

FY 2014

**National Capital Region
Transportation Planning Board (TPB)**

**Work Program Progress Report
OCTOBER • 2014**

PROGRAM HIGHLIGHTS

1. PLAN SUPPORT

A. Unified Planning Work Program (UPWP)

Work continued monitoring the activities under the FY 2015 UPWP which began on July 1, 2014. In October, TPB senior staff participated in the two-day certification review of the transportation planning process for the Washington region conducted by the Federal Highway Administration (FHWA) and Federal Transit Administration (FTA).

B. Transportation Improvement Program (TIP)

At their October 3rd meeting, the TPB Steering Committee approved two amendments to the FY 2013-2018 TIP. The first amendment was requested by the Virginia Department of Transportation (VDOT) to add funding for the Battlefield Parkway Extension project. The second amendment was requested by the District Department of Transportation (DDOT) to add funding for the Freight Delivery Pilot Project.

The TPB Technical Committee was briefed on the draft FY 2015-2020 TIP at their meeting on October 3rd. The public comment period on the draft TIP closed on October 11; no comments were received on the TIP. The TPB approved the FY 2015-2020 TIP at their meeting on October 15.

C. Constrained Long-Range Plan (CLRP)

At their meeting on October 3rd, the TPB Technical Committee was briefed on the draft 2015 update to the CLRP.

The public comment period on the draft CLRP update closed on October 11th. Approximately 300 comments were received on the CLRP. TPB staff compiled the comments and worked with agency staff to develop responses. Those responses were presented to the TPB at their meeting on October 15, and accepted by the Board. The TPB approved the 2014 Update to the CLRP at the same meeting.

D. Financial Plan

The draft financial analysis for the 2014 CLRP which was released for public comment on September 15 together with the draft 2014 CLRP, FY 2015-2020 TIP and Conformity Analysis was approved by the TPB at its October 15 meeting. The draft analysis report will be finalized and incorporated into the documentation on the CLRP web page.

E. Public Participation

As part of the four-year federal certification of the TPB planning process, TPB staff prepared documentation on its public involvement activities and spoke at length about these activities during a meeting with the federal agencies on October 28 and 29. As part of the federal certification review, the federal agency representatives met with the TPB's Citizens Advisory Committee on October 9 to discuss the TPB's public involvement activities.

Also at the CAC's October 9 meeting, the committee discussed integrating the Regional Transportation Priorities Plan into the CLRP and other regional planning work.

Staff planned for the next session of the TPB's Community Leadership Institute, which was scheduled for November 6, 12, and 15. Activities include participant recruitment and redesign of presentations and curriculum.

Staff worked on the update of pages on the COG website related to transportation. Staff also updated content for the TPB's Information Hub website.

Access for All Advisory Committee (AFA)

During the month of October, staff prepared for and assisted a meeting of the AFA committee on October 26. The meeting included the following agenda items: an overview of the comments that the AFA submitted on the 2014 CLRP to the TPB; a discussion with federal agency representatives regarding the TPB's federal certification review; a review of COG's accommodations policy for people with disabilities and limited English ability; an update of the TPB's first enhanced mobility solicitation; a presentation on Metro's bus stop accessibility efforts; and a presentation on the 2014 CLRP performance analysis.

F. Private Enterprise Participation

No work activity during the reporting period.

G. TPB Annual Report and TPB News

Four editions (every Tuesday) of *The TPB Weekly Report* were produced and emailed during the reporting period.

The October *TPB News* was produced and distributed.

H. Transportation / Land Use Connection Program (TLC)

Staff finalized consultant selection for the nine technical assistance projects that will be funded for the TLC program in FY2014. A total of 34 proposals from consultants were received. Staff developed contracts for the projects. The projects are anticipated to begin in November and December.

Staff planned the next TLC Peer Exchange event, which will be a webinar in early 2014 on the 19th Street LID street repaving project.

Based upon an internal staff review and consultation with the state agencies, the TPB Steering Committee approved funding for four projects in the District of Columbia and one project in Maryland that were submitted for funding from the federally funded Transportation Alternatives Program (TAP). As an MPO, the TPB has responsibility for project selection for a portion of TAP funds allocated to our region.

I. DTP Management

In addition to staff support for the meetings of the TPB, the TPB Steering Committee and the TPB Technical Committee, the following activities were undertaken:

The Director made a presentation to the joint meeting of the Metropolitan Washington Air Quality Committee (MWAQC) and the Climate, Energy, Environment Policy Committee (CEEPC) on Regional Transportation Planning process and the role of the Transportation Planning Board (TPB) in it. The presentation was in the context of MWAQC and CEEPC's interest to work with the TPB is having greenhouse gas considered as part of the Transportation Plan development process.

The Director participated in the FHWA and FTA's site visits to the TPB as part of its quadrennial certification review on October 9th (CAC and AFA meetings) and on October 28th and 29th. This periodic review by the federal agencies covered all aspects of metropolitan planning as executed by the TPB. A report of the findings of the review is expected in the first quarter of 2015.

