check-in meetings with RSG and BMG, the consultants on the Gen3 model development project. One was an in-person meeting on January 16 and the other was a teleconference held on January 30.
- Staff tested an online cloud storage service, known as Box, and set up shared folders in Box for Gen3 Model development.
- Staff reviewed options for upgrading memory (RAM) in one of the travel model servers (tms8), got quotes from a vendor, and proceeded with a purchase.
- Staff assembled information about recent transit on-board transit surveys, presented the status of the effort to the TFS on January 24, briefed the Regional Public Transportation Subcommittee (RPTS) on January 28, and shared the list with the consultant on January 30.
- Staff reviewed the draft Project Management Plan (PMP), which is one of the deliverables for Task Order 1.
- Staff reviewed a proposal for Task Order 2.
- Staff made a data request to MTA for the 2016 MARC Origin-Destination Survey.
- Staff investigated the implementation of Cube Public Transport (PT), the transit path-building software used in the developmental Ver. 2.5 Model, in consideration of converting the transit modeling program from Cube TRNBUILD to Cube PT in the Gen3 Model. The investigation is still ongoing.
- Staff conducted three self-study discussion sessions based on the first three Travel Model Improvement Program (TMIP) webinars on activity-based models (ABMs) that were first offered in 2012.

### **Other activities**

Data requests and model support: Staff serviced four data requests in January, including from Maryland SHA, Loudoun Co., and consultants working for DDOT. Many of these requests were based on production-use modeling data, including the Ver. 2.3.75 Travel Model loaded highway networks in Cube/shapfile format and Silver Line ridership estimates for Phase 1 and Phase 2.

Staff participated in the 99th Annual Meeting of the Transportation Research Board (TRB), held from January 12-16 in Washington, D.C.

Two staff participated in the TransAction Modeling Working Group Meeting on January 29, to assist the Northern Virginia Transportation Authority (NVTA) plan out its next upgrade to its travel demand forecasting methods.

Task 6		Billed this month	% Funds Expended	UPWP Page
MOBILE EMISSIONS PLANNING	\$1,978,852	\$76,608	40%	45

## **6. MOBILE EMISSIONS PLANNING**

### **6.1 Air Quality Conformity**

Upon completion of the network development process, DTP staff conducted and reviewed travel demand and emissions modeling processes for the analysis year 2045, therefore concluding the modeling-related activities for the 2020 Amendment to Visualize 2045. DTP staff briefed the TPB Technical Committee on the project status (Other Business).

Staff completed the Summary Report for the Air Quality Conformity Analysis of the 2020 Amendment to Visualize 2045 and released it for public comment on January 31, 2020. Staff continued to compile the full air quality conformity report. This work includes development of graphs and charts to document the inputs and outputs of the conformity analysis.

DTP staff transmitted conformity MOVES files for the 2040 and 2045 analysis years to the Department of Environmental Programs (DEP) staff for review.

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

### **6.2 Mobile Emissions Analysis**

DTP staff continued working closely with COG's DEP staff on development of the base-year emissions inventory submittal to the EPA as part of the 2015 ozone National Ambient Air Quality Standards (NAAQS) requirements. On the Metropolitan Washington Air Quality Committee Technical Advisory Committee (MWAQC-TAC) call, the committee members reviewed a draft 2017 Base-Year Emissions Inventory report (item #2).

MWAQC-TAC committee members were notified of the Advanced Notice of Proposed Rulemaking (ANPRM) by the EPA on the agency's Cleaner Trucks Initiative (CTI), to establish new emission standards for NOx and other pollutants for heavy-duty trucks (item #6). DTP and DEP staff are preparing a comment letter to be signed jointly by the TPB and MWAQC.

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. In support of the University of Maryland's Transportation Energy Analytics Dashboard project, whose goal is to develop a tool to estimate real-time energy use, DTP staff provided decoded and processed vehicle registration data to the university.

DTP management and staff, along with DEP staff and COG's executive office representatives, coordinated activities with our members, as well as with other regional councils (COGs) and metropolitan planning organizations (MPOs) regarding the Transportation and Climate Initiative (TCI). Specifically, COG/DTP staff hosted a convening of MPOs and COGs from the thirteen TCI member jurisdictions at the Metropolitan Washington Council of Governments on January 16. The meeting attendees discussed potential implications of the program on their respective COGs and MPOs.

