

FY 2014

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

**Work Program Progress Report
NOVEMBER • 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. Work began on an amendment to the program budget to reflect changes to the new F Y 2015 funding and adjustments in the unobligated FY 2013 funding. The TPB will be asked to approve the amendment at its December 17 meeting.

B. Transportation Improvement Program (TIP)

At their November 7th meeting, the TPB Steering Committee approved one amendment to the FY 2015-2020 TIP to update funding for fifty-six projects in the District of Columbia, suburban Maryland, and Northern Virginia, as requested by the Eastern Federal Lands Highway Division of the Federal Highway Administration.

C. Constrained Long-Range Plan (CLRP)

At their meeting on November 7th, the TPB Technical Committee was briefed on the draft Call for Projects for the 2015 CLRP and FY 2015-2020 TIP. The TPB approved the Call for Projects document at their meeting on November 29th.

Staff began development of a brochure to document the 2014 Update of the CLRP.

D. Financial Plan

The final version of the financial analysis for the 2014 CLRP which was approved together with the 2014 CLRP, FY 2015-2020 TIP and Conformity Analysis by the TPB at its October 15 meeting was incorporated into the documentation on the CLRP web page.

E. Public Participation

Staff conducted the 13th round of the TPB's Community Leadership Institute on November 6, 12, and 15. The session brought together 23 participants to learn about the various levels of transportation planning that exist throughout the region. The first night of the CLI was held in College Park, the second night was in Alexandria. The final day, on a Saturday, was held at COG. This was the 13th session of the CLI.

At the CAC meeting on November 13, the committee received briefings on the draft Regional Bicycle/Pedestrian Plan and the draft Call for Projects for the CLRP and TIP. The committee also discussed proposals for developing an inventory of the region's unfunded transportation projects and establishing a multi-sector working group to explore cooperative actions to reduce greenhouse gases.

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)

No work activity during the reporting period.

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 November *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. Kickoff meetings were scheduled and project scopes were developed.

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

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:

- During November the Director participated in a series of meetings with the COG Director and Deputy Director as well as the Directors of COG's Environmental Programs Department (DEP) to assist in the development of the outline for establishing a multi sector working group of professionals to identify and evaluate strategies that would help the region advance towards its regional Greenhouse gas reduction goals. The discussions were focused

on proposing the purpose, process and products from the working group in response to the October 2 joint resolution from CEEPC and MWAQC asking COG to convene such a group and to have the TPB participate in the activities of the group. The Director also worked with COG DEP staff as well as the TPB stakeholder jurisdictions to develop a Draft resolution for the Board affirming the region's multi sector Greenhouse gas reduction goals adopted in the 2008 - 2010 time period.

- The Director addressed the ITE's International Board of Direction in Washington, DC. He spoke on the topic titled "Expectations for the Urban Transportation Professional" providing his perspective on the types of transportation options communities are looking for; the hard and soft-side skills needed to meet those needs; and some reflections on what WMCOG and TPB's experience has been on this matter.
- The Director attended a Peer Exchange forum of about 15 other large MPO/COGs on November 6 and 7th in Washington D.C. The forum was hosted by MWCOG with the purpose of learn best practices, building relationships and to develop a better understand the assets of these different MPO/COGs. Topics of discussion included: Emerging Issues being faced; Services provided; Governance Structure; Linkage of transportation to economic development & environmental outcomes; Issue addressed by and integration of the Plans; Outreach to the public and other stakeholders.
- The Director also attended the MWAQC Technical Committee and the Planning Directors Technical Committee meeting.

2. COORDINATION PLANNING

A. Congestion Management Process (CMP)

Staff briefed the TPB Technical Committee on its November 7 meeting on the October 9 kick-off meeting of the Vehicle Probe Data Users Group and TPB's Congestion Monitoring Program. The scheduling of the next Vehicle Probe Data Users Group meeting was finalized, to be held on Thursday, February 12, 2015 and meeting invitations were distributed.