The Director visited with the Baltimore Regional Transportation Board on peer-to-peer exchange to review and learn the metropolitan planning process as being carried out in the Baltimore metropolitan area.

The Director attended part of "Transit, Development, and Urban Form: Paris and Washington" symposium hosted by the National Center for Smart Growth at the University of Maryland. Topics discussed in the forum included The Effects Of Bike Share On Transit Ridership, A Paradigm Changing How We Live And Travel Or More Of The Same? Impacts Of Transit-Oriented Development In The Washington Metropolitan Area and Transit-Induced Gentrification: Who Will Stay, and Who Will Go?

The Director also attended in the annual conference of the Association of Metropolitan Planning Organizations in Atlanta between October 21st and 24th. This annual conference had more than 25 different session on a multitude of topics including, Performance Based Planning, Freight, Complete Streets and Climate Change.

2. COORDINATION PLANNING

A. Congestion Management Process (CMP)

The quarterly update of the National Capital Region Congestion Report was successfully developed and posted on the TPB website. The report included a spotlight focusing on the formation of the [Vehicle Probe Data Users Group](#). The finalized 3rd quarter 2014 report was posted at www.mwco.org/congestion.

The new Vehicle Probe Data Users Group of the TPB's Management, Operations and Intelligent Transportation Systems (MOITS) Technical Subcommittee was successfully established. Staff hosted the kick-off meeting of the Users Group at MWCOG that took place on Thursday, October 9, 2014 with 26 participants from the Washington region as well as VDOT Richmond central office and the Baltimore Metropolitan Council. Major presentations at the meeting included an overview of the Vehicle Probe Data Users Group, and a review COG/TPB's use of the Vehicle Probe Data and lessons learned. Staff began preparations and outreach to potential speakers for the next Group meeting, anticipated for January or February.

Staff prepared for and participated in the Washington Region Transportation Planning Process Federal Certification Review. Staff developed responses to written questions asked by the federal review team in the area of the Congestion Management Process. On October 28-29, staff participated in the federal team on-site review meeting and answered questions regarding the CMP.

On October 8, staff monitored the I-95 Corridor Coalition Vehicle Probe Project Agency Project Team Webcast. On October 22, staff monitored the I-95 Corridor Coalition Travel Information Services Program Track Committee Meeting via webcast.

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

The regular October 14, 2014 meeting of the MOITS Technical Subcommittee was prepared for and conducted. This meeting provided an opportunity for the Subcommittee to review a number of ongoing activities including 2014 Freeway Congestion Monitoring Using Aerial Surveying (see also Task 5.B.); Regional Emergency Support Function 1 – Emergency Transportation Committee

(RESF-1) and Urban Area Security Initiative (UASI) activities (see also Task 2.C.); the Draft National Capital Region Congestion Report for Traffic Conditions in the 2nd Quarter, 2014; and outcomes from the October 9 kickoff meeting of the Vehicle Probe Data Users Group under MOITS (see also Task 2.A.).

The regular October 2 meeting of the MOITS Traffic Signals Subcommittee was prepared for and conducted. A major focus was the ongoing survey to provide an update of the status of power backups for traffic signals regionally; responses to date compiled and analyzed. Information on this topic was presented to the October 14 MOITS Technical Subcommittee meeting. Coordination with local signals activities was helped in October with staff participation in the VDOT Northern Virginia Signals Managers meeting on October 7, as well as a staff site visit to the City of Alexandria traffic operations center, also examining recent improvements in Alexandria related to bus rapid transit and a new traffic responsive signals system.

Staff continued studying options for addressing cross-sector planning for climate change adaptation in response to presentations and discussion at the July 23 COG Climate, Energy, and Environment Policy Committee (CEEPC) meeting, a process that was expected to continue four-to-six months.

Updates continued toward a future revised version of the Regional ITS Architecture.

Staff participated in a periodic meeting of the Association of Metropolitan Planning Organizations (AMPO) Operations Work Group, held October 6 – 7 at the U.S. Department of Transportation in Washington, with beneficial peer exchange on technology and operations issues at the MPO level.

Staff attended the "America Answers: Fix My Commute" event, sponsored by the Washington Post, held October 21 in Washington, looking at best practices around the nation and emerging transportation technologies.

Staff prepared for and participated in the Washington Region Transportation Planning Process Federal Certification Review. Staff developed responses to written questions asked by the federal review team in the area of management, operations, and technology, in preparation for October 28 – 29 review meetings.

C. Transportation Emergency Preparedness Planning

Staff continued to work with the City of Alexandria, Arlington County, District of Columbia, Town of Herndon and Prince George's County in preparing Environmental and Historic Preservation (EHP) document in support of the Urban Area Security Initiative (UASI) grant.

