

FY 2014

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

**Work Program Progress Report
MARCH 2014**

PROGRAM HIGHLIGHTS

1. **PLAN SUPPORT**

A. Unified Planning Work Program (UPWP)

The final draft FY 2015 UPWP and the carry over budgets and projects from FY 2014 were presented to the Technical Committee and the TPB. TPB approved them at its March 19 meeting. In April the final FY 2015 UPWP will be submitted to FTA and FHWA for review and approval.

Work continued monitoring the activities under the FY 2014 UPWP began on July 1, 2013.

B. Transportation Improvement Program (TIP)

At its meeting on March 7, the TPB Steering Committee approved an amendment to the FY 2013-2018 TIP requested by the Virginia Department of Transportation to include funding for the Virginia Route 28 study. TPB staff also processed administrative modifications to two TIP projects for the Maryland Department of Transportation and modifications to five projects for the Washington Metropolitan Area Transit Authority.

C. Constrained Long-Range Plan (CLRP)

During the beginning of the month of March, TPB staff worked with member agencies to compile the project submissions for the Air Quality Conformity Analysis of the 2014 CLRP. TPB staff prepared maps and written descriptions for each of the major projects. These materials along with the complete Air Quality Conformity Tables were released for public comment at the Citizens Advisory Committee meeting on March 13. The TPB was briefed on the project submissions at their meeting on March 19.

D. Financial Plan

During March, WMATA, DDOT, MDOT and VDOT staffs continued to review and update their agency's revenues and expenditure forecasts. The WMATA draft capital and operating subsidy forecasts and the costs for Metro 2025 expansion program were reviewed in detail, and an error was corrected in the operating subsidy numbers. Staff from Northern Virginia agencies focused on how their revenues forecasts could fund the WMATA requests for state-of-good repair funding for the system. It appears that at this time full funding for 100 percent 8-car trains on the system and core station capacity improvements could not be identified and that the transit ridership capacity constraint would need to continue. The next meeting will be held on April 14.

E. Public Participation

Staff conducted a session of the TPB's Community Leadership Institute on March 13 and 19. This session was originally scheduled to take place last November. This was the 12th CLI session since the program began in 2006, but it was the first time the event has been geared toward the staff of local elected officials. The two-day workshop engaged participants in experiential learning activities and group discussions to better understand how transportation decisions are made throughout the Washington region, including at the local, state, and regional levels.

The 2014 CAC held its first meeting on March 13 (the February meeting was cancelled because of snow). Chairman Wojahn also introduced himself and gave an overview of plans for 2014. The major business item was to discuss the comparative assessment between the Regional Transportation Priorities Plan (RTPP) and the 2014 Constrained Long Range Plan (CLRP).

Access for All Advisory Committee (AFA)

Staff began to plan for the April meeting of the AFA committee.

F. Private Enterprise Participation

A meeting of the Regional Taxicab Regulators (RTR) Task Force was held on March 26, 2014. The meeting included updates from regulators in of the jurisdictions in attendance and a presentation from the DCTC on the future of "ridesharing" in the District of Columbia. Participants were particularly interested in this discussion, and staff spent some time discussing ways of incorporating this topic into future meetings and work of the task force with the RTR chairman. The next meeting of the RTR task force is scheduled for June 25, 2014.

TPB staff conducted initial planning for the Annual Transit Forum, which is scheduled for May. Potential agenda topics were developed and likely attendees reviewed.

G. TPB Annual Report and TPB News

The March *TPB News* was produced and distributed.

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

Staff began to write content for the 2014 Region magazine.

H. Transportation / Land Use Connection Program (TLC)

All of the FY2014 TLC projects were underway during the reporting period. Staff attended meetings around the region on the projects and monitored their progress. The projects will be completed by the end of the fiscal year.

For Transportation Alternatives Program (TAP) project applications in Virginia, staff took steps to convene a selection panel, which will meet in April. For Maryland, staff worked with MDOT on the reissuance of the TAP solicitation for FY2014 to expend remaining funds.

I. DTP Management

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

2. COORDINATION PLANNING

A. Congestion Management Process (CMP)

Staff continued development of and technical analysis for the 2014 CMP Technical Report:

- Completed the major part of congestion and travel time reliability analysis using the 2010-2013 INRIX raw data and the VPP Suite.
- Presented an update on the progress on the report to the MOITS Subcommittee on its March 11 meeting.

Staff continued development of a National Capital Region Congestion Report for the fourth quarter 2013:

- Presented the first draft to the MOITS Subcommittee on its March 11 meeting.
- Revised the draft with more comprehensive congestion and travel time reliability analysis, more coverage for the congestion maps, highlights of the Federal government shutdown traffic impact analysis, and complete background and methodology information.

On March 6, staff monitored a FHWA workshop titled “Let’s Talk Performance: Best Practices for Collaborating to Share Data and Data Analytics”.

On March 18-19, staff participated in the Transportation Research Board SHRP2 Implementation Planning Workshop on Reliability Data and Analysis Tools Bundle in Washington, DC.

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

Staff prepared for and conducted the regular meeting of the MOITS Technical Subcommittee held March 11, 2014. The Subcommittee and staff reviewed the status of MOITS-related aspects of the Congestion Management Process, Intelligent Transportation Systems (ITS) Architecture, traveler information services, and the newly released federal Notice of Proposed Rulemaking for transportation safety planning.

Staff continued providing technical input on traffic signal power back-up systems for discussions at the Regional Emergency Support Function (RESF)-1 Emergency Transportation Committee, and as part of a traffic signals power back-up proposal for the 2014 Homeland Security National Capital Region Urban Area Security Initiative (UASI) process. Staff also continued preparing for the next meeting of the MOITS Traffic Signals Subcommittee to be held in May (rescheduled from March).

