

FY 2016



National Capital Region
Transportation Planning Board

Work Program Progress Report
MARCH • 2016

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1. **PLAN SUPPORT**

A. **Unified Planning Work Program (UPWP)**

The progress report for February on UPWP work activities was prepared.

The TPB approved the FY 2017 UPWP on March 16. Board actions included amending the FY 2016 UPWP to deprogram funds that were carried over to the FY 2017 UWPWP.

B. **Transportation Improvement Program (TIP)**

At its March 4 meeting, the TPB Steering Committee approved one amendment to the FY 2015-2020 TIP. The amendment was requested by VDOT to include funding for the Widening of the US Route 1 Interchange at VA Route 123 project, and for four components of the I-66 Multimodal Improvements Inside the Beltway project.

During the month of March, staff processed one administrative modification for DDOT.

C. **Constrained Long-Range Plan (CLRP)**

The public comment period on the project submissions for the 2016 CLRP Amendment ended on March 12th. More than 200 comments were submitted by individuals and organizations over the course of the 30-day comment period. These were summarized by TPB staff and responses were developed in cooperation with staff from member agencies. At their meeting on March 16th, the TPB was presented with the comments and responses and the TPB approved the project submissions for inclusion in the Air Quality Conformity Analysis of the 2016 CLRP Amendment.

D. **Financial Plan**

The financial summaries in the FY 2015-2020 TIP were reviewed and updated as administrative modifications and TIP amendments were approved.

Submittals for the 2016 CLRP Amendment and FY 2017-2022 TIP were reviewed for their financial plans. In particular, TPB and VRE staff discussed the proposed funding sources and reasonableness of availability for the VRE Gainesville Haymarket Expansion project. Additional information was included in the CLRP project sheets submitted to the board for approval as inputs to the air quality conformity analysis. TPB staff also met with WMATA staff to discuss financial reasonableness and the process for transit project submittal, looking ahead to the 2018 CLRP financial analysis.

E. **Public Participation**

The Citizens Advisory Committee meeting on March 10 featured a discussion with TPB Chairman Timothy Lovain met with the committee. The CAC was also briefed on current travel trends and discussed draft committee priorities for 2016.

Staff worked on the update of pages on the COG website related to transportation.

Staff worked on the development of a new electronic newsletter, which will replace and consolidate the *TPB News* and *TPB Weekly Report*.

Staff continued development of an evaluation of the TPB's public participation activities.

Staff continued working to implement a style guide and templates for documents and presentations.

Staff presented the TPB Steering Committee and the Technical Committee with a draft proposal for restructuring the TPB's Access for All Advisory Committee.

F. Performance Based Planning

TPB staff continued tracking performance measurement notices by USDOT and other performance provisions activities. The final rulemakings on the Highway Safety Improvement Program (HSIP) and the HSIP: National Performance Management Measures were published on March 15. TPB staff met to review the rulemakings and worked to develop a presentation for the April Technical Committee meeting. TPB staff also continued to refine data for the performance measures for the TPB metropolitan planning area in the categories of Highway Safety and Highways Conditions: Pavement and Bridges. A memo on the progress of the rulemakings was prepared for the April Technical Committee.

G. TPB Annual Report and TPB News

The *TPB News* was produced and distributed.

Staff finalized content for the next Region magazine. A graphic designer worked on the publication's layout.

H. Transportation / Land Use Connection Program (TLC)

Staff convened a panel to recommend projects for funding in Northern Virginia under the Surface Transportation Block Grant Program (STP Set Aside), formerly known as the Transportation Alternatives Program. The TPS was scheduled to vote on the panel's recommendations at its April meeting.

Work continued on the eight TLC projects funded for FY 2016.

Staff responded to questions regarding the solicitation for the FY 2017 TLC projects, which was released on February 3. The deadline for applications is April 1. Staff identified participants to serve on a selection panel for the TLC projects. Staff also presented the selection process to the TPB Steering Committee.

I. DTP Management

Staff support was provided for the March meetings of the TPB, the TPB Steering Committee, the State Technical Working Group and the TPB Technical Committee.

The Director's Report was prepared for the March TPB Meeting.

The DTP Director participated in the March State Safety Oversight/Metropolitan Safety Commission (SSO/MSO) Policy Work Group meetings.

The DTP Director participated in a conference call on the Metropolitan Safety Commission legal support services procurement.

The DTP Director participated in the March TPB Citizens Advisory Committee meeting.

