

FY 2014

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

**Work Program Progress Report
SEPTEMBER 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 September, the TPB approved a resolution regarding its transit providers representation as required by MAP-12.

B. Transportation Improvement Program (TIP)

At their September 5 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 Belmont Ridge Road project. The second amendment was requested by the Maryland Department of Transportation (MDOT) to add funding for the MD 210 at Kirby Hill Road/Livingston Road project and for preliminary engineering of BRAC intersections near Naval Support Activity Bethesda.

The TPB Technical Committee was briefed on the draft FY 2015-2020 TIP at their meeting on September 5. The draft TIP was released for public comment along with the CLRP and results of the Air Quality Conformity Analysis on September 11 at the Citizens Advisory Committee meeting. The TPB was briefed on the draft TIP at their meeting on September 17.

C. Constrained Long-Range Plan (CLRP)

At their meeting on September 5, the TPB Technical Committee was briefed on the draft 2015 update to the CLRP, including a summary of the new major projects and significant changes, an analysis of the performance of the CLRP with respect to daily and commuting mode share, trips in Activity Centers, roadway and transit congestion, accessibility to jobs by auto and transit, and carbon dioxide emissions.

The draft CLRP update was released for public comment at the Citizens Advisory Committee meeting on September 11th. The comment period was publicized with print ads in the Washington Post, El Pregonero, and Afro-American newspapers, and electronically via email, Facebook and Twitter. The TPB was briefed on the draft 2015 update to the CLRP and its analysis at its meeting on September 17.

D. Financial Plan

The draft financial analysis for the 2014 CLRP was presented to the Technical Committee on September 5 and released for public comment together with the draft 2014 CLRP, FY 2015-2020 TIP and conformity Analysis.

E. Public Participation

On September 17, the TPB approved the 2014 Update to the TPB's Participation Plan. A draft was released for public comment in July and was revised in September according to comments received. The update incorporates enhancements in the TPB's public participation activities that have been implemented since 2007 when the Participation Plan was first approved. The plan meets federal requirements and responds to recommendations made during the TPB's last federal certification review.

At the CAC meeting on September 11, the committee received briefings on the 2014 CLRP Performance Analysis, the Priorities Plan Assessment of the 2014 CLRP, and the 2014 Update to the TPB's Participation Plan. This was the committee's first meeting with Kanti Srikanth as the new director of COG's Department of Transportation Planning.

Staff began planning for the next session of the TPB's Community Leadership Institute, which will take place in November.

Staff on September 18 conducted a planning exercise called "What if the Washington Region Grew Differently?" for the leadership program of the Urban Land Institute.

Staff began updating the TPB's Information Hub website.

Access for All Advisory Committee (AFA)

No significant work activities were performed by staff during the month of September. Staff began to plan for the October meeting of the AFA committee.

F. Private Enterprise Participation

During the month of June, staff prepared and held a meeting of the Regional Taxicab Regulators Task Force on September 24, 2014. The meeting included member jurisdiction updates, and a round table discussion on "on-demand private hire car services" from the Maryland public service commission. Staff discussed plans for the task force in 2015, and the possibility of shifting meetings to be once every 6 months, instead of quarterly.

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 September *TPB News* was produced and distributed.

H. Transportation / Land Use Connection Program (TLC)

Staff received a total of 34 proposals from consultants for the nine TLC technical assistance projects that were approved for FY 2015. A team of three TPB/COG staff reviewed the proposals to determine staff preferences. These proposals also were sent to the jurisdictions for scoring. By the end of September, TPB staff and the jurisdictions had preliminarily selected consultants for the projects. Staff will develop contracts for the projects in October. The projects are anticipated to begin in November.

Staff began planning for the next TLC Peer Exchange event, which will be a webinar in November on the 19th Street LID street repaving project.

Staff conducted an internal assessment of projects in Maryland and the District of Columbia that have been 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

Staff support was provided for the meeting of the TPB, the TPB Steering Committee and the TPB Technical Committee.

2. COORDINATION PLANNING

A. Congestion Management Process (CMP)

Staff continued development of the quarterly updated National Capital Region Congestion Report.

- Presented the draft report for the 2nd quarter 2014 to the MOITS Subcommittee on its September 9 meeting.
- Finalized the 2nd quarter 2014 report and posted it online (www.mwcog.org/congestion).
- Developed draft transit-significant highway networks and presented and discussed the work on the Regional Bus Subcommittee's September 23 meeting.