Staff utilized the Vehicle Probe Project Suite to calculate performance measures and generate animated traffic condition maps for the TPB Weekly Report released on November 18: "Researchers Identify Busiest Times, Roadways for Thanksgiving-Week Drivers". This analysis and publication engendered much public interest, including several media articles, and a request by the I-95 Corridor Coalition that the effort be briefed to their members in a December webinar.

The review and decision process was concluded on the identification of a transit-significant highway network for general traffic congestion analysis. This was reviewed and agreed by the Regional Public Transportation Subcommittee

(formerly the Regional Bus Subcommittee) at its November 25 meeting. The Subcommittee endorsed a network from among four potential choices posed by staff (varying by levels of bus service found on those roadways). The chosen network will subsequently be used for CMP analyses.

Staff participated in several web-conferences during November, including discussing methodologies of Congestion Tracking and Bottleneck Identification within the VPP Suite; a quarterly webinar of the National Performance Measures Research Data Set (NPMRDS) offered by the FHWA; VPP Suite Funding Plan; and "A Glimpse of How Data, Tools and Technology Are Used in the Atlanta Regional Commission (ARC) Planning Process", offered by the Travel Model Improvement Program (TMIP) of the FHWA.

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

Preparations were undertaken for the next scheduled meeting of the MOITS Traffic Signals Subcommittee to be held December 4, 2014. A major focus was the ongoing survey to provide an update of the status of power backups for traffic signals regionally; responses to date have been compiled and analyzed. Exploratory analysis continued on the potential linking of Vehicle Probe Project data (see also Item 2.A.) with observed outcomes of a new traffic responsive signals system in the City of Alexandria. Staff continued coordinating with participants in the regional traffic signals power backup Urban Area Security Initiative (UASI) grant in an effort to meet grant requirements.

Preparations were undertaken for the next scheduled meeting of the MOITS Technical Subcommittee to be held December 9.

Study of options continued 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. The related topic of the resiliency of transportation systems operations was also investigated. In addition, staff attended a regular meeting of the Monumental Core Climate Adaptation Working Group at the National Capital Planning Commission.

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

Staff participated in the joint Annual Baltimore Regional Traffic Signals Forum and ITS Maryland Annual Meeting, November 6 in Linthicum Heights, Maryland, with beneficial peer exchange on signals, technology, and operations issues.

C. Transportation Emergency / Security 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) traffic signals power back-up grant.

Staff developed the outline of a regional Traffic Signal Power Backup Strategic Plan in association with the UASI grant, to be discussed and adopted by the RESF-1 committee at future meetings.

The November meeting of the Regional Emergency Support Function 1 (RESF-1) Emergency Transportation Committee was prepared for and conducted on November 20, 2014. The meeting included presentation on the guidelines for grant application submission for the 2015 UASI grant. The committee discussed in detail the Project Management Office (PMO) scorecard for the four RESF1 projects and management plan for successfully completing the projects on time. Coordination of agenda preparation for the December 2014 RESF1 progressed.

D. Transportation Safety Planning

In follow-up to the most recent meeting of the Transportation Safety Subcommittee held on October 27, 2014, compilation and analysis of regional crash data continued.

Regional summary data on pedestrian and bicyclist safety were finalized for use at the November 7 kickoff event of the fall 2014 Street Smart regional pedestrian and bicyclist safety public outreach campaign, held on Sheridan Avenue in Washington, D.C.

Staff attended the November 21 meeting of the Maryland Highway Safety Office Emphasis Action Team to advise on the development of the new state Strategic Highway Safety Plan.

Coordination was undertaken with the American Traffic Safety Services Association to explore hosting a joint meeting in the future with the TPB Transportation Safety Subcommittee.

E. Bicycle and Pedestrian Planning

The November draft of the Bicycle and Pedestrian Plan for the National Capital Region was completed. Staff briefed the TPB Technical Committee, the Citizens Advisory Committee, and the Bicycle and Pedestrian Subcommittee on the draft plan. Agency staff and members of the public were encouraged to submit comments in writing during the 30 day public comment period following the presentation of the plan to the Citizens Advisory Committee.

Staff prepared a presentation on the draft plan as an information item for the November Transportation Planning Board meeting. The presentation was deferred to the December meeting due to lack of time on the November agenda; however, WAMU radio interviewed TPB staff on the plan and ran a story on it. Approval of the plan is scheduled for January.