The DTP Director participated in a conference call with DDOT on the CLRP Dedicated Bike Lane Project.

The DTP Director participated in the First Maryland MPO Coordination Roundtable convened by MDOT.

The DTP Director participated in the March TIGER Grant project management meeting.

The DTP Director reviewed and coordinated upcoming TPB and TPB Technical Committee activities with DTP program directors and managers.

The DTP Director reviewed items for the March TPB agenda with the TPB Chairman.

The DTP Director met with WMATA Planning staff to discuss the CLRP financial constraint.

The DTP Director participated in planning sessions related to the March 30th COG-Board of Trade Metro Forum and attended the March 30th Forum.

The DTP Director participated in the first Interagency Meeting for the Washington Union Station Project.

Staff monitored work program activities and expenditures in relation to work program budgets.

Staff reviewed monthly invoices going to each of the state agencies administering TPB planning funding. Staff prepared an additional supplement for the MDOT invoice that was requested by MDOT to assist them in the review and processing of their monthly invoice.

2. COORDINATION PLANNING

A. Congestion Management Process (CMP)

Work continued on development and compilation of the 2016 Congestion Management Process (CMP) Technical Report, including soliciting updates on local jurisdictional travel demand management strategies on the Commuter Connections Subcommittee March 15 meeting and a presentation to the Management, Operations and Intelligent Transportation Systems (MOITS) Subcommittee March 9 meeting.

A preliminary draft technical memorandum was completed to analyze the transportation impacts of the March 16 Metrorail shutdown.

On March 7, staff participated in the Technical Advisory Group meeting for DDOT's Congestion Study. On March 8, staff monitored the I-95 Corridor Coalition Vehicle Probe Project agency team webcast.

B. Management, Operations, and Intelligent Transportation Systems (MOITS) Planning

The March 9, 2016 meeting of the MOITS Technical Subcommittee was organized and conducted. The Subcommittees received information and provided input on the DDOT application to the USDOT's Smart Cities Challenge; DDOT's ongoing Congestion Management Study; and ongoing staff work on the Congestion Management Process Technical Report and the Regional ITS Architecture.

Staff participated in the monthly coordination meeting for the regional TIGER grant and biweekly conference call on transit signal priority implementation, held March 21.

Staff participated in national webinars on the outlook for Automated Vehicles and Policy, held March 1, and the new Advanced Transportation and Congestion Management Technologies Deployment (ATCMTD) grant program, held March 29.

C. Transportation Emergency / Security Planning

Information sharing and preparations for the March meeting of the Regional Emergency Support Function 1 (RESF-1) Committee continued. The March meeting included

presentation from the Project Management Office, Regional Emergency Coordination Plan Annex (Transportation), and a presentation by Mr. John Contestabile on the recently concluded Transportation Research Board meeting dealing with transportation emergency support function.

D. Transportation Safety Planning

Staff coordinated with partner agencies and consultants to produce information in preparation for the Street Smart spring campaign, to be launched in April.

The most recent crash statistics were compiled to the update to the Regional Transportation Safety Picture, in coordination with partner agencies.

Staff reviewed the final HSIP and Safety Performance Measures rule and developed presentation materials in preparation for the April TPB Technical Committee meeting.

E. Bicycle and Pedestrian Planning

The March 15th, 2016 meeting of the Bicycle and Pedestrian Subcommittee was organized and conducted. WMATA staff briefed the Subcommittee on the Metrorail Station Access Investment Strategy, which includes an inventory of unmet pedestrian and bicycle access needs at all 91 Metrorail stations.

The Subcommittee was briefed on a proposal for the development of a short list of unfunded Pedestrian and Bicycle Priority Projects for the Unconstrained Long-Range Plan. Selected projects identified by the Metrorail Station Access Study, the National Park Service Paved Trails Study, the Bicycle Beltway Working group, and the Regional Trails Coalition may be incorporated into the Unconstrained Long Range Plan.

The Subcommittee was also briefed on the Vision Statement and Goals of the Regional Trails Coalition, and the upcoming spring 2016 Street Smart campaign.

Staff worked with the Subcommittee to update the short list of unfunded bicycle and pedestrian projects, and prepared a memo explaining the selection process and updated list for the TPB Technical Committee, to be presented at the April TPB Technical Committee meeting.

Staff briefed the TPB Technical Committee on the upcoming Spring Street Smart pedestrian and bicycle safety campaign at their March 4th meeting.