Staff began the work of forming a Vehicle Probe Data Users Group under the TPB's Management, Operations and Intelligent Transportation Systems (MOITS) Technical Subcommittee.

- Developed an internal memorandum and obtained internal consensus on the establishment, governance, mission, goals and other details of the Vehicle Probe Data Users Group.
- Developed a webpage for this Users Group within the COG/TPB website (for short: www.tinyurl.com/vpdug).
- Planned for the kick off meeting of the Users Group scheduled on October 9, 2014, including sending out invitations, preparing presentations and developing meeting agenda.

On September 9, staff monitored a FHWA webinar “Let’s Talk Performance: Collaborating to Set Targets”. On September 16, staff participated in a Transportation Research Board webinar “Incorporating Reliability Performance Measures in Operations and Planning Modeling Tools (L04)”. On September 24, Staff attended the I-95 Corridor Coalition Vehicle Probe Project VPP Suite Users Group meeting via web conferencing.

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

The regular September 9, 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 a preview of the upcoming October kickoff meeting of the Vehicle Probe Data Users Group under MOITS.

A survey to provide an update of the status of power backups for traffic signals regionally was prepared and distributed, and responses to date compiled and analyzed. Information on this topic was presented to the September 9 MOITS Technical Subcommittee meeting. Also, materials were developed and guest speakers arranged for the upcoming October meeting of the MOITS Traffic Signals Subcommittee.

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.

C. Transportation Emergency Preparedness Planning

Staff assisted City of Alexandria, Arlington County, District of Columbia, Town of Herndon and Prince George's County in preparing information on the upcoming traffic signal system power backup grant program as part of the Urban Area Security Initiative (UASI) program, addressing questions raised by the regional UASI Program Management Office (PMO).

The consultant team which supported the regional emergency evacuation transportation exercise prepared a draft after action report of the exercise, and discussed the report with the committee members.

The September meeting of the Regional Emergency Support Function 1 (RESF-1) Emergency Transportation Committee was prepared for and conducted, focusing on the after-action review of the regional evacuation tabletop exercise conducted August 21, 2014. Preparations also began for the October RESF-1 committee meeting.

Staff presented a status report on regional traffic signal power back-up systems to the COG Emergency Preparedness Council on September 10, 2014, responding to questions, and began developing additional information in response to an information request by senior officials at that meeting.

D. Transportation Safety Planning

Preparations continued for the next Transportation Safety Subcommittee meeting, now rescheduled from September to October. Data compilation and analysis continued. Coordination continued on planning for an October regional Safe Routes to School workshop.

Staff participated in the Maryland Highway Safety Office Annual Partners meeting on September 30, 2014, fostering coordination of state and MPO activities as well as information sharing.

E. Bicycle and Pedestrian Planning

The bimonthly meeting the Bicycle and Pedestrian Subcommittee was conducted on September 16, 2014, including preparations and follow-up activities.

Work continued on the draft 2014 Bicycle and Pedestrian Plan for the National Capital Region, culminating in a draft document that was presented to the Bicycle and Pedestrian Subcommittee on September 16. Presentation of this draft engendered a number of comments from participants, and commitments by member agencies to provide additional project-specific information for the regional project tracking database. Additionally, an improved draft GIS map of selected bicycle and pedestrian projects from the plan was developed, and follow-up began on further map improvements based upon Subcommittee comments.

Staff attended the national Pro Walk Pro Bike conference in Pittsburgh, Pennsylvania, September 8th – 11th, 2014, participating in a variety of technical activities that provided peer exchange and lessons learned for the regional bicycle and pedestrian planning program.

F. Regional Bus Planning

The Regional Bus Subcommittee met on September 23. The meeting agenda included updates on the TPB's Commuter Bus Staging Area Study, the StreetSmart Fall 2014 Campaign, the DC School Transit Subsidy Program and transition to One Card, and a proposed Bus Network Identification for General Traffic Congestion Analysis developed by TPB staff.

TPB staff prepared a resolution for the TPB on the MAP-21 requirement for public transportation provider representation on the policy board. As approved at the September 17 TPB meeting, the Regional Bus Subcommittee will be reconstituted as the Regional Public Transportation Subcommittee, and work to broaden its membership and areas of effort to include commuter rail, Metrorail, planned streetcar/light rail, and other representatives. The Public Transportation Subcommittee will thereafter serve as a source of information and venue for communicating provider inserts to the public transportation representatives on the TPB board. The latest available information on MAP-21 performance rules was collected and discussed with bus subcommittee members.