The Bicycle and Pedestrian Subcommittee was briefed on the project to update the National Park Service's 1990 Paved Recreational Trails Plan for the National Capital Region. Subcommittee members offered to advise the process and provide input.

The Subcommittee selected the 2015 chair for the Subcommittee, a National Park Service staffer who is responsible for the NPS Trails Plan. The Subcommittee was also briefed on the interactive mapping and visualization of the Bicycle and Pedestrian Plan, and the results of the October Safe Routes to School regional workshop.

DTP staff coordinated with the Office of Public Affairs in recruiting speakers for the November 7, 2014 Street Smart Pedestrian and Bicycle Safety Campaign Weekly Report newsletter.

F. Regional Bus Planning

TPB staff presented the proposed mission, goals and membership for the TPB Regional Public Transportation Subcommittee, as reconstituted from the Regional Bus Subcommittee, to the TPB Technical Committee and to the Subcommittee, which met on November 25. A memorandum was distributed prior to the respective meetings, and a presentation was made to each committee, followed by discussion. Input was received from several members of the two committees, and incorporated into a final version of the memorandum for approval in December.

The Regional Public Transportation Subcommittee meeting agenda also included an update on the TPB's Commuter Bus Staging Area Study, an update on the Regional Transit Bus-Significant Congestion Management Highway Network Definition Process from TPB staff, a briefing on Transit Information Screens from DDOT staff, and an update on the I-66 Bus On Shoulders (BOS) Pilot Program from VDOT staff. The latest available information on MAP-21 performance rules was collected and discussed with 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 November, staff prepared and presented the update to the Coordinated Human Service Transportation Plan to the Technical Committee and the TPB. The document was finalized and a PowerPoint presentation created for the presentations. A resolution was drafted. At the November TPB meeting, after a staff presentation, the Board adopted the updated coordinated

Plan document and passed the resolution. The Coordinated Plan will guide funding decisions for the FTA Enhanced Mobility program and includes competitive selection criteria.

Also during the month of November, staff supported the review of applications for Enhanced Mobility funding for responsiveness to the strategies in the Coordinated Plan.

H. Freight Planning

The second draft of the Regional Freight Network, including text describing the reason each roadway was included, was completed. This network will be used in Congestion Management analysis (see also Task. 2.A.).

The draft list of Regional Freight Issues was updated based on TPB Freight Subcommittee input.

Work continued on the National Capital Region Freight Plan including initial analysis of regional freight demand using the Federal Highway Administration's FAF (Freight Analysis Framework) dataset.

Work continued to secure speakers for the upcoming air-freight themed meeting of the TPB Freight Subcommittee scheduled for early December.

Staff provided input to the Maryland State Highway Administration on their efforts to update the Maryland Truck Route system.

Staff attended an FHWA-hosted webinars to learn how to best use FAF data to support freight planning and to learn more about the uses of the National Performance Measures Research Dataset (NPMRDS).

Staff attended the NHI Talking Freight Webinar to learn about the implementation status of the various FHWA-led MAP-21 freight rulemakings as well as the status of the National Freight Strategic Plan, the Conditions and Performance Report, and the National Freight Advisory Committee.

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 November 2014 period, staff prepared for and participated in MATOC committee meetings, including the MATOC Steering Committee meeting on November 14; the MATOC Severe Weather Working Group meeting on November 17; and the MATOC Information Systems Subcommittee, Transit

Task Force, and Operations Subcommittee semi-annual joint meeting on November 20. Staff also followed up on action items identified at previous meetings, and began preparations for December 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 conformity report was transmitted to federal, state transportation and air agencies. Supplemental data – needed for the approval of the conformity – was submitted to FHWA and EPA. The development of tolls and transit fares was documented.