Staff attended the March 11th, 16th, and 29th meetings of the Regional Trails Coalition (RTC) Governance Group, which developed a governance structure and work program for the Coalition, and presented the results to the core group RTC meeting on March 31st.

Staff reviewed and scored the FY 2017 Virginia Transportation Alternatives Program funding applications, and participated in the selection panel meeting on March 25th.

Staff prepared a new version of the "Walkwise" employee pedestrian safety training PowerPoint for the Commuter Connections program, and presented it to the March 22nd Employee TDM Coordinators meeting. Staff also presented to the group on the spring 2016 Street Smart campaign.

Staff participated in a March 15th conference call for the Arlington low-stress bicycle network project, and monitored the progress of the Georgetown Waterfront trail project by phone and email. Staff serves as project monitor for both projects, which are being funded through TPB's Transportation Land Use Connections program.

F. Regional Public Transportation Planning

The Regional Public Transportation Subcommittee did not meet in February. Work continued on the development of the State of Public Transportation Report. TPB staff also provided minor support ahead of the March 30 COG–BOT Metro Forum. TPB staff also provided additional inputs to the 2017 UPWP.

G. Human Service Transportation Coordination

During the month of February, staff continued to work on the proposed enhancement of the Access for All Advisory Committee; the Human Service Transportation Coordination Task Force and the Access for All Advisory Committee are being merged. In March, staff presented the proposal to merge the two committees to the Technical Committee and Steering Committee. A PowerPoint presentation was developed for these two briefings. The Steering Committee concurred with the proposal to combine the two groups. Staff wrote a memo to the TPB on this plan to merge the two committees. Staff also worked with the TPB Chair. Tim Lovain, to nominate a TPB member to serve as the reconfigured AFA Chair, and asked the TPB officers to concur. This resulted in the TPB Chair, Tim Lovain, appointing Councilmember Charles Allen, the TPB's 2nd Vice Chair, to be the AFA Chair.

Staff developed a draft application for AFA members, one for members and one for ex-officios, and made plans to issue the call for applications in April.

H. Freight Planning

Staff presented the draft freight policy statements to the TPB Technical Committee and to the Transportation Planning Board for review and feedback.

The regularly scheduled March 10, 2016 TPB Freight Subcommittee meeting was organized and conducted. This freight rail themed meeting featured presentations by each of the Class I railroads operating in the Region.

Staff continued planning for FY2016 truck counts, solidifying plans to conduct ATR verification and special generator counts and continuing the investigation of using Bluetooth technology to gain information about geographic dispersal of trucks.

Staff participated as facilitator for the first Freight Forum of the Northern Virginia East-West Integrated Corridor Management (ICM) effort. Participants in the Forum identified and discussed freight-specific issues throughout the study area.

Staff participated in a regularly scheduled DC2RVA Cooperating Agencies Meeting to learn about which alternatives will be retained for further analysis on this Southeast High Speed Rail EIS effort.

I. Metropolitan Area Transportation Operations Coordination Program Planning (MATOC)

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 planning support provided by TPB staff under this task.

The March 3 conference call of the MATOC Severe Weather Working Group was organized and conducted, providing for ongoing coordination between transportation agency snow personnel.

The March 11 MATOC Steering Committee monthly meeting was organized and conducted, accommodating the monthly opportunity for the MATOC Steering Committee to provide oversight to the MATOC program, and providing guidance to the ongoing work of the MATOC subcommittees and working groups.

The Second Annual MATOC Construction Coordination Workshop was organized and conducted on March 29 at COG, providing an opportunity for collaboration among regional transportation agencies' construction zone managers and schedulers.

Preparations continued for the upcoming April 27, 2016 MATOC Regional Traffic Incident Management (TIM) conference.

Staff continued development of a retrospective Annual Report publication for the MATOC Program for 2015, now anticipated to be published during the first half of calendar year 2016.

3. FORCASTING APPLICATIONS

A. Air Quality Conformity

The public comment period on the CLRP project listing and scope of work for the upcoming air quality analysis of the 2016 CLRP and FY2017-2022 TIP closed on March 12. Staff compiled comments received and shared them with the TPB. The Board approved the project listing and proposed work scope at its March 16 meeting.

The preparation of highway and transit network inputs reflecting the 2016 CLRP has begun in March and is ongoing. Staff met with VDOT staff on March 3 to get clarification on the network configuration of the I-66 HOT lanes project.