The October meeting of the Regional Emergency Support Function 1 (RESF-1) Emergency Transportation Committee was prepared for and conducted, on

October 16, 2014. The meeting included presentation on Regional Transportation Planning for Disasters, Emergencies and Significant Events;

Final Review of the after Action Report for the 8/21 Evacuation Seminar & Tabletop Exercise; Update on National Capital Region Threat and Hazard Identification and Risk Assessment (NCR THIRA), and Review of FY14 UASI Project Kickoffs and related PMO Project Requirements.

The consultant team which supported the regional emergency evacuation transportation exercise finalized the after action report of the exercise based on the comments, and submitted the report to the exercise officers.

D. Transportation Safety Planning

The regular October 27, 2014 meeting of the Transportation Safety Subcommittee was prepared for and conducted. This meeting provided an opportunity for the Subcommittee to review a number of ongoing activities including a DDOT Report on DC Traffic Safety Statistics; a report on DDOT's experience with "HAWK" pedestrian-activated traffic signals, and staff compilation and analysis of regional 2013 Crash Data. Staff also coordinated with state agencies in the compilation of crash data.

In coordination with the Street Smart campaign consultant, and member agency staff, regional summary data on pedestrian and bicyclist fatalities as well as monthly pedestrian crashes, were compiled and published for use in the Fall 2014 Street Smart regional pedestrian and bicyclist safety public outreach campaign.

Staff participated in the Maryland Pedestrian Emphasis Area Team Meeting on October 8, discussing draft pedestrian safety strategies for the implementation portion of the Maryland Strategic Highway Safety Plan. Staff provided comments and suggested edits for the strategies.

In conjunction with safety planning staff, the Bicycle and Pedestrian Subcommittee co-sponsored and hosted a successful regional Safe Routes to School workshop with the Washington Regional Safe Routes to School Partnership on October 28 (see also Task 2.E.).

E. Bicycle and Pedestrian Planning

Staff prepared a revised draft of Bicycle and Pedestrian Plan for the National Capital Worked with agency staff to update the database with information from new agency plans, entered the data manually based on documentation provided, and incorporated those revisions and the resulting summary data into the draft plan. Staff worked with GIS staff to revise the draft GIS map of selected bicycle and pedestrian projects from the plan.

The Bicycle and Pedestrian Plan advisory group approved the draft plan, which is to be presented at the November TPB Technical Committee meeting. Staff prepared a print version of the plan, and a presentation for the TPB Technical Committee. This draft will also be presented to the TPB and to the Citizens Advisory Committee for public comment in November.

The Bicycle and Pedestrian Subcommittee co-sponsored and hosted a successful regional Safe Routes to School workshop with the Washington Regional Safe Routes to School Partnership on October 28th. This workshop was attended by more than seventy school officials, consultants and activists, who learned from national and regional speakers on best practices in promoting walking and bicycling to school.

The Annual Report and Summary Video on the FY 2014 Street Smart pedestrian and bicycle safety campaign were presented to the TPB Technical Committee, the TPB, and the COG Police Chiefs Committee, and the Transportation Safety Subcommittee. These committees were also briefed on the upcoming November 2014 campaign wave. Staff worked with the Office of Public Affairs regarding to speakers and approve press materials for the November 7th Street Smart press event.

Staff prepared for and participated in the Washington Region Transportation Planning Process Federal Certification Review. Staff developed responses to written questions asked by the federal review team in the area of bicycle and pedestrian planning. On October 28-29, staff participated in the federal team on-site review meeting and answered questions regarding bicycle and pedestrian planning.

F. Regional Bus Planning

No meeting of the Regional Bus Subcommittee was held in October. In accordance with the TPB's resolution of September 17, 2014, which reconstituted the TPB Regional Bus Subcommittee as the Regional Public Transportation Subcommittee, staff worked on drafting a proposed mission, goals and membership for the reconstituted subcommittee.

TPB staff supported the quadrennial federal certification review of the metropolitan planning process. Staff responded to questions from the Federal certifying officials about the work of the Bus On Shoulders (BOS) task force, interagency cooperation among regional public transportation providers, and transit planning for emergency preparedness.

Other bus planning activities included TPB staff participation in a meeting of WMATA's Jurisdictional Coordination Council.

G. Human Service Transportation Coordination

The Coordinated Human Service Transportation Plan document was finalized in preparation for the Technical Committee and for presentation to the TPB for approval in November. The document was edited, reformatted and the Appendices finalized. One of the Appendices is an inventory of specialized services, which is a listing of transportation providers by jurisdiction that serve people with disabilities and/or older adults, was finalized based on the Reach a Ride database and review from the Human Service Transportation Coordination Task Force.

The five key elements for the Update to the Coordinated Plan were approved by the Human Service Transportation Coordination Task Force in May and approved by the TPB in July. The key elements are the backbone of the Coordinated Plan; which was last adopted by the TPB in 2009. The Task Force oversaw the development of the five key elements listed below to respond to MAP-21 Federal requirements for the Enhanced Mobility program.

