

FY 2016



National Capital Region
Transportation Planning Board

Work Program Progress Report
DECEMBER • 2015

METROPOLITAN WASHINGTON COUNCIL OF GOVERNMENTS
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1. PLAN SUPPORT

A. Unified Planning Work Program (UPWP)

The progress report for November on UPWP work activities was prepared. Staff worked on a draft outline for the FY 2017 UPWP for presentation in January.

B. Transportation Improvement Program (TIP)

At their December 4 meeting, the TPB Technical Committee reviewed the draft Call for Projects document for the 2016 CLRP Amendment and the FY 2017-2022 TIP, and ancillary materials. The TPB reviewed and approved the Call for Projects document at its December 16 meeting.

C. Constrained Long-Range Plan (CLRP)

At their December 4 meeting, the TPB Technical Committee reviewed the draft Call for Projects document for the 2016 CLRP Amendment and the FY 2017-2022 TIP, and ancillary materials and a proposed methodology for a project-level CLRP-RTPP assessment to be released during the initial public comment period following the project submissions. The TPB reviewed and approved the Call for Projects document at its December 16 meeting.

D. Financial Plan

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

E. Public Participation

At its monthly meeting, the Citizens Advisory Committee (CAC) discussed the upcoming TPB agenda and the proposed work plan for the Unfunded Capital Needs Working Group. The committee also discussed and voted on a CAC recommendation that the TPB and member jurisdictions commit to eliminating all traffic fatalities no later than 2035. This recommendation requested that each jurisdiction develop a plan for eliminating traffic deaths.

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

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

F. Performance Based Planning

The TPB Technical Committee was briefed on the MAP-21 rulemaking schedule and TPB staff continued tracking performance measurement notices by USDOT and other performance provisions activities. Presentations were prepared and given on the initial results of performance measures for the TPB metropolitan planning area in the categories of Highway Safety and Highways Conditions: Pavement and Bridges. These results were also shared with key stakeholders, including a webinar and conference call on the Highway Conditions results with State DOT stakeholders.

TPB staff participated in a two-day workshop hosted by the American Public Transportation Association (APTA) and held at WMATA on transit agency and MPO coordination for the performance provisions, which was attended by approximately 40 transit agency and MPO staff from across the nation. TPB staff also participated in a two-day work group hosted by

American Association of State Highway and Transportation Organizations (AASHTO) on the EconWorks tool for assessing the economic performance of transportation investments.

G. TPB Annual Report and TPB News

The *TPB News* was produced and distributed.

Staff developed an outline for the next Region magazine and discussed it internally.

H. Transportation / Land Use Connection Program (TLC)

Contracts were signed for the new TLC projects and work commenced on the projects.

A consultant worked on an evaluation of the TLC Program. Surveys results were tabulated and analyzed. Case studies were researched and written.

I. DTP Management

Staff support was provided for the December 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 December TPB Meeting.

The DTP Director participated in the December TPB/MWAQC Technical Advisory Committee conference call.

The DTP Director participated in several FTA /TOC /COG WMATA Safety Oversight meetings held in December.

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

The DTP Director attended the Chief Administrative Officers Retreat on Economic Competiveness held at National Harbor.

The DTP Director met with new the WMATA General Manager Paul Wiedefeld.

The DTP Director held a conference call with the TPB Nominating Committee on the slate of TPB members to be nominated to serve as TPB Chair, 1st Vice Chair and 2nd Vice Chair for calendar year 2016.

The DTP Director met with nominated in-coming TPB Chairman Tim Lovain to discuss a proposed TPB working group to explore enhancements to the CLRP development process, the Unfunded Capital Needs Study, and other potential TPB initiatives in 2016.

The DTP Director discussed a potential Virginia MPO grant funding opportunity with VDOT Deputy Secretary of Transportation Nick Donohue.

The DTP Director reviewed a revised draft Memorandum of Understanding (MOU) between TPB, the Calvert-St Mary's MPO& Calvert County on the conduct of air quality conformity analysis for the 8-hour ozone non-attainment area.

The DTP Director participated in the December TIGER Grant project management teleconference.

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

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 with source data and information gathering.

Staff read and conducted a preliminary analysis of the CMP aspects of the Fixing America's Surface Transportation (FAST) Act signed by President Obama on December 4. A Congestion Management Plan is now an optional item over and above the existing requirements of the Congestion Management Process for large MPOs.