DTP staff informed both the TPB Technical Committee (Other Business) and the TPB (Director's Report) of the recently released Draft Memorandum of Understanding of the Transportation and Climate Initiative (released on December 17, 2019). The TPB was also informed about the staff's recent work related to the greenhouse gas planning activities in a memorandum called Activities to Address Greenhouse Gas Emissions in Transportation Sector, also included in the Director's Report

DTP staff attended the Climate Energy and Environment Policy Committee (CEEPC) meeting, which adopted a resolution in support of TCI (item #3). A derivative resolution will also be considered by the COG Board of Directors in February.

---

Task 7	BUDGET	Billed this month	% Funds Expended	UPWP Page
TRAVEL MONITORING AND DATA PROGRAMS	\$2,458,858	\$78,015	34%	47

## **7. TRAVEL MONITORING AND DATA PROGRAMS**

### ***7.1 Regional Travel Survey***

For the January 2020 reporting period, the key tasks were focused on RTS data processing. COG/TPB staff continued to edit the trip files in the RTS.

COG/TPB staff presented findings from a new set of questions from the recruitment questionnaire focusing on the use of alternative travel options that reduce single-occupancy vehicle (SOV) travel at the January meeting of the TPB Bicycle and Pedestrian Subcommittee.

COG/TPB staff also met with RSG to discuss the final deliverables for the 7-Day Panel Survey using a GPS smartphone app that was conducted in October and November 2019.

Staff met with the Travel Forecasting Emissions Analysis Team to discuss what files and datasets might be available to share with the consultant developing the Gen3 Model Development. Staff also prepared a draft confidentiality agreement to be signed by Gen3 Model Development consultant and subconsultant staff prior to using data from the RTS.

Staff evaluated changes proposed by the Baltimore Metropolitan Council to the Memorandum of Agreement which will establish parameters to share data collected by BMC and COG for the Maryland Travel Survey while protecting confidential information.

Staff also reviewed and updated the survey release plan.

Upon request, staff provided a copy of the questionnaire used for the 7-day panel survey to Arlington County.

Staff participated the Transportation Research Board's Travel Survey Methods Committee Annual Meeting.

### ***7.2 Traffic Analysis Studies, and Research***

Staff conducted web research on various platforms and styles used by other MPOs to share travel trend information. Staff prepared a summary memo and scheduled a conversation with staff San Francisco's Metropolitan Transportation Commission about their Vital Signs, a dashboard used to share historical trends for a series of indicators in the San Francisco Bay Area.

Staff developed a memo summarizing traffic monitoring projects that were performed for the TPB's UPWP Core Program between 1992 and 2017.

Staff reviewed metadata used to document the 2012-2016 CTPP Flow Matrix Tables in the Regional Transportation Data Clearinghouse. Staff also coordinated with GIS staff to add the High Capacity Transit Station Area and TAZ table to TPB's spatial data library (also known as the G Drive).

Staff responded to and provided input on the notes from site visits for the Station Access project.

Upon request by the City of Alexandria, staff provided the estimated 2018 daily vehicle miles traveled for the City.

Upon request by Department of Community Planning and Services, staff began gathering information and preparing input for a COG Region Forward update.

Staff provided information to the Denver Regional Council of Governments about COG/TPB awareness about the US Census and its Differential Privacy policy.

Staff continued to coordinate with WMATA on obtaining 2018 Bus Survey raw data.

Staff participated in a workshop about the University of Minnesota's Accessibility Observatory National Accessibility Evaluation project.

Staff participated in a meeting focused on documentation and training requirements for vehicle probe data.

Staff participated in the Urban Land Institute's January Next Program which focused on emerging technology and data innovations.

Staff participated in a UPWP Program/Project Brainstorming session for FY 2021 that was organized by the Plan Development and Coordination team.

Staff suggested a few ideas for the bi-annual Mid-Atlantic Regional Planning Roundtable which will be hosted to COG.

### **Big Data in Regional Travel and Mobility Analyses**

During this time period, the consultant (Kimley Horn) reached out and encouraged agencies to respond and complete follow-up phone interviews for the state-of-the practice review and survey.

The consultant also drafted the evaluation methodology, the technical memo for Task 2 (State-of-the-practice review), and the agenda for the Study Working Group Meeting 2.

Staff and the consultant met regularly and scheduled the second Study Working Group Meeting.

### ***7.3 Regional Transportation Data Clearinghouse***

Staff created a file indicating each link that will require review with the Travel Forecasting team and the reasons for that review. These links were identified during the QA/QC process of the update of 2017 AADT by network link.