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

G. Human Service Transportation Coordination

During the month of September, a draft of the full Coordinated Human Service Transportation Coordinated Plan document was compiled based on the key elements of the Plan adopted by the TPB in July. The Coordinated Plan is being updated to prepare for the first solicitation for FTA's Enhanced Mobility Program. COG, as the administrative agenda for the TPB, serves as the Designated Recipient for the Enhanced Mobility program for the Washington DC-VA-MD Urbanized Area.

The first solicitation for the Enhanced Mobility program began in August with applications due in October. The priority projects for the Enhanced Mobility program are outlined in the key elements of the Coordinated Plan as well as the competitive selection criteria.

Staff met with WMATA staff to discuss the timeline and objectives of a regional forum proposed by WMATA on innovative practices in Human Service Transportation Coordination. WMATA staff requested that the forum be held in May or June of 2015.

TPB and WMATA staff also discussed a potential bus stop workshop which would focus on opportunities and challenges for local governments in improving bus stop access for people with disabilities. WMATA staff asked for TPB staff input as WMATA develops a new regional database on bus stop features and amenities.

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.).

Research and development continued that expanded upon the regional freight issues previously identified, providing a concise description of why each issue is important to the National Capital Region.

The agenda was finalized, meeting materials developed, and speakers secured for the upcoming October meeting of the TPB Freight Subcommittee.

A response was developed to a request from the Maryland Department of Transportation for assistance in developing the Maryland Strategic Goods Movement Plan. Tasks included outreach to freight planning personnel in Frederick, Montgomery, Prince George's, and Charles counties and participation in a meeting to help MDOT identify operational and planning issues with respect to freight movement in the Maryland portion of the National Capital Region.

Staff attended an AASHTO webinar to learn more about connected vehicles. This webinar provided an introduction to the connected vehicle environment and discussed connected vehicle applications, connected vehicle testing and deployment, and policy and institutional issues related to connected vehicles.

Staff attended the NHI Talking Freight Webinar to learn more about the impact of work zone design on large trucks. This webinar provided an analysis of truck crash trends in work zones, identified best practices for large trucks in work zones, discussed examples of work zone construction access points at a construction site in Ohio, and provided perspectives on work zone needs and challenges from private-sector carriers.

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 September 2014 period, staff prepared for and participated in MATOC committee meetings, including the MATOC Severe Weather Working Group

seasonal kickoff meeting on September 8; the MATOC Steering Committee meeting on September 12; and the MATOC Transit Task Force and Operations Subcommittee joint meeting on September 25. Staff also followed up on action items identified at previous meetings, and began preparations for October committee meetings. 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

The short conformity report was completed for the start of the 30-day public comment period on September 11th, and online posting for public review. The results of the conformity analysis were presented to the: MWAQC TAC, TPB Technical, TPB, AQCPAC and Travel Demand Forecasting Committees. In the aftermath of the July 31st MOVES2014 release by EPA, staff attended an EPA administered conference call on MOVES2014. Staff responded to consultant data requests. 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 on the acquisition of the 2014 Vehicle Identification Number (VIN) databases and continued consultations with the VIN software vendor on technical issues pertaining to the newly purchased VIN decoding software. In addition, staff conducted preliminary data quality reviews of the DC, MD, and VA provided VIN databases and followed up with MDE on supplemental explanation needed for the decoding of the MD data.

Participated in interstate discussions pertaining to schedule of an update of mobile budgets of the recently approved PM2.5 Maintenance Plan.

Provided technical assistance -- presentation materials -- for a joint meeting of the MWAQC and CEEPC committees.

Continued sensitivity tests with MOVES2014 in a concerted effort to understand the processes of the software, to start to overcome technical issues associated with the software, and to conduct comparative assessments between MOVES2010 and MOVES2014.

C. Regional Studies

Staff finalized a new version of the Priorities Plan Assessment of the CLRP, which was presented to the TPB on September 17. This document, which was requested by the TPB in February, provides information on whether and how the 2014 CLRP—including the plan’s projects, funding and overall system – help the region to meet the priorities identified in the RTPP. An initial version of this assessment was presented to the TPB in April. The latest version was presented in September in conjunction with the release of the draft 2014 CLRP for public comment.