The five key elements and corresponding Section in the document are:

- 1.) Unmet transportation needs of people with disabilities and older adults (Section 3)
- 2.) An inventory of existing transportation services; (Section 4)
- 3.) Strategies for improved service and coordination (Section 5);
- 4.) Priority projects for implementation (Section 6) and
- 5.) Competitive Selection criteria (Section 7)

H. Freight Planning

Development of the draft Regional Freight Network in ArcGIS continued; this network will be used in Congestion Management analysis (see also Task. 2.A.).

Staff continued work on the National Capital Region Freight Plan focusing on the economic and demographic drivers of regional freight demand.

Staff conducted a regular meeting of the TPB Freight Subcommittee. The theme of this meeting was freight technology.

Staff, in consultation with the TPB Freight Subcommittee Chair and others, developed a plan to identify and secure speakers for the upcoming air-freight themed meeting of the TPB Freight Subcommittee scheduled for early December.

Staff participated in a regular meeting of the Maryland Department of Transportation Freight Data Workgroup.

Staff prepared for and participated in the Washington Region Transportation Planning Process Federal Certification Review. Staff developed written responses to the written questions asked by the federal review team in the area of freight planning. On October 28-29, staff participated in the federal team on-site review meeting and answered questions regarding freight planning.

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 October 2014 period, staff followed up on previous MATOC committee meetings action items and prepared for November meetings; no MATOC meetings were held in October. Activities were in coordination with the MATOC staff from the University of Maryland Center for Advanced Transportation Technology.

3. **FORCASTING APPLICATIONS**

A. Air Quality Conformity

2014 CLRP & FY2015-20 TIP

At the end of the 30-day public comment period staff developed responses for the air quality conformity determination by the TPB at its October monthly meeting. Upon approval of the conformity analysis, the technical documentation was posted online and hard copies were prepared for dissemination to federal and state agencies. The technical documentation and file organization of the 2014 conformity cycle also started.

2014 CLRP & FY2015-20 TIP

A draft *Call for Projects* brochure – in an updated format to make it more user-friendly and inclusive of all the pertinent information that is relevant during the project selection process at the local and state levels – was presented to the Technical Committee and the TPB for review and comments. As is customary at the start of each conformity cycle, the transit service assumptions used in the preceding cycle were summarized and distributed to the Technical Committee members and to the responding agencies to the *Call for Projects* for review and potential updating for the 2015 cycle of the conformity analysis.

The agenda of the monthly TPB meeting and supporting material pertaining to air quality conformity were forwarded to the consultation agencies and public advisory committees in accordance with interagency consultation procedures.

B. Mobile Emissions Analysis

Staff worked in a variety of projects:

- Technical material development for a DTP presentation to a joint MWAQC/CEEPC meeting having as a focus Greenhouse Gas emissions reductions.
- Continuing coordination with MDE on acquiring 2014 VIN registration data for the Maryland jurisdictions in the non-attainment area
- Continued testing of MOVES2014 with focus on its structural differences from MOVES2010, functionality and operability, and reasonableness of generated outputs
- Calculated the emissions reductions attributable to the 2014 Car Free Day at the request of the Commuter Connections Program
- Responded to data requests from: MD SHA for 2014 CLRP shape files and project inputs table; a DDOT consultant working on an EIS for a Benning Rd. streetcar extension for MOVES-ready files from the 2014 CLRP & FY2015-20 TIP conformity analysis
- Attended a 3-day travel demand modeling training session in-house offered by CitiLabs
- Processed and decoded the 2014 Vehicle Registration Data (VIN) for the District of Columbia

C. Regional Studies

On October 17, staff conducted the last of ten listening sessions with staff members of the TPB's member jurisdictions to discuss implementation activities related to the Regional Transportation Priorities Plan (RTPP). The listening sessions were designed to 1) gather information on whether and how key stakeholders and jurisdiction staff believe we are achieving regional goals, and 2) expand awareness among our member governments and key constituencies for the RTPP. The sessions also sought to integrate discussion of the RTPP with COG's Place + Opportunity report. At the end of October, staff began drafting a report that synthesizes the input received from these sessions.

D. Coordination Cooperative Forecasting & Transportation Planning

Staff continued analysis of the latest IHS Global Insight economic forecasts, self-employment data from Census American Communities Survey (ACS) and BEA military employment data for all jurisdictions in TPB planning region. Staff continued the development of regional econometric model benchmark

projections for the next major Round of Cooperative Forecasts (Round 9).

Staff participated in the Planning Directors Technical Advisory Committee October 17th Forum on "Transit, Development and Urban Form: Paris and Washington". Staff presented an overview of the COG Cooperative Forecasting Program, prior land use and transportation scenario analyses conducted by DTP staff and the identification of COG Activity Centers at this forum.

Support for COG's Region Forward

No work activity during this reporting period.

Prepare Grant Applications for USDOT Grant Funding Programs

No work activity during this reporting period.