TPB staff assisted Calvert-St. Mary's Metropolitan Planning Organization staff with their Long Range Transportation Plan (LRTP) transmittal to the appropriate Federal Agencies.

Staff completed research for historical information related to the I-66 Spot Improvements project, and the original I-395 HOT lanes project.

In response to data requests by VDOT staff, TPB staff reviewed several VDOT projects to determine if they eligible for inclusion (i.e., "regionally significant") in the regional air quality analysis.

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

B. Mobile Emissions Analysis

DTP staff has begun the preparation of inputs and controls set-ups for MOVES2014a mobile emissions modeling used to support the air quality conformity analysis of the 2016 CLRP. This includes coordination with the state air agencies which will provide non-travel-related inputs to the MOVES modeling conducted by TPB staff.

COG staff convened a meeting of the emissions inventory subcommittee on March 11 to begin discussions on the development of an Ozone Maintenance Plan which is currently underway. This effort is planned to occur during the remainder FY 2016 and FY 2017.

C. Regional Studies

Staff sent out survey questionnaires to local jurisdictions, state agencies and regional agencies regarding implementation considerations for the recommended consensus Multi-Sector Working Group (MSWG) greenhouse gas reduction strategies.

Several letter of support were prepared for grant applications from across the region to be submitted for the FY 2016 TIGER and new FASTLANE notices of funding opportunity.

Staff finalized analysis of the “No-Build” scenario and gathered information necessary to code the “All-Build” scenario.

Staff developed a process for identifying unfunded bicycle and pedestrian priority projects.

Based upon input from a January TPB work session, staff developed a proposed approach for promoting regional priorities in the project selection processes of the TPB’s member jurisdictions.

The March meeting of the Unfunded Capital Needs Working Group was postponed because of the one-day Metrorail shutdown.

D. Coordinated Cooperative Forecasting & Transportation Planning

Staff presented the draft Round 9.0 forecasts to the COG Board on March 9th and to the TPB on March 16th. The COG Board approve the use of these forecasts by the TPB in the Air Quality Conformity Analysis of the 2016 Financially Constrained Long-Range Plan (CLRP) and FY 2016 to 2021 Transportation Improvement Program (TIP).

Staff continued analysis of current labor market trends and demand in the region using the Burning Glass Labor Insight tool acquired using funding received from a Capital One Foundation grant.

Staff continued to research current commercial real estate trends, office vacancy rates, employee per square foot density assumptions and NAICS industry to land use type conversion factors using the Co-Star database.

Staff prepared the monthly Regional Economic Monitoring Report and posted this report on the COG website.

4. DEVELOPMENT OF NETWORK / MODELS

A. Network Development

Staff presented the 2015 CLRP transportation network documentation to the Travel Forecasting Subcommittee at its March 18 meeting and invited comments on the report.

Staff completed the update of the base-year transit network, which will serve as the basis of all future-year transit networks to be used in the air quality analysis of the 2016 CLRP. Base and future year highway networks are currently in development. The GIS-based tool for editing and managing transportation networks (COGTools) has been modified to address several errors related to editing and exporting. The tool has been migrated to a newer

software platform (ArcGIS 10.2) and these types of fixes will continue as it is applied in active project work.

B. GIS Technical Support

Staff continued to monitor and manage the operational performance of the ArcGIS server. Staff performed ArcGIS software installations on several DTP staff workstations. Staff upgraded the ArcGIS license manager to software version 10.4. Staff installed the SQL Server native client on desktop machines of staff requiring access to enterprise GIS databases. Staff assisted fellow DTP staff with GIS software installation problem.

Staff began testing a methodology to deploy a distributed geodatabase/replication environment for select TPB spatial data library datasets.

Staff began work to develop a web mapping application to display demographic information for geographic areas of Environmental Justice Concern within the TPB Planning region.

Staff developed a Bike to Work Day (BTWD) ArcGIS Online web map of pit stop locations.

Staff updated the file for MPO boundaries as well as the Urbanized Areas boundary file for TPB planning area with datasets obtained via the Federal Highway Administration (FHWA) HEPGIS tool.

Staff provided a list of GIS contacts within each COG/TPB jurisdiction to Jefferson County, WV planning staff.

C. Models Development

The Travel Forecasting Subcommittee (TFS) met on March 18. The agenda included a briefing on Round 9.0 land activity projections and a status report on the TPB's travel modeling improvement activities.

Staff completed its testing evaluation AECOM's proposed traffic assignment methodology. The findings were documented in a memorandum (March 9) and shared with Cambridge Systematics (CS). The methodology will be considered as one of several improvements to the existing trip based travel model.