On December 15, staff participated in the Smart Cities Forum at the US DOT headquarters.

On December 17, staff monitored the I-95 Corridor Coalition Vehicle Probe Project agency team webcast.

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

The December 8, 2015 joint meeting of the MOITS Technical Subcommittee and the MOITS Traffic Signals Subcommittee was organized and conducted. The Subcommittees received information and provided input on the recently conducted annual survey of traffic signal power back-up systems in the region; on recent Maryland ITS initiatives; on outcomes from a recent VDOT traffic signals vendor demonstration event; and a Maryland US 1 adaptive traffic signal installation. Also prepared and discussed by the Subcommittees was a staff memorandum on strategic planning for the MOITS program for calendar year 2016 and fiscal year 2017; follow-up was anticipated for January.

Staff participated in the regular Northern Virginia signal managers meeting at VDOT as well as the monthly coordination meeting for the regional TIGER grant.

C. Transportation Emergency / Security Planning

Information sharing and preparations for future meetings of the Regional Emergency Support Function 1 (RESF-1) Committee continued.

D. Transportation Safety Planning

Information on potential target setting approaches related to the implementation of MAP-21 safety performance management requirements was prepared and presented to the TPB Technical Committee.

Staff attended USDOT-sponsored webinars on ITS applications for pedestrians and bicycles (including detector and traffic signal improvements to diminish conflicts for vulnerable users at intersections), and on crash investigation and reconstruction analysis.

E. Bicycle and Pedestrian Planning

Staff participated in a meeting of the Regional Trails Coalition core group meeting and presented information on the Bicycle Beltway vision and proposed routes currently under development, as well as the TPB staff's on-line mapping tool. Coalition participants expressed support for incorporating those routes into their proposed Regional Trails

network, as well as using the map tool or something similar to identify network gaps and potential projects.

Enhancements were made to the Bicycle Beltway on-line mapping tool based on Bicycle and Pedestrian Subcommittee comments.

Preparations began for the January Bicycle and Pedestrian Subcommittee meeting.

F. Regional Public Transportation Planning

The Regional Public Transportation Subcommittee did not meet in December. TPB staff continued development of the proposed State of Public Transportation Report. TPB staff attended the monthly WMATA JCC meeting and participated in an FTA webinar on the National Transit Database Asset Inventory Expansion module.

G. Human Service Transportation Coordination

During the month of December, staff continued to support the Enhanced Mobility grant selection process. Staff finalized summaries of the 24 applications for the Selection Committee. Selection committee members were confirmed; the committee chair is TPB member Patrick Wojahn. Staff scored the 24 applications based on the selection criteria and prepared materials for presentation at the selection committee meeting. The selection committee convened on December 18 to discuss funding recommendations and determine follow up questions for applicants. Staff emailed the follow up questions to the applicants and answered questions from the applicants about the process. After responses were received from the applicants, staff worked with the Selection Committee via email to develop the final funding recommendations. A memo to request TPB officer concurrence with the recommendations was drafted.

H. Freight Planning

Staff participated in a DC to Richmond Southeast High Speed Rail public information meeting to review the preliminary alternatives to be carried forward for detailed evaluation as part of the EIS.

Based on input gathered from the October TPB Work Session as well as input from the Technical Committee, the TPB Freight Subcommittee and regional stakeholders, staff developed a set of draft freight policy statements.

Staff developed the agenda and prepared materials for the regularly scheduled January 2016 TPB Freight Subcommittee WebEx meeting.

Staff completed FHWA's MPO Freight Program Assessment survey and uploaded it to the program assessment web site.

Progress continued on the Draft National Capital Region Freight Plan, including information collection of regional warehouse and distribution facilities.

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.

In the December 2015 period, staff prepared for and participated in a number of events to help support the University of Maryland's MATOC Staff's execution of the annual MATOC Work Plan.

The December 2 MATOC Traffic Incident Management (TIM) Conference Planning Working Group conference call was organized and conducted, among a number of calls and meetings anticipated over the coming months for organizing an April 2016 regional TIM conference.

The December 10 meeting of the MATOC Severe Weather Working Group was organized and conducted at the National Weather Service offices in Sterling, Virginia, providing a major season-starting meeting between transportation agency snow personnel and the region's weather forecasters.