4. DEVELOPMENT OF NETWORK / MODELS

A. Network Development

Staff continued the update of the regional base-year (2014) transit network. This work involves inventorying the most recent digital and paper transit schedule information from the local transit providers and updating the existing transit network database. These data will be used to update the transit running times, headways and route alignments that are assumed in the network. As part of the transit network update, staff is also testing the GIS-based network development and management system (COGTOOLS) which has recently been made compliant with ArcGIS 10.

Staff has also supported network development needs of a special scenario analysis using the currently adopted travel model (Version 2.3.57) and networks (2014 CLRP). Staff is analyzing the effects of varying land activity and transportation system assumptions on 2040 travel demand and mobile emissions.

B. GIS Technical Support

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

Staff continued to work on finalizing the geodatabase of 2014 CLRP projects and the ArcGIS Online web map of the CLRP projects.

Staff updated attribute data for projects in the draft 2014 Bicycle and Pedestrian geodatabase and provided the members of the TPB Bicycle and Pedestrian Subcommittee with an updated link to the ArcGIS Online web map of 2014 Bicycle and Pedestrian projects.

Staff referred a software problem involving a call for ArcGIS geoprocessing functions from within a TPB travel demand forecasting model script to Esri Technical Support personnel.

Staff planned and participated in the October 24th meeting of the National Capitol Region Geospatial Data Exchange (NCR GDX) Governance Working Group. The initial 2014 UASI Scorecard Review for the NCR GDX sustainment grant was discussed at this meeting and staff provided an updated list of contacts for Regional Emergency Service Function (RESF) Committees to the Working Group members.

Staff assisted a DTP GIS user in preparing a map for the Regional Air Passenger Survey Geofindings Technical Report.

C. Models Development

The Version 2.3.57 Travel Model became the adopted travel forecasting process on October 15 as per the TPB's adoption of the 2014 CLRP and its associated air quality conformity analysis. Staff released an updated version of the travel model user's guide, dated 10/17/14. Staff also completed the assembly of a "transmittal package" that enables external agencies to access to the latest model and associated inputs. Staff updated the "Model Documentation" and "Data Requests" webpages on the COG website to reference the newly adopted travel model.

Staff performed a series of "stress tests" on COG's newest travel model server to determine the maximum number of concurrent travel model runs that can be conducted on a single computer (or server). This activity was documented a memorandum dated 10/29/14. This work was undertaken in anticipation of questions that will likely be asked of staff by external agencies that plan to apply the model. The memorandum was shared with the TPB's software vendor, Citilabs, for their review.

COG's current consultant assisting staff with travel model development (Cambridge Systematics, Inc.) has been authorized to begin work on Task Order #3 of FY 2015 ("Review of transit modeling with respect to FTA guidance"). Staff is currently formalizing another task order to request assistance with the development of a long term strategic modeling improvement plan.

Staff has continued its review of scripting files delivered last fiscal year by AECOM regarding HOT-lane modeling enhancements. This work is ongoing.

Staff responded to 15 technical data requests during October. The requests were from state DOTs/WMATA, local planning agencies, and consultants working in the region. Many of these requests were related to the newly adopted travel demand model and associated inputs.

Staff has also supported network development needs of a special scenario analysis using the currently adopted travel model (Version 2.3.57). The analysis is being undertaken to explore the effects of alternate land activity projections and network configurations on travel demand and mobile emission forecasts.

D. Software Support

Staff coordinated work with the Information, Technology and Facilities Management (ITFM) team in order to improve the performance of the travel demand servers. Staff also transferred and backed-up data to free up additional space on the servers.

5. TRAVEL MONITORING

A. Cordon Counts

Staff continued processing the HOV and travel time data collected during the spring and continued the fall HOV and travel time data collection funded under this item.

B. Congestion Monitoring and Analysis

The consultant completed data analysis and has commenced report writing and preparing graphics for the freeway aerial photography survey report. Staff assisted in the preparation of the Top 10 congested locations and other performance metrics. The report was anticipated be completed mid-November.

Data collection was successfully commenced and completed in October on the one-second time-lapsed aerial photography (TLAP) pilot project component of the freeway monitoring project.

Data review of the one-second time-lapsed photography has commenced and video-compilation will start in November.

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

No work activity during the reporting period.

D. Regional Transportation Data Clearinghouse (RTDC)

Staff updated the RTDC highway network to incorporate updated attributes from the final 2014 CLRP highway network for 2015 and the locations of existing and new traffic counting stations on the updated RTDC highway network. The update of traffic counting stations locations enabled the addition of HPMS traffic count volumes to more than 300 directional highway network links in the District of Columbia that previously did not have traffic count volume estimates.

Staff began the update of RTDC jurisdictional VMT tables with new VMT data for 2013 and revised VMT data for some earlier years. Staff contacted VDOT with a question concerning VMT data for the City of Manassas. Staff will complete the update of of RTDC jurisdictional VMT tables once the question about the VMT data for the City of Manassas is resolved.