2014 CLRP & FY2015-20 TIP

At the November meeting, the TPB approved the *Call for Projects* document, which includes a schedule for the air quality conformity of the 2015 CLRP & FY2015-20 TIP. As is customary at the start of each new conformity cycle, the transit service assumptions used in the preceding cycle were summarized and distributed to the TPB Technical Committee and the Regional Transit Providers Subcommittee 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:

- Continued testing of MOVES2014 with focus on its structural differences from MOVES2010, functionality and operability, and reasonableness of generated outputs
- Continued data processing and decoding of the 2014 Vehicle Registration Data (VIN)
- Staff attended a VDOT-sponsored workshop on MOVES2014 where technical aspects of MOVES2014 for experienced users were presented by FHWA.

- A MOVES2014 modeling application for air quality conformity was presented to the Travel Forecasting Subcommittee
- Staff responded to a data request from the District of Columbia DOT in support of a study on the Georgia Avenue NW dedicated bus lane.

C. Regional Studies

Staff drafted a report on ten listening sessions that were conducted 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. Staff presented the report to the TPB and the TPB Technical Committee.

Staff began working on the development of a list of the region's planned but unfunded transportation projects. At the TPB meeting on November 19, Robert Griffiths, Acting Co-Deputy Director of Transportation Planning, explained that each of the TPB's member jurisdictions will be asked to provide lists of projects for this master regional inventory of unfunded projects. Two conditions must be met in order for projects to be included: they must be already included in an approved state, local or regional plan, and they must be significant enough so that if they were to be funded, they would need to be included in the CLRP. Cost estimates or cost ranges will be identified for each project on the list.

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.

D. Coordination Cooperative Forecasting & Transportation Planning

Staff reviewed preliminary analysis of the benchmark IHS Global Insight population and household projections for the TPB Planning Region to the Cooperative Forecasting and Data Subcommittee on November 4, 2013. This analysis showed slightly higher population and household totals by 2040 than in the Round 8.3 Cooperative Forecasts.

Staff reviewed the schedule for Round 8.4 Cooperative Forecasts updates with the Cooperative Forecasting and Data Subcommittee. This schedule calls for the approval of the jurisdictional forecasts updates in mid-January and the submittal of Transportation Analysis Zone (TAZ) updates by January 30, 2015.

Arlington, Alexandria, Fairfax County and Prince William County planning staff have notified staff that they would be updating their growth forecasts in Round 8.4.

Staff began reviewing updated population, household and employment forecasts for Anne Arundel, Howard and Carroll Counties received from the Baltimore Metropolitan Council (BMC). These updates will be incorporated into the Round 8.4 Cooperative Forecasts.

Staff continued analysis of the IHS Global Insight employment forecasts, self-employment data from Census American Communities Survey (ACS) and BEA military employment data for all jurisdictions in TPB planning region. These data will be used in developing the regional benchmark employment projections for the Round 9 Cooperative Forecasts in the fall of 2015.

4. DEVELOPMENT OF NETWORK / MODELS

A. Network Development

Staff started the documentation of the currently adopted 2014CLRP transportation network inputs to the travel demand model. The report should be completed by January.

Staff continued work on comprehensively updating the regional base-year (2014) transit network. It will serve as a basis for building forecast-year transit networks for the upcoming (2015 CLRP) air quality conformity assessment.

Staff continued testing of the GIS-based network development and management system (COGTOOLS) which has recently been made compliant with ArcGIS 10.

B. GIS Technical Support

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

Staff finalized the draft ArcGIS web map of the 2014 CLRP projects and presented this web map at the November meetings of the TPB Technical Committee and Travel Forecasting Subcommittee.

Staff prepared a draft document describing the process and procedures to be followed in updating the CLRP geodatabase and identifying key personnel responsible for each step in the process.

Staff updated the attribute data for projects in the draft 2014 Bicycle and Pedestrian geodatabase and assisted in the presentation of the GIS web-based map of 2014 Bicycle and Pedestrian projects to the TPB Technical Committee at the November meeting.

Staff updated the TPB Planning Area boundary dataset to include the recently added urbanized area of Fauquier County and provided VDOT with a copy of this dataset for submission to FHWA.

Staff planned and participated in the November 18th GIS Committee meeting which was held jointly with the Mid-Atlantic Centerline Committee meeting. At this meeting various street centerline enhancement efforts were discussed by GIS Committee members.