The December 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 December 17 MATOC Operations Subcommittee conference call was organized and conducted, providing an opportunity for information exchange and coordination among major transportation agencies on the operations and notifications aspects of the MATOC Program.

Staff also followed up on action items identified at previous meetings, and began preparations for January committee meetings. Activities were in coordination with the MATOC staff from the University of Maryland Center for Advanced Transportation Technology.

Staff continued development of a retrospective Annual Report publication for the MATOC Program for 2015, to be finalized and published this fall. At the direction of the MATOC Steering Committee, the time period to be covered by this publication was changed from FY2015 (July 1, 2014 to June 30, 2015) to calendar year 2015.

3. FORCASTING APPLICATIONS

A. Air Quality Conformity

The report documenting the air quality conformity determination of the 2015 CLRP Amendments was transmitted to the FHWA on December 3 and to the State DOTs on December 9.

Staff completed the anticipated schedule for the air quality conformity assessment of the 2016 CLRP and FY2017-2022 TIP. The proposed schedule and related solicitation documents (Call for Projects) were approved by the TPB on December 16.

Staff finalized a formal agreement between the TPB and the Calvert-St. Mary's MPO (C-SMMPO) and Calvert County, Maryland which essentially states that the regional air quality conformity analysis will consider transportation plans and programs in Calvert County. (Calvert County is within the existing 8-Hour Ozone Nonattainment area and Calvert County projects have been considered in past conformity studies, but no formal agreement has ever been established until now). The agreement was formulated in coordination with all relevant local, state and federal representatives. The agreement was shared with the TPB Technical Committee, the TPB and the Conformity Subcommittee.

Staff responded to a request from VDOT regarding coordinating Interagency Consultation for the “Transforming I-66 Outside the Beltway” project. Staff facilitated review and discussion of a comparison of VDOT’s current alternative, the Locally Preferred Alternative, with the Alternative 2B, which was included in the most recent Air Quality Conformity Analysis of the 2015 CLRP. The information was shared with the TPB Technical Committee and the Conformity Subcommittee.

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

Staff participated in a Virginia Consultation Group meeting (12/14) where VDOT shared a Resource Document developed to facilitate and streamline the preparation of project-level (“hot spot”) air quality analyses.

B. Mobile Emissions Analysis

DTP staff forwarded its draft PM2.5 SIP Update documentation to COG DEP staff for their review. The analysis included regional/annual estimates of PM2.5, NOx, SO2, VOC, and NH3 emissions for analysis years: 2007, 2017, and 2025. This work was undertaken to update the 1997 PM2.5 maintenance plan and mobile budgets using the latest modeling methods and planning assumptions. DEP and DTP staff coordinated on developing a joint presentation which described the analysis and proposed mobile budget approaches for a revision of the Fine Particles Maintenance Plan. Presentations were made to the Emissions Inventory Subcommittee on December 16. Staff plans to share the presentation with the TPB Technical Committee and the MWAQC Technical Advisory Committee in January.

DEP and DTP staff coordinated with the consultant regarding the multi-sector greenhouse gas work-group effort currently underway in preparation for the upcoming MSWG Elected Official Policy Working Group meeting planned to occur on January 7.

Staff further streamlined execution of MOVES 2014 model, which will make the process more user-friendly and easier to execute. Following the official release of MOVES2014a, staff began conducting MOVES2014a tests and reviewing draft results against MOVES2014 summaries.

Staff kept up-to-date with MARAMA MOVES modeling activities as part of the photochemical modeling exercise for the new ozone and fine particle standards.

Staff attended an AMPO Air Quality Work Group conference on December 15 in Washington, D.C. The conference was an informal forum for MPO representatives to share information pertaining to the air quality area.

C. Regional Studies

Staff reviewed the work plan approved by the Unfunded Capital Needs Working Group in November and prepared follow-up activities. Staff also prepared for a work session, which was planned for the morning of the January TPB meeting, to discuss proposed enhancements to the long-range planning process that could be incorporated into work related to unfunded capital needs.

Staff contacted the TPB, MWAQC, CEEPC and COG Board members appointed to serve on the Elected Official Policy Working Group to advise the COG Board on Multi-Sector Greenhouse Gas Consensus Recommendations and confirmed a January 7th meeting date.