Staff obtained FY 2014 transit ridership from Loudoun County Transit and ART. Staff followed on requests to PRTC and The Bus for FY 2014 average weekday ridership.

Staff responded to requests for RDTDC transit network, Metrorail ridership and traffic volume data. The traffic volume data was provided to a consultant working on Rockville Pike Study.

6. TECHNICAL ASSISTANCE

A. DISTRICT OF COLUMBIA

1. Program Development, Data Requests & Miscellaneous Services

Staff responded to a data request.

2. Traffic Counts and HPMS Support

Staff prepared the draft agenda for the October HPMS Coordinating Committee meeting, participated in this meeting, and drafted the meeting summary for this meeting. At this meeting COG/TPB Staff reported on monthly traffic volume observed at Permanent Count Stations (PCS), reported on the status of the short-term counting program, provided a draft 2013 Traffic Volume Map to the Committee for review, presented recommendations for changes to HPMS sections for 2015, and reported on the status of the draft Traffic Monitoring Program Documentation.

Staff prepared for and attended a PCS/VDS Data Coordination meeting with Virginia Tech and DDOT to discuss the transmission of PCS and Vehicle Detection Sensor (VDS) data. Staff advised DDOT that some of the microwave sensors are not transmitting data at the expected frequency.

Staff prepared for and attended a PCS/VDS Operation and Maintenance meeting. Staff presented on how PCS is used for HPMS, including short and long-term benefits for the traffic monitoring program, and provided a list of PCS with questionable data.

Staff prepared for and participated in a conference call (1) to identify if any coordination is needed between how data is summarized by Capital Traffic Operation Platform (CapTOP) versus HPMS and (2) to discuss

converting the PCS data into Traffic Monitoring Guide (TMG) Format and how to submit it to FHWA's Travel Monitoring Analysis System (TMAS).

Staff later provided assistance to DDOT in converting PCS data to TMG format and submitting this converted data to TMAS.

Staff processed Traffic.com continuous traffic counts collected on DDOT interstate and freeway sections in September 2014 and reviewed these counts with the HPMS Coordinating Committee.

Staff assigned an additional 32 traffic counts to be conducted by the contractor by November 30th.

Staff reviewed and summarized updated PCS data for September and a Vehicle Detection Sensor data for October 1-15th. Recommendations from this review were that VA Tech should reprocess and remove duplicate data in the infrared sensor source data and that MC Dean needed to perform site visits, upgrade firmware, and identify locations for maintenance where counting station equipment were milled over.

Staff provided assistance to DDOT staff to select 15 additional or substitute classification count locations. The funds for these additional and substitute classification became available because short-term counts at some locations were no longer necessary because PCS data is now available for these locations.

Staff continued to work with Edward Carpenter (DDOT) to prepare data and analysis to support recommended HPMS section and functional classification changes for the HPMS Committee review and approval.

Staff prepared total truck VMT and percent truck VMT data to assist DDOT with a media request.

Staff completed the draft 2014 HPMS Program Documentation and provided it to DDOT for review and comment. Data flow process slides were updated following the Data Coordination as well as the Operation and Maintenance meetings.

Staff drafted a 2013 Traffic Volume Inset Map based on DDOT's HPMS submission.

3. Bicycle Counts

No work activity during the reporting period.

4. Other Tasks to Be Defined

No work activity during the reporting period.

B. MARYLAND

1. Program Development /Management

A program coordination meeting took place on October 23rd to discuss in detail the current status of all the technical activities of the MD Technical Assistance with MD SHA staff. Technical aspects of the various active projects were discussed as well as upcoming issues associated with the active projects in a concerted effort to assess the overall direction of the program.

2. Project Planning Studies

Staff participated in the monthly team meeting of the MTA Southern Maryland Rapid Transit project, and provided input pertaining to the recommended travel demand modeling approach. The project will evaluate bus rapid transit options on MD 5 in Prince George's and Charles Counties.

3. Feasibility/Special Studies

Work continued on the Veirs Mill Road study and the model revalidation for the Alternatives Retained for Detailed Study (ARDS). Since corridor-level forecasts had previously been prepared using an older set of planning assumptions and tools, model revalidation is underway in order for the study to transition to the current modeling platform – 2014 CLRP - - for upcoming ARDS travel activity forecasts. In addition, work continued on the recently initiated MD 355 and US 29 BRT Corridor Studies by coding highway/transit networks consistent with project assumptions from the 2014 CLRP.

4. Transportation Performance Measures

No work activity during the reporting period.

5. Training/Miscellaneous Technical Support

Staff responded to a data request from MD SHA for TAZ-level Productions and Attractions data to support traffic assessments undertaken by MDSHA for proposed developments in the Naylor Road and Twinsbrook Transit Oriented Developments (TODs). The data were

derived directly from the regional travel demand model (Version 2.3.57) consistent with the 2014 CLRP.