Staff has continued testing a new 64-bit version of Cube Voyager (6.4.1) which is being considered for travel modeling in upcoming air quality work. Several issues have been identified with the new version and staff is working with the software vendor to resolve the issues.

Staff investigated and implemented several minor refinements to the existing travel demand model. Staff corrected a small error that was identified with respect to highway path building. Staff also corrected a minor error in the model's procedures for developing drive-access-to-transit links. Both refinements have been documented.

The consultant-assisted project to improve the regional travel demand model moved forward on several fronts:

- Task Order 16.2 ("Advice and Testing"): The consultant has contacted several MPOs to determine their experience with version control and bug tracking software. The consultant has been investigating ways to improve the volume-delay functions used in the model for freeways to improve the model's representation of freeway traffic speeds. The consultant is investigating improved ways to represent the interaction between bus speeds and traffic speeds on the road segments used by buses. The consultant is beginning to document specifications for developing a parcel-level development

database. Staff has begun adding a new series of “screenlines” that are to be used for summarizing traffic assignment and transit assignment results. Both staff and the consultant continue the migration of transit path-building software, from TRNBUILD to Public Transport (PT). Staff has begun reviewing past consultant advice for including external transit trips in the model.

- Task Order 16.3 (“Managed Lanes”): The consultant has begun a review of current practice in the area of modeling HOV and HOT-lane facilities.
- Task Order 16.5 (“Mode Choice Model Enhancements”): The consultant has received a copy of the AECOM/WMATA Regional Transit System Plan (RTSP) model, which includes a pedestrian environment factor (PEF), and has begun reviewing that model.

Staff finalized its memorandum (March 23) documenting work with the year-2000 Census Public Use Microdata Sample (PUMS) data, which is need to develop input files for the EERPAT greenhouse gas estimation tool.

Staff responded to four technical data requests supporting local project planning work in the region.

D. Software Support

Staff coordinated work efforts with the Information, Technology and Facilities Management (ITFM) team to improve the performance of travel demand servers.

Staff tested the computing performance of the MOVES2014a mobile emissions model using a solid state drive (SSD). Staff determined that the SSD reduced running times substantially (from 44 hours to 29 hours).

5. TRAVEL MONITORING

A. Cordon Counts

Staff continued planning for the spring truck data collection funded under this work item, including drafting a RFQ for the Bluetooth component of the data collection.

B. Congestion Monitoring and Analysis

Analysis of calendar year 2015 data sets continued and the results started to be included in the 2016 Congestion Management Process Technical Report.

Travel time and speed data from the I-95 Corridor Coalition Vehicle Probe Project, vehicle volume data from state DOTs, and transit ridership data from transit agencies were collected or requested for the analysis of the transportation impacts of the March 16 Metrorail Shutdown.

C. Travel Surveys and Analysis Household Travel Survey (HTS)

No staff work activity during the reporting period.

D. Regional Transportation Data Clearinghouse (RTDC)

Staff began processing the 2014 hourly and classification traffic data from Virginia and the District of Columbia. Staff completed processing the 2015 transit ridership data requested (June 2014-July 2015) from regional transit providers. All data received to date is included in the dataset.

Staff responded to a technical question received from the District of Columbia regarding ArcGIS online and WMATA data. Staff provided AADT and raw hourly counts on the

Memorial Bridge as part of a data request from the Project Manager with the National Park Service (NPS). Staff assisted an engineer from the Maryland State Highway Administration (SHA) with a data request for a file depicting the TPB planning area. Staff completed a request from CH2M, a consultant working for DDOT, for historical traffic counts in the District of Columbia.

Staff responded to a data request for a shapefile of comparing Aggregated-2010 Census Blocks to TPB TAZs. Staff also provided guidance on how changes in 2010 Census Urbanized Area/Urban Cluster designations affected urban/rural splits of VMT in rural areas.

Staff added 2015 Metro Rail Ridership to the RTDC. Staff continued to work on the Average Weekday Ridership feature class.

Staff produced a table with Quarterly Census of Employment and Wages by Industry from 2000-2014. Staff produced Planning Region Traffic Volume Growth for 2014-2015 for AM Peak Period.

6. TECHNICAL ASSISTANCE

A. **DISTRICT OF COLUMBIA**

1. Program Development, Data Requests & Miscellaneous Services

Staff finalized the DC Technical Assistance Program work elements envisioned for the second half of the fiscal year and finalized the carry-over of specific work elements and funding to the FY17 DC Technical Assistance Program.