Staff updated the Traffic Count by Network Link map service layer with data for 2017.

Staff added the dataset "Census Transportation Planning Products (CTPP) - County to County Flow by Means of Transportation (2012 - 2016)" to the RTDC.

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

### ***7.4 GIS Data, and Analysis***

Staff planned and participated in the GIS Committee/GDX Working Group meeting on January 21. Highlights of the meeting included: status reports on the NCR-GDX and NextGen 9-1-1, a presentation on the overhaul of HSEMA's WEBEOC, and an initial discussion of priority interest areas for the Committee in calendar year 2020.

Staff attended the Bicycle and Pedestrian Subcommittee meeting held on January 21 and gave a presentation on the draft map of the TPB National Capital Trail network.

Staff completed an update of the Visualize 2045 constrained conformity network of projects web map and application in support of the public comment period for the 2020 amendment to the long-range plan. Staff created accompanying content for the COG website and provided handoff to the Plan Development and Coordination team.

Staff met with the Planning Data & Research director to discuss requirements for developing spatial data and related products to support the COG Board initiative "Transit-Oriented Communities: A 2020 COG Board Focus." Staff began data development and the work is ongoing.

Staff completed work on a map requested by COG’s Executive Director on behalf of the Northern Virginia Economic Development Alliance.

Staff continued to meet with Commuter Connections staff as well as their contractor (VHB) to discuss support for transitioning the (CC) web application originally developed by VHB. Staff produced an in-house version of the application and provided specifications to VHB so they could incorporate this new map application into their overall employer outreach application architecture.

Staff began reviewing Census Bureau videos about the PSAP Verification process and navigating the GUPS/PSAP website.

Staff completed a memo detailing proposed coordination between regional transit datasets currently in TPB’s spatial data library (also known as the G Drive) and shared with the Planning Data and Research director for review and comment.

Staff resolved an issue reported by staff from the Department of Environmental Programs (DEP) regarding an issue with data access with spatial datasets in enterprise (SQL Server) databases.

Staff performed software updates for ArcGIS on user desktop workstations, as requested.

Task 8	BUDGET	Billed this month	% Funds Expended	UPWP Page
SCENARIO PLANNING AND SOCIOECONOMIC FORECASTING	\$1,116,639	\$50,868	41%	51

**8. SCENARIO PLANNING AND SOCIOECONOMIC FORECASTING**

***8.1 Scenario Planning***

Staff developed a draft scope of work/task order for consultant services to increase organizational awareness and understanding of scenario planning. Staff requested a few members of the Travel Forecasting and Emissions Analysis Team review and provide input on the draft.

***8.2 Socioeconomic Forecasting***

In January, incoming TPB Chair, Kelly Russell, identified several focus areas for the TPB during her tenure as chair. One of these is to focus on identifying opportunities to support the development of transit-oriented communities. In response, TPB staff developed a work program that identified a series of activities and work products that will support this focus and can be undertaken during the year.

DPCS activities in January to support Cooperative Forecasting focused on continuing work to address the COG Board Housing Targets and research to support updates to the Cooperative Forecasts.

DCPS staff hosted the Cooperative Forecasting and Data Subcommittee on January 14th featuring several topics to support preparation of future updates to the Cooperative Forecasts. The agenda included a presentation from Jeannette Chapman (Stephen S. Fuller Institute) about the Washington region’s Economy in 2019 and Beyond; an overview of a possible subcommittee study topic for 2020 relating to a job density analysis; and a discussion relating to the documentation needs from participating jurisdictions for the Cooperative Forecasts.

Planning Directors Committee (PDTAC) hosted a panel discussion at their January 17th meeting on “Residential Real Estate Developers Perspectives on Impediments to Housing Production” featuring Jamie Weinbaum, Chair, Urban Land Institute (ULI), Mid City; Bob Youngentob, CEO and Co-Founder, EYA; Brian Grant, Senior Vice President, Acquisitions, Equity Residential; Feras Qumseya, Director of Development, Foulger-Pratt; and Yolanda Cole, Senior Principal and Owner, Hickok Cole Architects.

Housing Directors Committee (HDAC) hosted a “Cross-Jurisdictional Peer Exchange” at their January 10th meeting with Minneapolis Housing Director Andrea Brennan, focused on strategies to preserve and produce affordable housing, such as inclusionary zoning, and TOPA (Tenant Opportunity to Purchase Act).