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 to prepare for the development of regional econometric model benchmark projections for the next major Round of Cooperative Forecasts (Round 9).

Staff presented preliminary findings of their analysis of the IHS Global Insight – national level data and assumptions to the Cooperative Forecasting Subcommittee at their September 9th meeting.

Staff reviewed the schedule for the update of the Round 8.3 Cooperative Forecasts (in 2014) and the schedule for Round 9.0 (in 2015) with the members of Cooperative Forecasting Subcommittee at their September 9th meeting.

Staff briefed the Planning Directors Technical Advisory Committee at their September 19th meeting on the 2014 CLRP Performance Analysis and how the concentration of most of the region’s forecast future growth in Activity Centers was impacting various transportation performance measures in 2040.

4. DEVELOPMENT OF NETWORK / MODELS

A. Network Development

Staff completed a detailed analysis of 2012 external station counts by vehicle and time of day data. This summary will be used to update various modeled parameters. Documentation on this activity is underway.

Staff created Transportation Analysis District (TAD) level maps for 22 jurisdictions in the modeled study area region. The maps will aid in the on-going analysis of mobile device data that was obtained last fiscal year.

Staff has begun the annual update of the regional base-year transit line data that is used in the TPB's transit network. This work involves compiling the most recent digital/paper transit schedule information from the local transit providers and updating the existing network database. This information will be used to update transit running times, headways and route alignments.

Staff provided technical assistance to TPB's Congestion Management (CM) team at their request. The CM team was interested in determining which highway facilities are most intensively used by the bus system. The specific items provided were:

- A regional bus line map that was developed from the existing transit network database.
- A summary table and map showing the intensity of existing bus operations on the regional highway system.

Staff continued testing of the updated regional network database manager/editor (COGTOOLS) which is now compliant with ArcGIS 10.1. The software update was completed during the last fiscal year. Testing of the new process is ongoing.

Staff met with a representative of Citilabs on September 19 to discuss approaches for managing transportation networks.

B. GIS Technical Support

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

Staff contacted ESRI technical support to resolve issues regarding the use of ESRI Maps for Office, the Text and Storytelling web templates and errors resulting from the use of pivot tables in GIS applications.

Staff began development of DTP GIS user documentation for ESRI ArcGIS Online web maps.

Staff added additional project content to the CLRP geodatabase (GDB), resolved inconsistencies for some project data items obtained from different source documents and produced an updated version of the CLRP geodatabase. Staff also created a draft ArcGIS Online web map of the CLRP projects.

Staff continued work on creation of a new, updated data layer of major roads in the region. This data layer will be used for both cartographic hard copy and online maps.

Staff continued work on the creation of a new freight priority facilities GIS data layer.

Staff presented a draft geodatabase and ArcGIS Online web map of 2014 Bicycle and Pedestrian projects to the TPB Bicycle and Pedestrian Subcommittee.

Staff summarized the responses of the survey of GIS Committee members to identify new focus areas for GIS Committee data collection and sharing activities in FY 2015 and presented these findings at the September 24th GIS Committee meetings.

Staff planned and participated in the September 24th GIS Committee meeting. In addition to the discussion on new focus areas, the new NCR GDX Portal and regional centerline efforts were discussed by the committee.

Staff planned and participated in the September 24th meeting of the NCR GDX Governance Working Group. The status of the UASI NCR GDX contract and the assignment of a new NCR GDX Project Manager were discussed at this meeting.

C. Models Development

The Travel Forecasting Subcommittee (TFS) convened on September 19. Staff provided a status reports relating to the Models Development program activities including: 1) the present status of the consultant-assisted project for development of the COG/TPB travel demand model, 2) the status of TPB's air quality conformity analysis of the 2014 CLRP and 3) the ongoing analysis of mobile device-based O-D data for the TPB modeled area.

Staff continued its analysis of trip tables developed from mobile device data (i.e., zone-to-zone person trips). An ongoing investigation of the data is underway. Staff is considering it as a basis for updating the treatment of non-residential travel forecasts in the regional travel demand model.

During September staff completed its review and verification of the travel Version 2.3.57-based modeling performed as part of the air quality analysis of the 2014 CLRP. Staff has prepared model application files and a transmittal memorandum in anticipation of requests for the 57 model which is expected to be approved by the TPB in October. Staff has also begun undertaking a series of model execution tests to benchmark running times and to determine the maximum number of concurrent travel model runs that can be executed. This type of information will be useful to TPB member agencies wishing to use the regional model for local project planning use.