6. Statewide Transportation Model Support

No work activity during the reporting period.

7. Transportation / Land Use Connections Program (TLC)

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

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

No work activity during the reporting period.

9. Other Tasks Yet to Be Defined

No work activity during the reporting period.

C. VIRGINIA

1. Data/Documentation Processing

Staff responded to a data request.

2. Travel Monitoring and Survey

Staff continued processing the spring non-motorized counts collected with VDOT's miovision devices and continued the fall 2015 vehicular data collection.

3. Travel Demand Modeling

Staff responded to VDOT questions related to the travel forecasting activities associated with the Evaluation of Transportation Projects in Northern Virginia (HB 599 Study).

4. Regional and Sub-Regional Studies

Staff prepared materials for and attended the I-66 BOS working group meeting on October 7th. Staff attended the I-66 STAG meeting on October 7th. Staff shot video from three cameras on the second trial run for the I-66 BOS pilot using a PRTC transit bus and VDOT SSP trail

vehicle on October 30th and began processing the video for production of training materials. Staff held calls with the consultant for the Regional Bus Staging, Parking, and Layover Location study. The study consultant continued their evaluation of on-street and off-street staging and parking / layover location sites and responded to comments from the September meeting of the study steering committee.

5. Other Tasks Yet to be Defined

No work activity during the reporting period.

D. WMATA

1. Program Development

No work activity during the reporting period.

2. Miscellaneous Services

No work activity during the reporting period.

2014 Metrobus Passenger On-Board Survey

The contractor briefed the TPB/WMATA project team on the status of all fall wave 2014 Metrobus Survey field activities during the month in a weekly conference call.

Fall on-board survey data collection continued. As of the end of October, 2,092 Metrobus trips had been surveyed and completed surveys had been collected from over 12,290 Metrobus passengers. The remaining on-board bus trip samples as well as any necessary make-up trips will be conducted in November.

Staff completed the sample of bus trips to be surveyed in the tablet computer intercept interviewing component of the fall wave and delivered this sample to the contractor to be implemented.

Staff completed the geocoding of the origin and destination addresses collected in the spring wave of the survey.

7. CONTINUOUS AIRPORT SYSTEM PLANNING (CASP) PROGRAM

A. CASP 27

1. Air Cargo Element Update

Staff continued reviewing background materials on the air cargo infrastructure at each airport and met with freight program staff and the subcommittee chair to discuss the plan and related presentation for the December meeting of the Freight Subcommittee.

2. Update Ground Access Forecasts

Staff continued reviewing background materials for the forecast update. Staff prepared materials for the COG Board of Directors meeting on October 8th.

3. 2013 Air Passenger Survey (Phase 1)

Staff continued work on the final report and survey data file.

8. SERVICES/SPECIAL PROJECTS

No work activity during the reporting period.

**FY 2015 TRANSPORTATION PLANNING BOARD
COG/TPB BUDGET EXPENDITURE SUMMARY**

October 31, 2014

	BUDGET TOTAL	FUNDS EXPENDED	% FUNDS EXPENDED
1. PLAN SUPPORT			
A. Unified Planning Work Program (UPWP)	72,800.00	44,494.75	61%
B. Transp Improvement Program (TIP)	247,800.00	30,744.10	12%
C. Constrained Long-Range Plan	736,100.00	161,165.63	22%
D. Financial Plan	64,900.00	16,263.17	25%
E. Public Participation	434,700.00	84,661.88	19%
F. Private Enterprise Participation	18,800.00	726.13	4%
G. Annual Report	82,500.00	47,442.19	58%
H. Transportation/Land Use Connection Progr	430,300.00	55,175.06	13%
I. DTP Management	482,800.00	133,784.27	28%
SUBTOTAL	2,570,700.00	574,457.19	22%
2. COORDINATION PLANNING			
A. Congestion Management Process (CMP)	211,000.00	67,159.54	32%
B. Management, Operations& ITS Planning	400,500.00	81,522.41	20%
C. Emergency Preparedness Planning	77,600.00	10,517.60	14%
D. Transportation Safety Planning	128,800.00	29,591.61	23%
E. Bicycle and Pedestrian Planning	125,000.00	45,555.04	36%
F. Regional Bus Planning	210,000.00	42,735.89	20%
G. Human Service Transportation Coordination	141,200.00	43,722.35	31%
H. Freight Planning	194,500.00	61,626.37	32%
I. MATOC Program Planning Support	123,600.00	52,761.67	43%
SUBTOTAL	1,612,200.00	435,192.46	27%
3. FORECASTING APPLICATIONS			
A. Air Quality Conformity	584,600.00	302,596.66	52%
B. Mobile Emissions Analysis	707,200.00	197,682.40	28%
C. Regional Studies	531,800.00	46,757.35	9%
D. Coord Coop Forecasting & Transp Planning	831,000.00	237,083.61	29%
SUBTOTAL	2,654,600.00	784,120.02	30%
4. DEVELOPMENT OF NETWORKS AND MODELS			
A. Network Development	792,800.00	202,661.65	26%
B. GIS Technical Support	565,300.00	183,838.93	33%
C. Models Development	1,153,400.00	328,282.19	28%
D. Software Support	184,300.00	48,007.81	26%
SUBTOTAL	2,695,800.00	762,790.57	28%
5. TRAVEL MONITORING			
A. Cordon Counts	258,400.00	79,996.31	31%
B. Congestion Monitoring and Analysis	440,500.00	137,248.63	31%
C. Travel Surveys and Analysis Household Travel Survey	1,527,500.00	15,738.16	1%
D. Regional Trans Data Clearinghouse	327,400.00	107,006.21	33%
SUBTOTAL	2,553,800.00	339,989.30	13%
SUBTOTAL CORE PROGRAM ITEMS 1-5	12,087,100.00	2,896,549.54	24%
6. TECHNICAL ASSISTANCE			
A. District of Columbia	380,303.00	54,412.73	14%
B. Maryland	916,067.00	73,640.80	8%
C. Virginia	897,295.00	91,196.01	10%
D. WMATA	249,578.00	72,659.81	29%
SUBTOTAL	2,443,243.00	291,909.37	12%
TPB GRAND TOTAL	14,530,343.00	3,188,458.89	22%