Region Forward Coalition met on January 24 featuring briefings on Connected DMV by Karl Darin, Greater Washington Board of Trade; The Washington Region’s Economy in 2019 and Beyond by Jeannette Chapman, George Mason University Stephen Fuller Institute; and Ensuring the Prosperity of Older Adults by Lisa Govoni, Montgomery County Planning Department Human Services Policy Committee (HSPC) met on January 11 and featured a briefing by 2020 Chair DC Councilmember Brienne Nadeau on the newly formed partnership to end the experience of homelessness in the District of Columbia and recent efforts to support regional cooperation in homeless services throughout the metropolitan Washington region.

Regional Fair Housing Team met on January 21st to discuss next steps in preparing the “Regional Analysis of Impediments to Fair Housing Choice”.

DCPS staff continued retrieving commercial construction data from CoStar to begin work on the 2019 “Commercial Construction Indicators” report.

Other activities:

- DCPS Director and Housing Program Manager participated in the January 7th meeting of the Housing Leaders Group of Greater Washington (HLG) to advance regional housing production goals.
- DCPS Planning staff co-hosted the TPB TLC Peer Exchange on January 13 at COG.
- DCPS staff planned a Census staff led training to be held on February 11 to instruct member government committee members on accessing Census Data through the Bureau’s new Data Access portal

Task 9	BUDGET	Billed this month	% Funds Expended	UPWP Page
MOBILITY AND ENHANCEMENT PROGRAMS	\$649,946	\$18,994	29%	55

**9. MOBILITY, and ENHANCEMENT PROGRAMS**

***9.1 Enhanced Mobility Grant Program***

Staff held an AFA committee meeting on January 14:

- Chair Kostiuk shared takeaways from her presentation of AFA’s draft Dockless Vehicle memo and comments at the December 9 Dockless Vehicle Workshop.
- TPB staff briefed the committee on the status of the competitive selection process for the 2019 Enhanced Mobility Solicitation.
- Montgomery County Department of Transportation staff discussed planned temporary pedestrian detours and bus modifications around the Silver Spring Transit Center and a member shared his experience in participating in an Orientation & Mobility session they held over the weekend there.
- TPB staff announced the launch of the 2020 Transportation Land-Use Connections Program (TLC) solicitation for technical assistance projects and provided examples of past TLC projects focused of interest to AFA.
- Other Business included information on Transport DC’s Fast Pass Program that allows qualifying wheelchair accessible taxi drivers special entry to the front of the taxi queue at Union Station, and USDOT’s autonomous vehicle Inclusive Design Challenge.

AFA Chair Kostiuk presented the Dockless Vehicle memo to the TPB on January 22. Staff presented the projects selected for funding under the 2019 Enhanced Mobility Solicitation and next steps to the TPB on January 22. The recommendations and resulting amendment to the TIP was approved by the both successful and not were notified. Preparations for the February 11 AFA meeting began.

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

TPB staff and members of a selection panel reviewed 24 applications from Northern Virginia for the Transportation Alternatives Set-Aside Program. The selection panel was scheduled to convene on February 3 to review the applications and develop recommendations for funding. The TPB is scheduled to approve projects in February.

### ***9.3 Transportation Land-Use Connections Program***

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

- DC (Florida and New York Avenues): Fieldwork and data collection underway. Next series of fieldwork engagements scheduled for March 3-7.
- MD (City of Frederick): A stakeholder meeting with a downtown business group was held and an initial set of recommendations was reviewed.
- MD (City of College Park): The consultant produced an initial Study Method and Research Plan. It included the following elements: Introduction, Previous Plan and Studies, Zoning Analysis, Stakeholder Engagement, Existing Conditions Data Collection, Market Conditions, Action Plan, and Project Schedule.
- MD (Frederick County): Progress conference calls were held on January 15 and January 29.
- MD (City of Gaithersburg): The contractor has completed the existing conditions basemap. The basemap integrated the sewer and water files.
- MD (City of Greenbelt): A project kick-off meeting was held on January 8.
- MD (Montgomery County): Consultant staff continue preliminary research into the launch and marketing of the Ride On Flex transit service.
- MD (City of Takoma Park): Data collection and inventory were underway.
- VA (Arlington County): Consultant has provided a report on existing conditions, opportunities, and constraints in the study. This information will be used for the next steps of the study.
- VA (Fairfax County): A field visit to the site was held on January 6, a progress conference call was held on January 27, and a design workshop was held on January 30.
- VA (City of Falls Church): Fieldwork and data collection underway.
- VA (City of Manassas): Fieldwork and data collection are in progress.
- VA (Prince William County): A kick-off meeting was held on January 14. Fieldwork and data collection underway.