Staff received two task order proposals from Cambridge Systematics, Inc. (CS) regarding our on-going project to develop and apply the regional travel demand model. The task orders relate to: 1) technical assistance in developing a new

strategic plan for models development and 2) assistance with assessing how the existing travel model complies with FTA guidance.

Staff responded to 10 data requests during September, from state DOTs, local agencies, and consultants.

Staff attended a meeting with a consultant regarding MDOT's Accessibility Study on September 23.

Staff member attended a TMIP webinar entitled, "Emerging Technologies in Travel Surveys," which featured a discussion about the use of AirSage data on September 25.

COG hosted a 2.5-day training course taught by Citilabs staff entitled, "Comprehensive Cube Training." The training was attended by 27 people, including six COG staff.

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.

5. TRAVEL MONITORING

A. Cordon Counts

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

B. Congestion Monitoring and Analysis

The consultant's data compilation and analysis of the spring 2014 aerial photography survey of the freeway system in the region continued.

Staff continued to work with the consultant in refining target locations and parameters of the second component of the current aerial photography survey, the upcoming pilot one-second time-lapsed aerial photography (TLAP) program. The locations were presented to the MOITS subcommittee, State Technical Work Group (STWG) and feedback was incorporated into the refining the locations.

A TSA waiver letter in support of the consultant for the 1-second TLAP was prepared and transmitted to the consultant.

Staff attended a FHWA webinar on Performance Measure Goal Setting to learn more about potential impacts to the regional Congestion Monitoring and Analysis program.

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

Staff completed documentation of the analysis of Activity Centers using the CTPP data for the TPB planning region.

D. Regional Transportation Data Clearinghouse (RTDC)

Staff followed up on requested FY 2014 average weekday ridership from the region's transit providers.

Staff continued the migration of the current RTDC web application content to an ArcGIS Online web map and resolved a data issue that was preventing the display of some RDTC highway network links on the new ArcGIS Online web map.

Staff began the update of the RDTC highway network with the new links and attribute information added to the TPB modeled area highway network as part of the 2014 TPB CLRP Update.

Staff began preparations to add street names and other descriptive location identifiers to RDTC highway network links with traffic count volumes.

Staff provided historic WMATA transit ridership data from the RDTC in response to a data request from MNCPPC-Montgomery County staff.

Staff attended the 2014 FHWA Highway Information Seminar in Arlington VA.

Staff attended Comprehensive Cube Training held at COG in September.

6. TECHNICAL ASSISTANCE

A. **DISTRICT OF COLUMBIA**

1. Program Development, Data Requests & Miscellaneous Services

No work activity during the reporting period.

Traffic Counts and HPMS Support

Staff prepared the draft agenda for the September HPMS Coordinating Committee meeting, participated in this meeting and drafted the meeting summary for this meeting. At this meeting staff reported COG/TPB Staff reported on monthly volume observed at Permanent Count Stations (PCS), recommended that the Committee adopt PCS data for 23 HPMS sections for the CY 2014 submittal, reported on the status of the

resubmittal of the 2013 Vehicle Summaries Table, and offered draft meeting topics for FY 2015.

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

Staff reviewed 46 three-day volume counts submitted by the traffic counting contractor and approved 43 of them. Staff directed the contractor to re-submit photos for 3 of the traffic count locations.

Staff assigned an additional 24 traffic counts to be conducted by the contractor by October 31st.

Staff requested and obtained updated PCS data for July and August and a new set of Vehicle Detection Sensor data from PCS Data Retrieval Team (Virginia Tech). Staff reviewed and summarized this data and corresponded with Rakesh Nune (DDOT), Haili Dong (VATech), and Mouhammad Akkoui (MC Dean) regarding questionable PCS data.

Staff also provided continued assistance to James Graham (DDOT) on the PCS Daily Loop Checker program.

Staff reviewed large differences in volume from historic counts as well as PCS volume at HPMS Section (7076) (14th St SW from Independence Ave to Interstate 395) and proposed that that it be separated into two sections.

Staff recommended that the Committee adopt PCS data for 23 HPMS sections for the CY 2014 submittal and the Committee approved this recommendation. Staff also assisted the Committee in evaluating the potential to reprogram funding currently allocated for short term traffic counts at 14 locations to conducting more classification counts on other freeway and expressways, minor arterials, and collector roadways that are currently under sampled for vehicle classification purposes. Short term traffic counts at the identified 14 locations are no longer necessary because PCS data is now available for these locations.