2. Traffic Counts and HPMS Support

The March HPMS Coordinating Committee meeting included status updates by TPB Staff on: development of the 2015 AADT volume and identification of any issues, suggested functional class changes, and status of the 2016 permanent count station data and short-term counts.

The following February continuous traffic count data were processed, reviewed, and assessed for completeness and reasonableness: data from the HERE Stakeholder Application (formerly Traffic.com) stations on DDOT interstate/freeway sections; and data from the permanent count stations on interstate, freeway, primary arterial, and minor arterial sections. A technical report was subsequently submitted to DDOT field inspection personnel, which was supplemented by February data summaries and notations on missing or questionable data records.

Staff continued to process the calendar year 2015 annual submittal.

Staff completed the following administrative tasks:

- Reviewed and approved payment for first invoice for FY 2016.
- Prepared the rest of the maps for the short-term counting contractor showing where to conduct the 2016 counts.

Staff provided the following technical assistance to DDOT staff:

- Prepared the rest of the maps for the short-term counting contractor showing where to conduct the 2016 counts.
- Assigned 104 short-term counts; the rest of the short-term counts for spring 2016.

- Staff provided information about the high-level growth rates used to develop the HPMS submittal and recommended a study be completed if more specific growth rates are needed, in response to a request for growth-rate data along the Southern Ave corridor.
- Staff provided historic count data in the vicinity of 11th Street Bridge, including I-695, DC-295, and Pennsylvania Avenue at Sousa Bridge, upon request.

3. Data Transfer for CLRP and TIP

No staff work activity during the reporting period.

4. Transportation Sector Support for the COG Multi-Sector Greenhouse Gas (GHG) Working Group (MSWG) Berth Survey

No staff work activity during the reporting period

5. Other Tasks to be Defined

No staff work activity during the reporting period.

B. MARYLAND

1. Program Development /Management

Staff finalized the Maryland Technical Assistance Program work elements envisioned for the second half of the fiscal year and finalized the carry-over of specific work elements and funding to the FY17 Maryland Technical Assistance Program.

2. Project Planning Studies

Staff worked with MD SHA staff and consultants to document the project development and the alternative analysis process for the Veirs Mill Road (MD 589) Study that took place between the fall of 2014 and early 2016.

3. Feasibility/Special Studies

No staff work activity during the reporting period.

4. Transportation Performance Measures

Staff began field work for the HOV counts and travel time data collection funded under this work program.

5. Training/Miscellaneous Technical Support

No staff work activity during the reporting period.

6. Transportation / Land Use Connections Program (TLC)

As part of the Transportation/Land-Use Connections Program (1.H. above), four technical assistance projects in Maryland were fully or partially funded under this PE number. See 1.H. above for further details about the TLC Program.

7. Human Services Transportation Study/ Follow-up and Support

No staff work activity during the reporting period.

8. Transportation Sector Support for the COG Multi-Sector Greenhouse Gas (GHG) Working Group (MSWG)

No staff work activity during the reporting period.

9. Other Tasks Yet to Be Defined

No staff work activity during the reporting period.

C. VIRGINIA

1. Program Development and Data/Documentation Processing

Staff finalized the Virginia Technical Assistance Program work elements envisioned for the second half of the fiscal year and finalized the carry-over of specific work elements and funding to the FY17 Virginia Technical Assistance Program.

2. Travel Monitoring and Survey

Staff began field work for the HOV counts and travel time data collection funded under this work program item. Staff met with VDOT to review the bicycle and pedestrian count locations in Tysons Corner for this spring.

3. Travel Demand Modeling

No staff work activity during the reporting period

4. Regional and Sub-Regional Studies

Staff reviewed draft materials from the TransAction study team. Staff participated in the March meeting of the Route 7 Transit Study TAC, and in the monthly meeting cycles for NVTa and NVTC.

5. Transportation Support for the COG MSWG

No staff work activity during the reporting period.

6. Other Tasks yet to be Defined

No staff work activity during the reporting period.

D. WMATA

1. Program Development

Staff finalized the WMATA Technical Assistance Program work elements envisioned for the second half of the fiscal year and finalized the carry-over of specific work elements and funding to the FY17 WMATA Technical Assistance Program.

WMATA and TPB staff discussed a technical assistance proposal for the FY 2017 UPWP.