Staff refined the draft list of recommended consensus Multi-Sector Working Group (MSWG) transportation and land use strategies for consideration by the Elected Official Policy Working Group and prepared Power Point presentations and other meeting materials for the January 7th meeting.

D. Coordination Cooperative Forecasting & Transportation Planning

Staff met with the members of the Cooperative Forecasting Subcommittee on December 1 to continue the process to reconcile the preliminary jurisdictional Round 9.0 Cooperative Forecasts with the results of the Round 9.0 econometric model. Revised preliminary jurisdictional Round 9.0 Cooperative Forecasts submitted by DC, Alexandria, Fairfax and Frederick County planning reduced the difference between the sum of the local employment forecasts and the econometric model. Nonetheless, further revisions by other jurisdictions will be necessary to complete the reconciliation process.

Staff met with planning staff from Montgomery County, Rockville, and Gaithersburg to discuss Montgomery County's preliminary Round 9.0 forecasts for the outer years of the forecast period and asked the planning staff for these jurisdictions to review their preliminary Round 9.0 forecasts in relation to Montgomery County's historic and current share of total regional growth.

Staff briefed the Planning Directors Technical Advisory Committee at their December 18 webinar meeting on the status of the reconciliation of Round 9.0 forecasts and the remaining work to complete the reconciliation process.

The grant application to the Capital One Foundation to obtain funding needed to procure a subscription to the Labor Insight tool developed by Burning Glass for analysis of current labor market trends was approved. Staff procured a license from use Burning Glass for use of the Labor Insight tool.

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

Technical network coding in support of the Unfunded Capital Needs Working Group has continued in December, and is ongoing.

The documentation of the transportation networks reflecting the 2015 CLRP continued in December and is expected to be completed in early January.

Preparation of the multi-year network geodatabase, supporting the upcoming 2016 CLRP Air Quality Conformity Analysis, has begun. Staff has recently completed highway and transit network coding updates to reflect the I-66, "Outside the Beltway" Alternative B scenario as it currently is planned.

Staff has continued the updating the base-year (2015) transit network, which serves as the basis for developing all future-year transit networks. Information to code transit networks comes from both machine-readable sources, such as GTFS schedule data, and non-

machine-readable sources, such as PDF documents and paper schedules. It is expected that the base-year updated will be completed by the end of January.

B. GIS Technical Support

Staff continued to monitor and manage the operational performance of the ArcGIS server.

Staff completed work on the TPB Unfunded Capital Needs web map application's proxy settings to provide secure access to the GIS data layers. Staff compiled updated unfunded capital needs data from WMATA, Frederick County, and regional bicycle and pedestrian projects for inclusion in the TPB Unfunded Capital Needs web map application.

Staff assisted Department of Community Planning and Services (DCPS) staff with a COG membership map for publication.

Staff began to review the changes to the current Bicycle Beltway GIS application requested by the TPB Bicycle and Pedestrian Subcommittee.

Staff resolved a discrepancy concerning a CLRP highway project where the project limits shown on the CLRP map did not match the descriptive text for this project.

Staff participated in a conference call with senior Esri staff to discuss how DTP staff can leverage its existing and planned GIS applications to better support TPB's work program activities as Esri continues to incorporate major new upgrades into its GIS software and other products.

Staff planned and participated in the December 9 meeting of the National Capitol Region Geospatial Data Exchange (NCR GDx) Governance Working Group. The future direction of the NCR GDx was discussed at this meeting. Staff assisted the consultant working with the NCR GDx connect with various committees supporting different emergency service functions (ESFs).

C. Models Development

Staff completed a memorandum documenting a more streamlined methodology to implement existing procedures used to estimate tolls on HOT-lane facilities. The procedure reduces manual intervention that is currently required and will allow external agencies the ability to apply the toll-setting process for project planning purposes.

Staff tested an alternate (newly received) toll-setting methodology recommended by AECOM, a consultant agency that advised COG staff previously. Documentation on staff's test results are expected next month.

As per the consultant-assisted project to develop and apply the regional travel demand model, staff received a letter, dated December 9, from WMATA, transmitting comments on COG's short-term implementation plan for making updates to the trip-based regional travel demand model. A follow-up meeting to discuss points in the letter will be planned in early January.