The application period for the FY 2021 round of TLC projects opened on January 9. It will close on March 9. Staff updated the application materials in advance of the solicitation. Potential applicants were given the option to submit one-page abstracts, which were due on January 27. Staff received 14 abstracts and sent back feedback approximately one week after the deadline.

Staff conducted a peer exchange event on January 13. The program featured presentations on last year's projects, along with a panel on recent implementation activities related to TLC projects from recent years.

Task 10	BUDGET	Billed this month	% Funds Expended	UPWP Page
TPB SUPPORT AND MANAGEMENT	\$978,789	\$59,570	44%	57

## **10. TPB SUPPORT AND MANAGEMENT**

### **TPB Support and Management**

#### 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 January 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/MSC) 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 January 2020 includes:

- Telephone conversations:
  - Opportunities to partner with COG - 2020 Planning
  - DC HSEMA - TPB Briefing: Traffic Impacts from Public Safety Events
  - FHWA - TPB-FAMPO Agreement Update
  - Stafford County - FAMPO MPO
  - COG Building Strategy Discussion
  - Interview with Margaret Barthel of WAMU
- In-person meetings:
  - COG - Board of Directors
  - UPWP Program/Project Brainstorming
  - Montgomery County Council Infrastructure and Land Use Committee: COG Housing Targets
  - Convening of COGs and MPOs - TCI Forum
  - COG’s Racial Equity Cohort Workshop– Transportation Deep Dive
  - COG Planning Directors Meeting
  - Visualize 2045 – D.C. Office of Planning
  - Visualize 2045 Site Visit – City of Alexandria

***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	\$1,573,168	\$47,061	14%	59
District of Columbia	\$288,548	\$20,904	37%	59
Maryland	\$641,082	\$12,820	8%	61
Virginia	\$461,312	\$13,337	12%	64
WMATA	\$182,226	\$0	0%	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.

Staff provided an overview of the UPWP Technical Assistance Program to the TPB Technical meeting during the January meeting.

Staff scheduled and prepared a call to discuss plans for the UPWP DC Technical Assistance program for the rest of FY 2020 and beginning of FY 2021.

Traffic Counts and Highway Performance Monitoring System (HPMS) Support

Staff worked with DDOT staff to plan and participate in the January 22 HPMS Committee meeting.

Staff updated the committee on the PCS, HERE, FTMS, and short-term data status as well as preliminary 2020 short-term count program. Staff prepared a summary of the meeting.

Staff summarized and analyzed the November and December 2019 traffic data from PCS, FTMS, and HERE stations and shared the summaries with DDOT staff for field inspection purposes. Staff reviewed and approved Invoice #3 of the FY2020 short-term traffic counting contract.

Staff developed an initial 2020-2025 count program and began an analysis of locations of prior classification counts in order to identify additional locations for classification counts in 2020.

**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. Staff also developed a one-page summary about the Technical Assistance program.

Staff communicated with MD SHA staff about a potential project focused on forecasting effects on parking and congestion from a potential reduction in MARC service to West Virginia.

Feasibility/Special Studies

Staff attended the following Traffic Relief Plan meetings in the month of December to monitor the project development activities:

- I-495 & I-270 Managed Lanes Study Transit Work Group (NEPA)

Staff provided input to the study team throughout the process. Specifically, in the month of December, in response to one of the questions raised at the study team meeting, staff shared the

findings of the TPB's Bus On Shoulders Study documented in the "Assessment of the Feasibility of Bus On Shoulders (BOS) at Select Locations in the National Capital Region," report from 2013.

Traffic Relief Plan (TRP) Monorail Feasibility Assessment: In response to a request by MDOT staff, DTP staff finalized a technical memorandum that assessed the *Frederick-Shady Grove Ridership and Revenue Study*, prepared by Cambridge Systematics on behalf of the High Road Foundation. DTP staff reviewed and evaluated the modeling methodology and assumptions used in the study to model monorail.

#### 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

The consultant (Foursquare ITP) finished processing the 2015 MD Travel Demand Model data and began validating results using CTPP data. The consultant also followed up on a request to MDOT for the 2030 and 2040 MD Travel Demand Model data. Staff was referred to the new Manager of Northern Virginia Rail Projects at Virginia Department of Rail and Public Transit who will serve on the TAC for the remainder of the project. Staff continued to participate in bi-weekly status meetings with the consultant and scheduled the fourth technical advisory committee (TAC) meeting.