Staff transmitted all short term traffic counts and traffic count photographs from 2008 through 2012 to the Howard University Traffic Data Center.

Staff completed the response FHWA's Travel Monitoring & Surveys Team Traffic Data Findings for the CY2013 HPMS submittal and resubmitted an updated Vehicle Summaries Table. The FHWA accepted the response and approved DDOT's HPMS submittal.

Staff worked 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 provided traffic count data to Rahul Jain(DDOT) for two separate projects: (1) to assist with an Environmental Assessment for a property located on Edgewood Street (2) to respond to a FOIA request for traffic counts on 7th Street NW, Rhode Island Avenue NW, 9th Street NW, Florida Avenue, R Street NW, and S Street NW.

Staff attended 2014 FHWA Highway Information Seminar.

Staff began updating HPMS Program Documentation.

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

New program progress monitoring spreadsheets were created allowing monthly labor and direct expenditures by task order of the MD Technical Assistance Program to be recorded and monitored throughout FY2015.

2. Project Planning Studies

Staff participated and provided input during the monthly team meeting of the MTA Southern Maryland Rapid Transit, which is designed to 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 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 for upcoming ARDS travel activity forecasts.

4. Transportation Performance Measures

Work continued on MDOT's Multi-Modal Accessibility (MMA) project after a coordination meeting with MDOT and consultants and a review of prior work. In addition, staff worked closely with MDOT consultants to troubleshoot some inputs of the MMA report.

5. Training/Miscellaneous Technical Support

No work activity during the reporting period.

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 activity. 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

No work activity during the reporting period.

2. Travel Monitoring and Survey

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

3. Travel Demand Modeling

No work activity during the reporting period.

4. Regional and Sub-Regional Studies

Staff attended I-66 TTAG meeting on September 17th. Staff attended the VTrans 2045 Forum on September 8th. Staff held weekly calls with the consultant for the Regional Bus Staging, Parking, and Layover Location study and attended the study steering committee meeting on September 23rd and providing a study update to the Regional Bus Subcommittee on September 23rd. The study consultant completed their initial evaluation of on-street and off-street staging and parking / layover location sites and presented their findings to the study team and steering committee on September 23rd.

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 consultant team briefed the TPB/WMATA project on survey preparations for the fall wave of the 2014 Metrobus Survey and all survey field activities during the month in a weekly conference call.

The consultant team created the field work shifts and the staffing plan for these shifts to complete the data collection for the fall survey wave by mid-November. The consultant team also completed the training of the field staff for the fall wave.

Fall on-board survey data collection began on September 16th. As of the end of September, 500 Metrobus trips had been surveyed and completed surveys had been collected from 3,490 Metrobus passengers. The consultant team also implemented a new, tablet based system for collecting boarding counts on the surveyed bus trips. This new system reduces the time required to post the boarding counts for the surveyed bus trips to the survey tracking database.

Staff began developing the sample of bus trips to be surveyed in the tablet computer intercept interviewing component of the fall wave.

Staff began the geocoding of the origin and destination addresses collected in the spring wave of the survey. As of the end of September, about half of the origin and destination addresses had been geocoded.

7. CONTINUOUS AIRPORT SYSTEM PLANNING (CASP) PROGRAM

A. CASP 27

1. Ground Access Element Update

Staff continued reviewing background materials on the air cargo infrastructure at each airport and participated in a meeting with MDOT staff to understand their plan update and the role of air cargo in the state plan.

2. Update Ground Access Forecasts

Staff reviewed background materials for the forecast update. Staff prepared materials for the Regional Airports Forum on September 26th.