**FY 2015 TRANSPORTATION PLANNING BOARD
FINANCIAL STATUS OF TECHNICAL ASSISTANCE**

October 31, 2014
SUPPLEMENT 1

	TOTAL		FTA/STA/LOC		PL FUNDS/LOC	
	AUTHORIZED BUDGET	TOTAL EXPENDITURES	AUTHORIZED BUDGET	FTA EXPENDITURES	AUTHORIZED BUDGET	FHWA EXPENDITURES
A. District of Columbia						
1. Data Request & Misc SVCS	10,000.00	231.12	1,480.57	34.22	8,519.43	196.90
2. DDOT Traffic Counts	235,000.00	54,181.61	34,793.42	8,021.97	200,206.58	46,159.64
3. Bicycle Counts	0.00	0.00	0.00	0.00	0.00	0.00
4. Other Tasks to be defined	135,303.00	0.00	20,032.57	0.00	115,270.43	0.00
SUBTOTAL	380,303.00	54,412.73	56,306.57	8,056.19	323,996.43	46,356.54
B. Maryland						
1. MD Program Development	25,000.00	1,959.46	3,701.43	290.11	21,298.57	1,669.35
2. Project Planning Studies	180,000.00	25,337.49	26,650.28	3,751.40	153,349.72	21,586.09
3. Feasibility / Special Studies	200,000.00	37,569.86	29,611.43	5,562.49	170,388.57	32,007.37
4. Transportation Performance Measures	150,000.00	7,015.95	22,208.57	1,038.76	127,791.43	5,977.19
5. Training Misc. Tech Support	145,000.00	1,758.05	21,468.28	260.29	123,531.72	1,497.75
6. Statewide Transp/Model Support	0.00	0.00	0.00	0.00	0.00	0.00
7. Trnsp. Landuse Connections	160,000.00	0.00	23,689.14	0.00	136,310.86	0.00
8. Human Service Trnsp. Study	40,000.00	0.00	5,922.29	0.00	34,077.71	0.00
9. Other Tasks to be defined	16,067.00	0.00	2,378.83	0.00	13,688.17	0.00
SUBTOTAL	916,067.00	73,640.80	135,630.25	10,903.05	780,436.75	62,737.76
C. Virginia						
1. VA Data Documentation	23,000.00	115.56	3,405.31	17.11	19,594.69	98.45
2. FY15 Travel Monitoring	200,000.00	29,970.84	29,611.43	4,437.40	170,388.57	25,533.45
3. FY15 Travel Demand Modeling	169,167.00	2,225.24	25,046.38	329.46	144,120.62	1,895.78
4. FY15 Regional Sub Region Study	505,128.00	58,884.36	74,787.80	8,718.25	430,340.20	50,166.11
5. Other Tasks to be defined	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL	897,295.00	91,196.01	132,850.92	13,502.22	764,444.08	77,693.79
D. WMATA						
1. WMATA Program Development	5,000.00	0.00	5,000.00	0.00	0.00	0.00
2. Misc. Services	5,000.00	0.00	5,000.00	0.00	0.00	0.00
3. 2014 Metrobus Passenger On-Board Survey	191,200.00	72,659.81	191,200.00	72,659.81	0.00	0.00
4. Other Tasks to be defined	48,378.00	0.00	48,378.00	0.00	0.00	0.00
SUBTOTAL	249,578.00	72,659.81	249,578.00	72,659.81	0.00	0.00
GRAND TOTAL	2,443,245.00	291,909.35	574,365.73	105,121.27	1,868,877.27	186,788.09