The consultant (Cambridge Systematics, Inc.) transmitted three revised, proposed task orders for the remainder of the fiscal year:

- Task Order 16.2: Advice and Testing.
- Task Order 16.3: Managed Lanes.
- Task Order 16.4: Non-Motorized Model Enhancements

An additional proposal (Task Order 16.5: Mode Choice Model Enhancements), has not been revised and is still being considered by TPB staff. Staff authorized CS to begin work on Task Order 16.2 on Dec. 28.

Staff responded to eight technical data requests during December, including one request for the currently adopted travel model, a request for land activity inputs to the model and a request for activity center shape-files.

Staff presented to the TPB Technical Committee on the status of the draft strategic plan for development and improvement of the regional travel demand model.

Staff attended, via a webinar connection, the AMPO Travel Modeling Work Group meeting held, December 17-18 in Atlanta, Georgia. The focus of the meeting was the use of dynamic traffic assignment (DTA) at MPOs. A TPB staff member (Mark Moran) presented on the status of Activity-Based Models and Dynamic Traffic Assignment at Peer MPOs. The content of the presentation was based on a survey conducted by TPB staff and Cambridge Systematics in the spring of 2015.

On December 16, staff attended a webinar about a software package developed by Cambridge Systematics to apply activity-based travel demand models (ABMs).

D. Software Support

Staff transferred and backed-up data to free up additional space on the travel modeling team's computing servers.

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

Staff performed some final benchmark testing on the new travel model server, tms7, to determine the best configuration for the hard drive. A memorandum on the benchmark tests conducted on tms7 is expected in January.

5. TRAVEL MONITORING

A. Cordon Counts

Staff responded to requests for data from the recent HOV report and cordon count report.

B. Congestion Monitoring and Analysis

Findings and recommendations from the 2015 One-Second Time-Lapse Aerial Photography Pilot Study were presented at the December TPB Technical Committee and MOITS Technical Subcommittee meetings.

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

No staff work activity during the reporting period.

D. Regional Transportation Data Clearinghouse (RTDC)

Staff created the ArcGIS Online (AGOL) content items needed to enable the sharing of the Round 8.4 Cooperative Forecasting data on the RTDC project page.

Staff continued to collect data on average weekday transit ridership data from regional transit providers and began processing the transit operator data that has already been collected.

Staff extracted 2007 traffic count data by hour of day from the RDTC and linked it to the 2007 highway network in response to a data request from Models Development team.

Staff began analysis of annual growth (2014-2015) at ATR stations located in the TPB planning region.

Staff began identification of traffic count locations at the external borders of the TPB Planning Region.

6. TECHNICAL ASSISTANCE

A. DISTRICT OF COLUMBIA

1. Program Development, Data Requests & Miscellaneous Services

No staff work activity during the reporting period.

2. Traffic Counts and HPMS Support

The December HPMS Coordinating Committee meeting included status updates by TPB Staff on: the short-term counting program, permanent count station data, CY 2016 – CY 2021 Traffic Counting Program, and COG/TPB's response to FHWA's recent survey on traffic monitoring data collection.

The following November 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 November data summaries and notations on missing or questionable data records.

Staff provided the following technical assistance to DDOT staff:

- Received and reviewed 19 traffic counts. All of the counts, except for two, were accepted. One count was conducted at the wrong location and the other contained an error in the data file which is being corrected.
- Provided assistance with setting up fields in a database to produce a TMG data report.
- Modified Traffic Monitoring Program Documentation.

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 reviewed the MD Technical Assistance Program with a focus on what work elements are envisioned for the second half of the fiscal year for transition to the new program manager.

2. Project Planning Studies

Staff continued working on the Veirs Mill Road (MD 586) study. Staff coordinated project efforts with MD SHA and project team staff throughout the month of December. Staff attended a technical briefing with MD SHA forecasting staff and worked with MD SHA to document the differences between the initial forecasts and most recent Alternatives Retained for Detailed Study (ARDS) forecasts.

3. Feasibility/Special Studies

No staff work activity during the reporting period.

4. Transportation Performance Measures

No staff work activity during the reporting period.

5. Training/Miscellaneous Technical Support

No staff work activity during the reporting period.