2. Miscellaneous Services

No staff work activity during the reporting period.

3. Transportation Support for the COG MSWG

No staff work activity during the reporting period.

4. Travel Demand Model Improvements

No staff work activity during the reporting period.

5. 2015 Metrobus Passenger On-Board Survey

Staff prepared a draft memorandum recommending sampling, processing and weighting procedures for WMATA's planned three year rolling Metrobus Survey.

6. Regional Accessibility Strategy for Paratransit Service

No staff work activity during the reporting period.

7. **CONTINUOUS AIRPORT SYSTEM PLANNING (CASP) PROGRAM**

A. CASP 27

1. 2015 Air Passenger Survey

Staff continued processing of the 2015 Regional Air Passenger Survey data file and provided a status update and some preliminary results to the Aviation Technical Subcommittee during their March meeting.

2. Air Cargo Element Update

No staff activity during the reporting period.

4. Ground Access Travel Time Study

Staff completed the draft study report and presented it to the Aviation Technical Subcommittee at their March meeting.

8. **SERVICES/SPECIAL PROJECTS**

No staff work activity during the reporting period.

**FY 2016 TRANSPORTATION PLANNING BOARD
FINANCIAL STATUS OF TECHNICAL ASSISTANCE**

March 31, 2016
SUPPLEMENT I

	TOTAL AUTHORIZED BUDGET	TOTAL EXPENDITURES	FTA/STA/LOC AUTHORIZED BUDGET	FTA EXPENDITURES	PL FUNDS/LOC AUTHORIZED BUDGET	FHWA EXPENDITURES
A. District of Columbia						
1. Data Request & Misc SVCS	10,000.00	4,930.93	1,547.22	762.92	8,452.78	4,168.01
2. DDOT HPMS	235,000.00	124,688.81	36,359.61	19,292.07	198,640.39	105,396.74
3. DDOT Data Transfer	15,000.00	0.00	2,320.83	0.00	12,679.17	0.00
4. DC MSWG Support	15,000.00	14,147.40	2,320.83	2,188.91	12,679.17	11,958.49
5. Data Transfer for CLRP & TIP	60,376.00	0.00	9,341.48	0.00	51,034.52	0.00
6. Other Tasks to be defined	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL	335,376.00	143,767.14	51,889.97	22,243.91	283,486.03	121,523.24
B. Maryland						
1. MD Program Development	18,000.00	9,516.03	2,784.99	1,472.34	15,215.01	8,043.69
2. Project Planning Studies	90,000.00	51,604.48	13,924.96	7,984.34	76,075.04	43,620.15
3. Feasibility / Special Studies	90,000.00	0.00	13,924.96	0.00	76,075.04	0.00
4. Transportation Performance Measures	80,000.00	6,317.81	12,377.74	977.50	67,622.26	5,340.30
5. Training Misc. Tech Support	50,000.00	231.14	7,736.09	35.76	42,263.91	195.38
6. Statewide Transp/ Model Support	0.00	0.00	0.00	0.00	0.00	0.00
7. Trnsnp. Landuse Connections	160,000.00	16,348.72	24,755.48	2,529.50	135,244.52	13,819.22
8. Human Service Trnsnp. Study	20,000.00	0.00	3,094.44	0.00	16,905.56	0.00
9. MSWG Support	15,000.00	14,147.40	2,320.83	2,188.91	12,679.17	11,958.49
10. Other Tasks to be defined	158,039.00	0.00	24,452.07	0.00	133,586.93	0.00
SUBTOTAL	681,039.00	98,165.57	105,371.56	15,188.35	575,667.44	82,977.22
C. Virginia						
1. VA Data Documentation	15,000.00	22,293.76	2,320.83	3,449.33	12,679.17	18,844.43
2. FY16 Travel Monitoring	120,000.00	159,378.81	18,566.61	24,659.37	101,433.39	134,719.44
3. FY16 Travel Demand Modeling	120,000.00	5,931.60	18,566.61	917.75	101,433.39	5,013.85
4. FY16 Regional Sub Region Study	119,899.00	79,875.12	18,550.98	12,358.42	101,348.02	67,516.70
5. MSWG Support	15,000.00	14,147.40	2,320.83	2,188.91	12,679.17	11,958.49
6. Other Tasks to be defined	303,622.00	0.00	46,976.93	0.00	256,645.07	0.00
7. Other Tasks to be defined	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL	693,521.00	281,626.69	107,302.79	43,573.78	586,218.21	238,052.91
D. WMATA						
1. WMATA Program Development	5,000.00	2,370.30	5,000.00	2,370.30	0.00	0.00
2. Misc. Services	4,499.00	925.15	4,499.00	925.15	0.00	0.00
3. MSWG Support	5,000.00	4,715.81	5,000.00	4,715.81	0.00	0.00
4. Model Development for Transit	90,121.00	0.00	90,121.00	0.00	0.00	0.00
5. 2015 Metrobus/Metro rail Survey	24,100.00	20,002.53	24,100.00	20,002.53	0.00	0.00
6. Paratransit Study	96,100.00	27,542.28	96,100.00	27,542.28	0.00	0.00
7. WMATA Other Tasks to be defined	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL	224,820.00	55,556.06	224,820.00	55,556.06	0.00	0.00
GRAND TOTAL	1,934,756.00	579,115.47	489,384.32	136,562.10	1,445,371.68	442,553.37