### **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. Staff provided an overview of the UPWP Technical Assistance Program to the TPB Technical meeting during the January meeting.

After receiving a request to complete a VDOT FY 2020 Major Equipment Verification form, for VDOT Miovision equipment stored at COG, staff noted that it was no longer used and recommended that it be returned to VDOT. Staff transported the equipment to VDOT.

Staff obtained input from VDOT about projects to be completed before the end of FY 2020, including a Park and Ride Study. Staff scheduled a meeting and prepared an agenda to help focus the conversation on both the progress for the non-motorized count project as well as the scope for the Park and Ride Study.

Staff coordinated internally and with VDOT to begin reconciling the FY 2020 budget and year to date spending as well as identify carryover funding. Staff prepared a budget reconciliation table and sent it to VDOT to help with plans for the program. Staff also met with VDOT and reviewed the reconciliation table.

#### Travel Monitoring and Survey

Staff received and reviewed non-motorized counts from the twelve (12) locations counted in the fall. Staff recommended accepting six (6) of the counts, asked for additional information from the consultant for four (4) of the counts, and recommended redoing two (2) of the counts. Staff summarized these results and for the Non-Motorized status meeting planned for early February.

#### 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.

Staff, in coordination with WMATA, provided an overview of the Technical Assistance Program to the Regional Public Transportation Subcommittee (RPTS) and requested input on potential projects for the FY2021 Regional Transit Technical Assistance account at their January meeting. Following the email, staff sent a short message summarizing the program and desire for input to the Subcommittee.

Staff provided confirmation that rollover funding from the FY 2020 Technical Assistance Program can be used to support FY 2021 that support walk and bike access to existing high-capacity transit stations.

Staff reached out to the District Office of Planning to inquire about the timeline for a potential project.

---

#### **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 completed Phase 2 of the Regional Air System Plan (RASP). Staff also continued work on Phase 3.

##### Process 2019 Air Passenger Survey - Phase 1

COG staff conducted the preliminary analysis of the 2019 Washington-Baltimore Regional Air Passenger Survey, including:

- Completing the logic check of all survey records
- Updating the Annual Airport Statistics workbook for 2019 observed enplanement data
- Starting preparation of survey factoring input data for 2019 Air Passenger Survey
- Updating the flow chart of 2019 air passenger survey logic check procedures

## **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
- A draft report is anticipated by April 2020, finalization by June 2020

### Big Data in Regional Travel and Mobility Analyses

- Completed kick-off meeting with the Study Working Group and scheduled the second meeting
- Consultant monitored and encouraged responses to the peer MPO survey, performed interviews with peer agencies, and drafted the memo for State of the Practice Review (Task 2)
- The consultant drafted the methodology for the Big Data Evaluation (Task 3)
- Estimated completion June 2020

### VRE-MARC RUN THROUGH SERVICE

- The results of Task 3.1: Identify Travel Sheds was presented to 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)
- Estimated completion Spring 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: June 2020

### Station Access Study

- Synthesized input received in five site visits to review the preliminary staff list with local staff
- Estimated completion: June 2020

### Performance Based Planning and Programming

#### Highway Safety

- Deliver Regional PBPP Safety Targets
- Data compilation and analysis begun September 2019
- Completion anticipated 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
- Staff reviewed and provided feedback on consultant-provided draft input toward findings and recommendations.
- Completion anticipated February 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

- Activity is anticipated subsequent to the Expand the Nation Capital Regional Trail project, in order for information from that effort to be included in the plan update.
- Completion anticipated June 2020.

#### National Capital Regional Trail

- Work continued following the first draft presented to the Bicycle and Pedestrian Subcommittee in November.
- Completion anticipated February 2020.