6. Transportation / Land Use Connections Program (TLC)

Contracts were signed for the new TLC projects and work commenced on the projects.

A consultant worked on an evaluation of the TLC Program. Surveys results were tabulated and analyzed. Case studies were researched and written.

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 attended the monthly meetings of the NVTa, the NVTa RJACC, and the December CTB meeting.

2. Travel Monitoring and Survey

Staff continued work on the draft technical memorandum for mode share analysis in the I-66 inside the Beltway corridor.

3. Travel Demand Modeling

No staff work activity during the reporting period

4. Regional and Sub-Regional Studies

Staff analyzed VPP data along I-66 inside the Beltway for the evaluation of the bus-on-shoulder pilot.

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

No staff work activity during the reporting period.

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

No staff work activity during the reporting period.

6. Regional Accessibility Strategy for Paratransit Service

During the month of December, the consultant continued work on Tasks 1, 2 and 3. A working draft on findings from Tasks 1 and 2 (Federal regulations and regional NEMT practices) was completed. The consultant began to request trip data from the appropriate agencies in MD, VA, and D.C. A project team conference call was held on December 16 with the consultant, KFH Group, Inc., the WMATA representative and COG/TPB staff to discuss the findings to date and next steps. These consultant charges will appear in the January invoice as the consultant's invoice was received by COG too late to be posted in December.

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

A. CASP 27

1. 2015 Air Passenger Survey

The survey contractor continued survey file creation. Staff began checking the SAS code for the survey file quality assurance / quality control tests. Staff completed a survey data request for FAA headquarters.

2. Update Ground Access Forecasts/Ground Access Element

Staff continued work on the final study report.

3. Air Cargo Element Update

Staff continued work in the supply and demand analysis for the Air Cargo Element.

4. Ground Access Travel Time Study

Staff continued processing the continuous data from the Vehicle Probe Project for compilation and analysis of travel times.

8. **SERVICES/SPECIAL PROJECTS**

No staff work activity during the reporting period.

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

December 31, 2015

	BUDGET TOTAL	FUNDS EXPENDED	% FUNDS EXPENDED
1. PLAN SUPPORT			
A. Unified Planning Work Program (UPWP)	73,550.00	33,373.48	45%
B. Transp Improvement Program (TIP)	225,300.00	77,290.46	34%
C. Constrained Long-Range Plan	625,885.00	308,322.92	49%
D. Financial Plan	65,550.00	8,538.49	13%
E. Public Participation	491,060.00	216,995.92	44%
F. Performance-Based Planning for CLRP/TIP	100,000.00	29,268.01	29%
G. Annual Report	83,350.00	32,116.87	39%
H. Transportation/Land Use Connection Program	434,900.00	72,144.66	17%
I. DTP Management	733,771.00	146,741.38	20%
SUBTOTAL	2,833,366.00	924,792.20	33%
2. COORDINATION PLANNING			
A. Congestion Management Process (CMP)	213,150.00	73,120.19	34%
B. Management, Operations, & ITS Planning	429,050.00	184,537.86	43%
C. Emergency Preparedness Planning	78,400.00	34,486.57	44%
D. Transportation Safety Planning	130,100.00	49,022.84	38%
E. Bicycle and Pedestrian Planning	126,250.00	68,535.99	54%
F. Regional Public Transportation Planning	230,600.00	52,478.94	23%
G. Human Service Transportation Coordination	142,700.00	82,132.32	58%
H. Freight Planning	156,050.00	73,337.67	47%
I. MATOC Program Planning Support	124,850.00	47,294.67	38%
SUBTOTAL	1,631,150.00	664,947.04	41%
3. FORECASTING APPLICATIONS			
A. Air Quality Conformity	590,500.00	379,679.34	64%
B. Mobile Emissions Analysis	714,500.00	299,728.63	42%
C. Regional Studies	587,200.00	367,545.01	63%
D. Coord Coop Forecasting & Transp Planning	839,400.00	393,802.53	47%
SUBTOTAL	2,731,600.00	1,440,755.50	53%
4. DEVELOPMENT OF NETWORKS AND MODELS			
A. Network Development	800,800.00	310,441.74	39%
B. GIS Technical Support	571,000.00	276,780.34	48%
C. Models Development	1,214,500.00	516,000.75	42%
D. Software Support	186,200.00	83,668.60	45%
SUBTOTAL	2,772,500.00	1,186,891.43	43%
5. TRAVEL MONITORING			
A. Cordon Counts	261,000.00	67,562.73	26%
B. Congestion Monitoring and Analysis	389,100.00	144,871.96	37%
C. Travel Surveys and Analysis Household Travel Survey	1,959,800.00	35,559.40	2%
D. Regional Transportation Data Clearinghouse	330,700.00	59,517.27	18%
SUBTOTAL	2,940,600.00	307,511.36	10%
SUBTOTAL CORE PROGRAM ITEMS 1-5	12,909,216.00	4,524,897.53	35%
6. TECHNICAL ASSISTANCE			
A. District of Columbia	335,376.00	87,105.38	26%
B. Maryland	681,039.00	55,918.34	8%
C. Virginia	693,521.00	242,410.95	35%
D. WMATA	224,820.00	8,669.41	4%
SUBTOTAL	1,934,756.00	394,104.10	20%
TPB GRAND TOTAL	14,843,972.00	4,919,001.61	33%