Staff planned and participated in the November 25th meeting of the National Capital Region Geospatial Data Exchange (NCR GDX) Governance Working Group. The new single sign-on capability was demonstrated at this meeting and the working group planned outreach activities to various NCR Emergency Service Function (ESF) committees that could use the NCR GDX.

Staff participated in a Centerline Cartographic Workshop hosted by MD SHA's One Maryland One Centerline program. The purpose of this workshop was to provide input to MD SHA on integrating centerline cartography across various levels of government.

Technical assistance on importing GPS data into ArcGIS and on creating external area polygons for the analysis of external and through trip travel patterns derived from AirSage mobile device data was provided to DTP staff.

C. Models Development

The Travel Forecasting Subcommittee (TFS) met on November 21. The subcommittee was briefed on several activities, including:

- TPB staff's current application of the EPA MOVES model to estimate mobile emissions;
- Testing recently undertaken to determine how many concurrent models could be executed on a single computer server;
- The current results of staff's ongoing analysis of cell probe-based O/D data being assessed for model development work;
- The status of activities associated with the ongoing consultant-assisted project to improve the TPB travel forecasting process.

TPB staff also welcomed the incoming TFS chair for calendar-year 2015, Ryan Westrom, of DDOT.

Staff continued its analysis of AirSage data (zone-to-zone person trip tables developed from mobile device data). A TPB staff met with AirSage staff via teleconference on November 6 to discuss the current status of the project. It was agreed that AirSage will send a refined O-D data set based on updated specifications from TPB staff.

Staff began summarizing transit path information from the 2012 Metrorail Passenger Survey. The resultant tabulations will be used to validate and condition transit paths developed from the new transit path-building software called PT.

As per the consultant-assisted project to develop and apply the regional travel demand model, staff transmitted a memorandum to the consultant (CS) that presented a revised proposal for assistance developing a strategic plan for models development. Staff continues to test modeling files delivered last fiscal year by AECOM's regarding HOT-lane modeling enhancements, including automated toll-setting scripts.

COG/TPB staff responded to 8 data requests: One for a state DOTs, four for local agencies, one for an academic institution, and two for consultants. For example, both VDOT and Fairfax Co. requested a copy of the currently adopted Version 2.3.57 travel model.

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 HOB and travel time data collection funded under this item.

B. Congestion Monitoring and Analysis

The consultant completed the draft report and submitted the report to staff for review and finalization. Staff presented the findings to the MOITS subcommittee during the November meeting and solicited comments. Staff are compiling list of comments and performing data review and quality checks.

The consultant has assembled the video for four of the nine sites where data was collected at 1 second intervals as part of the TLAP pilot project. Video assemblage for all sites is expected to be completed in December.

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

No work activity during the reporting period.

D. Regional Transportation Data Clearinghouse (RTDC)

Staff continued to update the RTDC highway network to incorporate updated attributes from the final 2014 CLRP highway network and continued the update of RTDC VMT data for 2013.

Staff obtained FY 2014 average weekday transit ridership from PRTC Omniride and The Bus.

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 obtained the Round 8.3 Cooperative Forecast TAZ data for inclusion in the RTDC web application.

Staff created an initial HPMS database for the TPB modeled area from DDOT, MDSHA, VDOT, and WVDOT statewide HPMS submittals that containing traffic data and other highway system characteristics for calendar year 2012. Staff further completed draft technical documentation on the procedures and processes used to create this initial HPMS database. Staff also requested DDOT, MDSHA, VDOT, and WVDOT statewide HPMS submittals for calendar year 2013.

6. TECHNICAL ASSISTANCE

A. **DISTRICT OF COLUMBIA**

1. Program Development, Data Requests & Miscellaneous Services

No work activity during the reporting period.

2. Traffic Counts and HPMS Support

Staff prepared the draft agenda for the November 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 Inset Map to the Committee for review, presented recommendations for changes to HPMS sections for 2015, recommended review of two HPMS sections which are closed to public traffic, and reported on the status of the draft Traffic Monitoring Program Documentation.

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

Staff reviewed and accepted 27 short-term traffic counts submitted by the traffic count contractor.