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**

September 30, 2014

	BUDGET TOTAL	FUNDS EXPENDED	% FUNDS EXPENDED
1. PLAN SUPPORT			
A. Unified Planning Work Program (UPWP)	72,800.00	33,516.07	46%
B. Transp Improvement Program (TIP)	247,800.00	22,871.98	9%
C. Constrained Long-Range Plan	736,100.00	120,150.33	16%
D. Financial Plan	64,900.00	14,432.28	22%
E. Public Participation	434,700.00	62,403.49	14%
F. Private Enterprise Participation	18,800.00	0.00	0%
G. Annual Report	82,500.00	31,236.13	38%
H. Transportation/Land Use Connection Progr	430,300.00	40,220.81	9%
I. DTP Management	482,800.00	93,517.32	19%
SUBTOTAL	2,570,700.00	418,348.42	16%
2. COORDINATION PLANNING			
A. Congestion Management Process (CMP)	211,000.00	48,396.50	23%
B. Management, Operations& ITS Planning	400,500.00	59,971.92	15%
C. Emergency Preparedness Planning	77,600.00	7,997.60	10%
D. Transportation Safety Planning	128,800.00	19,791.69	15%
E. Bicycle and Pedestrian Planning	125,000.00	33,507.05	27%
F. Regional Bus Planning	210,000.00	32,490.69	15%
G. Human Service Transportation Coordination	141,200.00	34,016.56	24%
H. Freight Planning	194,500.00	45,292.07	23%
I. MATOC Program Planning Support	123,600.00	32,928.98	27%
SUBTOTAL	1,612,200.00	314,393.05	20%
3. FORECASTING APPLICATIONS			
A. Air Quality Conformity	584,600.00	225,180.74	39%
B. Mobile Emissions Analysis	707,200.00	145,217.37	21%
C. Regional Studies	531,800.00	26,813.83	5%
D. Coord Coop Forecasting & Transp Planning	831,000.00	159,545.95	19%
SUBTOTAL	2,654,600.00	556,757.89	21%
4. DEVELOPMENT OF NETWORKS AND MODELS			
A. Network Development	792,800.00	153,765.43	19%
B. GIS Technical Support	565,300.00	138,071.56	24%
C. Models Development	1,153,400.00	238,447.37	21%
D. Software Support	184,300.00	35,350.17	19%
SUBTOTAL	2,695,800.00	565,634.52	21%
5. TRAVEL MONITORING			
A. Cordon Counts	258,400.00	60,704.42	23%
B. Congestion Monitoring and Analysis	440,500.00	76,666.05	17%
C. Travel Surveys and Analysis Household Travel Survey	1,527,500.00	15,738.16	1%
D. Regional Trans Data Clearinghouse	327,400.00	79,503.16	24%
SUBTOTAL	2,553,800.00	232,611.78	9%
SUBTOTAL CORE PROGRAM ITEMS 1-5	12,087,100.00	2,087,745.66	17%
6. TECHNICAL ASSISTANCE			
A. District of Columbia	380,303.00	21,740.54	6%
B. Maryland	916,067.00	39,473.18	4%
C. Virginia	897,295.00	42,489.49	5%
D. WMATA	249,578.00	57,118.39	23%
SUBTOTAL	2,443,243.00	160,821.62	7%
TPB GRAND TOTAL	14,530,343.00	2,248,567.26	15%

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

September 30, 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	20,619.33	34,793.42	3,052.84	200,206.58	17,566.49
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	20,850.45	56,306.57	3,087.06	323,996.43	17,763.39
B. Maryland						
1. MD Program Development	25,000.00	1,632.89	3,701.43	241.76	21,298.57	1,391.13
2. Project Planning Studies	180,000.00	13,990.12	26,650.28	2,071.34	153,349.72	11,918.78
3. Feasibility / Special Studies	200,000.00	20,382.80	29,611.43	3,017.82	170,388.57	17,364.98
4. Transportation Performance Measures	150,000.00	3,467.37	22,208.57	513.37	127,791.43	2,954.00
5. Training Misc. Tech Support	145,000.00	0.00	21,468.28	0.00	123,531.72	0.00
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	23,689.14	0.00	136,310.86	0.00
8. Human Service Trnsnp. 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	39,473.18	135,630.25	5,844.29	780,436.75	33,628.90
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	19,447.07	29,611.43	2,879.28	170,388.57	16,567.79
3. FY15 Travel Demand Modeling	169,167.00	2,034.22	25,046.38	301.18	144,120.62	1,733.04
4. FY15 Regional Sub Region Study	505,128.00	20,892.65	74,787.80	3,093.31	430,340.20	17,799.34
5. Other Tasks to be defined	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL	897,295.00	42,489.49	132,850.92	6,290.87	764,444.08	36,198.62
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	57,118.39	191,200.00	57,118.39	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	57,118.39	249,578.00	57,118.39	0.00	0.00
GRAND TOTAL	2,443,245.00	159,931.51	574,365.73	72,340.60	1,868,877.27	87,590.91