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

December 31, 2015
SUPPLEMENT I

	TOTAL		FTA/STA/LOC		FTA		PL FUNDS/LOC	
	AUTHORIZED BUDGET	TOTAL EXPENDITURES	AUTHORIZED BUDGET	EXPENDITURES	AUTHORIZED BUDGET	EXPENDITURES	AUTHORIZED BUDGET	FHWA EXPENDITURES
A. District of Columbia								
1. Data Request & Misc SVCS	10,000.00	778.64	1,547.22	120.47	8,452.78	658.17		
2. DDOT HPMS	235,000.00	76,870.42	36,359.61	11,893.53	198,640.39	64,976.89		
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	9,456.32	2,320.83	1,463.10	12,679.17	7,993.22		
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	87,105.38	51,889.97	13,477.10	283,486.03	73,628.29		
B. Maryland								
1. MD Program Development	18,000.00	6,002.96	2,784.99	928.79	15,215.01	5,074.17		
2. Project Planning Studies	90,000.00	39,256.11	13,924.96	6,073.77	76,075.04	33,182.34		
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	936.74	12,377.74	144.93	67,622.26	791.80		
5. Training Misc. Tech Support	50,000.00	266.21	7,736.09	41.19	42,263.91	225.02		
6. Statewide Transp/ Model Support	0.00	0.00	0.00	0.00	0.00	0.00		
7. Trnsnp. Landuse Connections	160,000.00	0.00	24,755.48	0.00	135,244.52	0.00		
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	9,456.32	2,320.83	1,463.10	12,679.17	7,993.22		
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	55,918.34	105,371.56	8,651.78	575,667.44	47,266.55		
C. Virginia								
1. VA Data Documentation	15,000.00	18,435.99	2,320.83	2,852.45	12,679.17	15,583.54		
2. FY16 Travel Monitoring	120,000.00	137,951.89	18,566.61	21,344.16	101,433.39	116,607.73		
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	70,635.14	18,550.98	10,928.79	101,348.02	59,706.35		
5. MSWG Support	15,000.00	9,456.32	2,320.83	1,463.10	12,679.17	7,993.22		
6. Other Tasks to be defined	303,622.00	0.00	46,976.93	0.00	256,645.07	0.00		
SUBTOTAL	693,521.00	242,410.95	107,302.79	37,506.25	586,218.21	204,904.70		
D. WMATA								
1. WMATA Program Development	4,499.00	308.38	4,499.00	308.38	0.00	0.00		
2. Misc. Services	5,000.00	925.15	5,000.00	925.15	0.00	0.00		
3. 2015 Metrobus Passenger On-Board Survey	24,100.00	3,152.11	24,100.00	3,152.11	0.00	0.00		
4. MSWG Support	5,000.00	0.00	5,000.00	0.00	0.00	0.00		
5. Model Development for Transit	90,121.00	0.00	90,121.00	0.00	0.00	0.00		
6. Paratransit Study	96,100.00	4,283.77	96,100.00	4,283.77	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	8,669.41	224,820.00	8,669.41	0.00	0.00		
GRAND TOTAL	1,934,756.00	394,104.08	489,384.32	68,304.54	1,445,371.68	325,799.54		