Staff finalized the 2014 HPMS Program Documentation and distributed it to the HPMS Committee.

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

Technical aspects of the various active projects were reviewed for consistency with agreed upon scopes of work and schedules.

2. Project Planning Studies

Staff participated in the monthly team meeting of the MTA Southern Maryland Rapid Transit project, designed to evaluate bus rapid transit options along MD 5 in Prince George's and Charles Counties. Staff reviewed meeting documents and proposed a methodology to move forward.

3. Feasibility/Special Studies

Work continued on the Veirs Mill Road study and the model revalidation for the Alternatives Retained for Detailed Study (ARDS). Upon completion of travel demand model runs, staff prepared summary tables and maps, and transmitted draft 2014 validation documents and data to the study team. Work also 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. Staff participated in coordination meetings with MD SHA and Montgomery County DOT staff to solidify modeling assumptions and methods for all three studies.

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, staff provided model data files and summaries of geographically focused survey findings as tools that could support MDOT's transit-oriented development analyses, and traffic impact studies.

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 reviewed work scopes with VDOT staff.

2. Travel Monitoring and Survey

Staff 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 participated in the HB 2 Peer Review Workshop on November 17 and 18. Staff attended the I-66 TTAG meeting on November 19th. Staff continued processing the raw footage for the I-66 BOS training video and at VDOT direction inquired with the StreetSmart creative consultant regarding production of the training video. Staff presented (with the VDOT project manager) an update on the I-66 BOS pilot to the Regional Public Transportation Subcommittee meeting on November 25. Staff held calls with the consultant for the Regional Bus Staging, Parking, and Layover Location study and reviewed the Task 4/5/6 memorandum. The study consultant completed the Task 4/5/6 (site evaluation methodology and results) technical memorandum and distributed it to the study steering committee on November 13.

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 for the TPB/WMATA project briefed the TPB and WMATA survey team on the progress of the survey during the weekly conference call during the month.

Fall on-board survey data collection continues with the make-up trips being resurveyed. As of the end of November, 2,206 Metrobus trips had been re-surveyed and completed surveys had been collected from over 19,647 Metrobus passengers. The last few trips as well as necessary make-up trips will be conducted in December.

Staff has been closely monitoring the progress of the contractor. A list of bus trips that are of particular concern was provided to the contractor to aid in prioritizing the make-up trips to ensure full line coverage.

7. CONTINUOUS AIRPORT SYSTEM PLANNING (CASP) PROGRAM

A. CASP 27

1. Air Cargo Element Update

Staff began updating the demographic and employment information used for the plan update and began the literature review for the supply report. Staff presented information on the demographic and employment updates to the Aviation Technical Subcommittee meeting on November 20. Staff met again 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 reviewed the recent FAA TAF and other materials for the forecast update. Staff prepared draft origin-destination tables and presented them to the Aviation Technical Subcommittee on November 20.

3. 2013 Air Passenger Survey (Phase 1)

Staff performed QA/QC on the external trip records, corrected geocoding as needed, and re-ran the allocation process for 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**