**FY 2016 TRANSPORTATION PLANNING BOARD
COG/TPB BUDGET EXPENDITURE SUMMARY**

March 31, 2016

	BUDGET TOTAL	FUNDS EXPENDED	% FUNDS EXPENDED
1. PLAN SUPPORT			
A. Unified Planning Work Program (UPWP)	73,550.00	49,319.86	67%
B. Transp Improvement Program (TIP)	225,300.00	118,735.87	53%
C. Constrained Long-Range Plan	625,885.00	448,799.32	72%
D. Financial Plan	65,550.00	29,042.91	44%
E. Public Participation	491,060.00	338,065.99	69%
F. Performance-Based Planning for CLRP/TIP	100,000.00	41,715.93	42%
G. Annual Report	83,350.00	49,681.50	60%
H. Transportation/Land Use Connection Program	434,900.00	105,884.92	24%
I. DTP Management	733,771.00	230,730.37	31%
SUBTOTAL	2,833,366.00	1,411,976.67	50%
2. COORDINATION PLANNING			
A. Congestion Management Process (CMP)	213,150.00	130,841.66	61%
B. Management, Operations, & ITS Planning	429,050.00	268,838.13	63%
C. Emergency Preparedness Planning	78,400.00	51,832.77	66%
D. Transportation Safety Planning	130,100.00	71,764.47	55%
E. Bicycle and Pedestrian Planning	126,250.00	99,372.05	79%
F. Regional Public Transportation Planning	230,600.00	78,624.37	34%
G. Human Service Transportation Coordination	142,700.00	117,415.71	82%
H. Freight Planning	156,050.00	106,452.13	68%
I. MATOC Program Planning Support	124,850.00	79,211.03	63%
SUBTOTAL	1,631,150.00	1,004,352.31	62%
3. FORECASTING APPLICATIONS			
A. Air Quality Conformity	590,500.00	443,687.48	75%
B. Mobile Emissions Analysis	714,500.00	485,125.56	68%
C. Regional Studies	587,200.00	510,795.16	87%
D. Coord Coop Forecasting & Transp Planning	839,400.00	627,905.14	75%
SUBTOTAL	2,731,600.00	2,067,513.34	76%
4. DEVELOPMENT OF NETWORKS AND MODELS			
A. Network Development	800,800.00	581,436.80	73%
B. GIS Technical Support	571,000.00	415,303.68	73%
C. Models Development	1,214,500.00	737,853.63	61%
D. Software Support	186,200.00	146,293.69	79%
SUBTOTAL	2,772,500.00	1,880,887.80	68%
5. TRAVEL MONITORING			
A. Cordon Counts	261,000.00	72,418.75	28%
B. Congestion Monitoring and Analysis	389,100.00	214,448.52	55%
C. Travel Surveys and Analysis Household Travel Survey	1,959,800.00	35,938.16	2%
D. Regional Transportation Data Clearinghouse	330,700.00	102,818.18	31%
SUBTOTAL	2,940,600.00	425,623.61	14%
SUBTOTAL CORE PROGRAM ITEMS 1-5	12,909,216.00	6,790,353.74	53%
6. TECHNICAL ASSISTANCE			
A. District of Columbia	335,376.00	143,767.14	43%
B. Maryland	681,039.00	98,165.57	14%
C. Virginia	693,521.00	281,626.69	41%
D. WMATA	224,820.00	55,556.06	25%
SUBTOTAL	1,934,756.00	579,115.49	30%
TPB GRAND TOTAL	14,843,972.00	7,369,469.20	50%