#### Regional Curbside Management Forum

- Work to begin December 2019
- Completion anticipated June 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  
January 2020**

	DC, MD and VA FTA, FHWA and LOCAL BUDGET TOTAL	FUNDS EXPENDED	BILLED THIS MONTH	% FUNDS EXPENDED
<b>1. Long-Range Transportation Planning</b>				
Long - Range Transportation Planning	1,002,493.00	368,731.59	33,765.25	37%
<b>SUBTOTAL</b>	<b>1,002,493.00</b>	<b>368,731.59</b>	<b>33,765.25</b>	<b>37%</b>
<b>2. Transportation Improvement Program</b>				
Transportation Improvement Program	263,982.00	129,556.69	10,246.30	49%
TIP Database Support	170,000.00	62,085.00	0.00	37%
<b>SUBTOTAL</b>	<b>433,982.00</b>	<b>191,641.69</b>	<b>10,246.30</b>	<b>44%</b>
<b>3. Planning Elements</b>				
Congestion Management Process	613,020.00	247,105.76	11,490.17	40%
Systems Performance, Ops & Tech Planning	659,650.00	273,855.75	24,933.48	42%
Transportation Emergency Preparedness Planning	124,162.00	68,931.49	5,381.30	56%
Transportation Safety Planning	298,785.00	102,152.53	25,360.51	34%
Bicycle & Pedestrian Planning	141,278.00	84,878.46	7,459.15	60%
Regional Public Transportation Planning	322,516.00	93,831.87	8,288.18	29%
Freight Planning	222,293.00	79,355.88	11,040.53	36%
Metropolitan Area Transportation Operation Coord Program Planning	164,580.00	92,955.16	7,953.16	56%
Performance-Based Planning & Programming	304,526.00	151,205.32	16,281.07	50%
<b>SUBTOTAL</b>	<b>2,850,810.00</b>	<b>1,194,272.21</b>	<b>118,187.55</b>	<b>42%</b>
<b>4. Public Participation</b>				
Public Participation	1,013,150.00	405,342.14	44,323.63	40%
<b>SUBTOTAL</b>	<b>1,013,150.00</b>	<b>405,342.14</b>	<b>44,323.63</b>	<b>40%</b>
<b>5. Travel Forecasting</b>				
Software Support	176,296.00	64,672.50	5,323.96	37%
Network Development	657,578.00	445,466.10	33,398.63	68%
Model Development	2,306,329.00	619,651.36	66,618.74	27%
<b>SUBTOTAL</b>	<b>3,140,203.00</b>	<b>1,129,789.96</b>	<b>105,341.33</b>	<b>36%</b>
<b>6. Mobile Emissions Planning</b>				
Air Quality Conformity	888,388.00	404,322.85	42,143.60	46%
Mobile Emissions Analysis	1,090,464.00	385,341.84	34,464.58	35%
<b>SUBTOTAL</b>	<b>1,978,852.00</b>	<b>789,664.69</b>	<b>76,608.18</b>	<b>40%</b>
<b>7. Travel Monitoring and Data Programs</b>				
Regional Travel Survey	745,208.00	369,399.65	27,742.59	50%
Traffic Analysis & Research	675,464.00	60,800.84	26,815.48	9%
Regional Transportation Data Clearinghouse	455,937.00	133,206.46	6,562.16	29%
GIS Analysis	582,249.00	275,925.66	16,895.73	47%
<b>SUBTOTAL</b>	<b>2,458,858.00</b>	<b>839,332.60</b>	<b>78,015.97</b>	<b>34%</b>
<b>8. Planning Scenarios and Socioeconomic Forecasting</b>				
Socioeconomic Forecasting	761,012.00	452,813.10	50,868.53	60%
Scenario Planning	355,627.00	5,632.49	0.00	2%
<b>SUBTOTAL</b>	<b>1,116,639.00</b>	<b>458,445.59</b>	<b>50,868.53</b>	<b>41%</b>
<b>9. Mobility and Enhancement Programs</b>				
Transportation and Land Use Connections Program	492,958.00	96,272.96	9,935.12	20%
Enhanced Mobility Grant Program	105,634.00	64,163.21	6,051.28	61%
Transportation Alternatives Set-Aside Programs	51,354.00	29,562.90	3,008.49	58%
<b>SUBTOTAL</b>	<b>649,946.00</b>	<b>189,999.07</b>	<b>18,994.89</b>	<b>29%</b>
<b>10. TPB Support and Management</b>				
TPB Support and Management	978,789.00	434,101.95	59,570.21	44%
<b>SUBTOTAL</b>	<b>978,789.00</b>	<b>434,101.95</b>	<b>59,570.21</b>	<b>44%</b>
<b>SUBTOTAL CORE PROGRAM ITEMS 1-10</b>	<b>15,623,722.00</b>	<b>6,001,321.50</b>	<b>595,921.84</b>	<b>38%</b>
<b>TECHNICAL ASSISTANCE</b>				
<b>District of Columbia Technical Assistance</b>	288,548.00	107,835.04	20,904.07	37%
<b>Maryland Technical Assistance</b>	641,082.00	48,967.62	12,820.03	8%
<b>Virginia Technical Assistance</b>	461,312.00	55,889.58	13,337.85	12%
<b>WMATA Technical Assistance</b>	182,226.00	550.43	0.00	0%
<b>Technical Assistance Program Total</b>	<b>1,573,168.00</b>	<b>213,242.67</b>	<b>47,061.95</b>	<b>14%</b>
<b>TPB GRAND TOTAL</b>	<b>17,196,890.00</b>	<b>6,214,564.17</b>	<b>642,983.78</b>	<b>36%</b>