November 30, 2014

	BUDGET TOTAL	FUNDS EXPENDED	% FUNDS EXPENDED
1. PLAN SUPPORT			
A. Unified Planning Work Program (UPWP)	72,800.00	47,168.34	65%
B. Transp Improvement Program (TIP)	247,800.00	47,969.71	19%
C. Constrained Long-Range Plan	736,100.00	220,045.33	30%
D. Financial Plan	64,900.00	18,394.69	28%
E. Public Participation	434,700.00	133,553.92	31%
F. Private Enterprise Participation	18,800.00	726.13	4%
G. Annual Report	82,500.00	54,288.28	66%
H. Transportation/Land Use Connection Progr	430,300.00	70,122.03	16%
I. DTP Management	482,800.00	186,072.48	39%
SUBTOTAL	2,570,700.00	778,340.91	30%
2. COORDINATION PLANNING			
A. Congestion Management Process (CMP)	211,000.00	91,814.32	44%
B. Management, Operations& ITS Planning	400,500.00	110,194.63	28%
C. Emergency Preparedness Planning	77,600.00	11,597.60	15%
D. Transportation Safety Planning	128,800.00	44,418.06	34%
E. Bicycle and Pedestrian Planning	125,000.00	63,575.31	51%
F. Regional Bus Planning	210,000.00	61,505.50	29%
G. Human Service Transportation Coordination	141,200.00	60,154.39	43%
H. Freight Planning	194,500.00	81,138.54	42%
I. MATOC Program Planning Support	123,600.00	68,875.52	56%
SUBTOTAL	1,612,200.00	593,273.87	37%
3. FORECASTING APPLICATIONS			
A. Air Quality Conformity	584,600.00	389,063.28	67%
B. Mobile Emissions Analysis	707,200.00	288,890.23	41%
C. Regional Studies	531,800.00	87,310.05	16%
D. Coord Coop Forecasting & Transp Planning	831,000.00	322,329.21	39%
SUBTOTAL	2,654,600.00	1,087,592.78	41%
4. DEVELOPMENT OF NETWORKS AND MODELS			
A. Network Development	792,800.00	278,362.04	35%
B. GIS Technical Support	565,300.00	284,592.40	50%
C. Models Development	1,153,400.00	451,914.12	39%
D. Software Support	184,300.00	69,177.48	38%
SUBTOTAL	2,695,800.00	1,084,046.04	40%
5. TRAVEL MONITORING			
A. Cordon Counts	258,400.00	122,537.04	47%
B. Congestion Monitoring and Analysis	440,500.00	180,641.28	41%
C. Travel Surveys and Analysis Household Travel Survey	1,527,500.00	20,079.81	1%
D. Regional Trans Data Clearinghouse	327,400.00	135,872.73	42%
SUBTOTAL	2,553,800.00	459,130.86	18%
SUBTOTAL CORE PROGRAM ITEMS 1-5	12,087,100.00	4,002,384.47	33%
6. TECHNICAL ASSISTANCE			
A. District of Columbia	380,303.00	63,182.99	17%
B. Maryland	916,067.00	117,203.62	13%
C. Virginia	897,295.00	129,826.14	14%
D. WMATA	249,578.00	114,255.03	46%
SUBTOTAL	2,443,243.00	424,467.81	17%
TPB GRAND TOTAL	14,530,343.00	4,426,852.25	30%

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

November 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	62,951.87	34,793.42	9,320.47	200,206.58	53,631.40
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	63,182.99	56,306.57	9,354.69	323,996.43	53,828.30
B. Maryland						
1. MD Program Development	25,000.00	3,429.04	3,701.43	507.69	21,298.57	2,921.35
2. Project Planning Studies	180,000.00	39,445.36	26,650.28	5,840.17	153,349.72	33,605.19
3. Feasibility / Special Studies	200,000.00	59,007.38	29,611.43	8,736.46	170,388.57	50,270.92
4. Transportation Performance Measures	150,000.00	10,813.34	22,208.57	1,600.99	127,791.43	9,212.35
5. Training Misc. Tech Support	145,000.00	4,508.50	21,468.28	667.51	123,531.72	3,840.98
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	117,203.62	135,630.25	17,352.83	780,436.75	99,850.79
C. Virginia						
1. VA Data Documentation	23,000.00	1,694.34	3,405.31	250.86	19,594.69	1,443.48
2. FY15 Travel Monitoring	200,000.00	54,108.51	29,611.43	8,011.15	170,388.57	46,097.36
3. FY15 Travel Demand Modeling	169,167.00	3,562.26	25,046.38	527.42	144,120.62	3,034.84
4. FY15 Regional Sub Region Study	505,128.00	70,461.04	74,787.80	10,432.26	430,340.20	60,028.78
5. Other Tasks to be defined	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL	897,295.00	129,826.14	132,850.92	19,221.69	764,444.08	110,604.46
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	114,255.03	191,200.00	114,255.03	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	114,255.03	249,578.00	114,255.03	0.00	0.00
GRAND TOTAL	2,443,245.00	424,467.79	574,365.73	160,184.24	1,868,877.27	264,283.55