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

January 2020  
SUPPLEMENT I

	TOTAL		FTA/STA/LOC		PL FUNDS/LOC	
	AUTHORIZED BUDGET	TOTAL EXPENDITURES	AUTHORIZED BUDGET	FTA EXPENDITURES	AUTHORIZED BUDGET	FHWA EXPENDITURES
<b>A. District of Columbia Technical Assistance</b>						
Program Development & Misc	10,000.00	3,055.76	1,422.89	434.80	8,577.11	2,620.95
Traffic Counts & HPMS Support	235,000.00	104,779.28	33,437.99	14,908.97	201,562.01	89,870.31
Other Tasks	43,548.00	0.00	6,196.42	0.00	37,351.58	0.00
<b>SUBTOTAL</b>	<b>288,548.00</b>	<b>107,835.04</b>	<b>41,057.30</b>	<b>15,343.78</b>	<b>247,490.70</b>	<b>92,491.26</b>
<b>B. Maryland Technical Assistance</b>						
Program Development & Misc	15,000.00	2,860.89	2,134.34	407.07	12,865.66	2,453.81
Planning Studies	100,000.00	20,071.19	14,228.93	2,855.92	85,771.07	17,215.28
Feasibility/Special Studies	50,000.00	366.96	7,114.47	52.21	42,885.53	314.75
Transportation Performance Measures	100,000.00	0.00	14,228.93	0.00	85,771.07	0.00
Training, Misc and Tech Support	20,000.00	0.00	2,845.79	0.00	17,154.21	0.00
Transportation/Land Use Connection Program	260,000.00	0.00	36,995.23	0.00	223,004.77	0.00
Other Tasks	61,082.00	0.00	8,691.32	0.00	52,390.68	0.00
MARC - VRE Runthrough - MD	35,000.00	25,668.58	4,980.13	3,652.37	30,019.87	22,016.22
<b>SUBTOTAL</b>	<b>641,082.00</b>	<b>48,967.62</b>	<b>91,219.13</b>	<b>6,967.57</b>	<b>549,862.87</b>	<b>42,000.05</b>
<b>C. Virginia Technical Assistance</b>						
Program Development & Misc.	15,000.00	2,080.20	2,134.34	295.99	12,865.66	1,784.21
Travel Monitoring	148,000.00	28,079.64	21,058.82	3,995.43	126,941.18	24,084.21
Travel Demand Modeling	38,000.00	0.00	5,406.99	0.00	32,593.01	0.00
Sub-regional Planning Studies	58,000.00	0.00	8,252.78	0.00	49,747.22	0.00
Other Tasks	7,312.00	0.00	1,040.42	0.00	6,271.58	0.00
Transportation Land Use Connections	160,000.00	0.00	22,766.29	0.00	137,233.71	0.00
MARC - VRE Runthrough - VA	35,000.00	25,729.74	4,980.13	3,661.07	30,019.87	22,068.67
<b>SUBTOTAL</b>	<b>461,312.00</b>	<b>55,889.58</b>	<b>65,639.78</b>	<b>7,952.49</b>	<b>395,672.22</b>	<b>47,937.09</b>
<b>D. WMATA Technical Assistance</b>						
Program Development & Misc	5,000.00	550.43	5,000.00	550.43	0.00	0.00
Other Tasks	177,226.00	0.00	177,226.00	0.00	0.00	0.00
<b>SUBTOTAL</b>	<b>182,226.00</b>	<b>550.43</b>	<b>182,226.00</b>	<b>550.43</b>	<b>0.00</b>	<b>0.00</b>
<b>GRAND TOTAL</b>	<b>1,573,168.00</b>	<b>213,242.67</b>	<b>380,142.21</b>	<b>30,814.27</b>	<b>1,193,025.79</b>	<b>182,428.40</b>