Staff continued revising the text of the Regional ITS Architecture toward a future revised version of the architecture.

Staff continued coordinating MOITS activities with the RESF-1 – Emergency Transportation Committee (see also Item 2.C), and the Metropolitan Area Transportation Operations Coordination (MATOC) Program (see also Item 2.I.).

On March 18, staff participated in a national-level SHRP2 Implementation Planning Workshop on the Reliability Data and Analysis Tools Bundle, advising a number of national-level research projects on enhancing transportation reliability, at the Transportation Research Board offices in Washington, D.C.

On March 19, staff participated in a Maryland State Highway Administration statewide agency-level "Organizing for Reliability" workshop as part of a SHRP2-funded study, in Baltimore, Maryland.

C. Transportation Emergency Preparedness Planning

Staff guided the Regional Emergency Support Function (RESF)-1 Emergency Transportation Committee through the procedures for the Homeland Security Urban Area Security Initiative (UASI) grant program and assisted committee members in evaluating projects, defending RESF-1 proposals to other organizations and updating proposals into more efficient and effective proposals.

Staff assisted in finalizing an expert consultant contract for a tabletop exercise planned for June 2014, on the topic of regional transportation management during evacuations. The contract was issued in late March, and planning for the tabletop began.

Staff alerted the RESF-1 Committee of the procedures for the Exercise and Training Oversight Panel (ETOP) Exercise and Training sub-grant program and assisted committee members in proposal identification and development.

Staff led preparations for the RESF-1/Emergency Transportation Committee March 20 meeting by exploring potential agenda items with the co-chairs of the committee, preparing the agenda and facilitating the meeting.

The RESF-1 Committee reviewed the UASI grant proposals and provided recommendations and priorities to RESF-1 committee generated proposals and other functional area proposals reviewed by RESF-1.

D. Transportation Safety Planning

Staff prepared an agenda and materials, and contacted guest speakers, for the March 10, 2014 meeting of the Transportation Safety Subcommittee. Staff presented on the Spring 2014 Street Smart Pedestrian and Bicycle Safety campaign; the anticipated Notice of Proposed Rulemaking on transportation safety planning; and current transportation safety data.

Staff began a detailed review of the federal Notice of Proposed Rulemaking on transportation safety, released in the Federal Register on March 11. On March 19, staff attended a national webinar on the Rule, especially regarding safety performance measures guidance to implementing MAP-21 requirements. Staff also prepared a presentation on MAP-21 safety performance measure guidance to brief interested committees.

Staff presented on the Spring 2014 Street Smart Pedestrian and Bicycle Safety campaign, and regional pedestrian and bicyclist safety, as the featured speaker at the March 26th Prince George's County Planning Department Speaker series in Upper Marlboro, Maryland.

E. Bicycle and Pedestrian Planning

Staff briefed the TPB Technical Committee on the Spring 2014 Street Smart Pedestrian and Bicycle safety campaign at its March 7, 2014 meeting. Staff mentioned public service announcement placement and concurrent law enforcement as two areas in which jurisdictions could help support the campaign. The Technical Committee requested a status report on PSA pledges, showing which agencies had provided space, be distributed within one week; staff produced this report.

Staff worked with the region's agency bicycle and pedestrian staff to update the regional bicycle and pedestrian database.

Staff prepared for and conducted a regular meeting of the Bicycle and Pedestrian Subcommittee on March 18.

At the March 18th meeting, staff briefed the bicycle and pedestrian subcommittee on the status of the bicycle and pedestrian project database update, and did a live demonstration, entering a new project into the database.

TPB staff briefed the Subcommittee on the TCSP Grant Study, High Impact Complete Streets Access Improvements to Rail Station Areas in the Washington Region, received comments and answered questions about the study. The project consultant will work with the Subcommittee members and affected jurisdictions to develop a list of projects at the 25 selected rail stations.

Staff also briefed the Subcommittee on the status of the Spring 2014 Street Smart pedestrian and bicycle safety campaign, which will take place April 14 – May 11th.

Subcommittee reviewed comments made by TPB Board Member Jay Fiset at the January TPB meeting on a bicycle and pedestrian loop to connect trails around the Washington region, discussed a possible “bicycle beltway” trail proposal. The Subcommittee suggested that a separate meeting be held to focus on such a proposal.

Staff briefed the Commuter Connections committee at its March 18 meeting on the new Green Streets policy adopted by the TPB in February 2014.

F. Regional Bus Planning

The Regional Bus Subcommittee met in March and received an update from TPB staff on the Commuter Bus Staging Area Study. An update on the 2014 Metrobus survey was presented. Initial discussion on ITS and Real-Time Transit information was held, with survey results to be presented next month. Other agenda topics included a review of DC Streetcar plans.

TPB staff delivered language for the 2014 revision of the Moving Forward Bus Brochure to the printer. Staff also reviewed MAP-21 performance measurement rulemaking and participated in the monthly WMATA JCC meeting and a WMATA meeting on their Metrobus Late Night Service Study.

G. Human Service Transportation Coordination

The Human Service Transportation Coordination Task Force met on March 27th. Activities included final member input on Unmet Needs and Strategies sections of the coordinated plan and confirmation of priority projects for the FY2014 5310 Enhanced Mobility Program. Staff has continued updating key sections of the Coordinated Human Service Transportation Plan, which includes the regional specialized transportation inventory. Meetings are scheduled for the next months towards the goal of an updated Coordinated Plan and approval and release of the solicitation by fall of 2014.

H. Freight Planning

New freight planning staff and senior staff worked together to review previous regional freight planning documents, and prepare for upcoming work and discussions with stakeholders.

Staff held a strategy session with the chair of the Freight Subcommittee to discuss topics for consideration by the TPB Freight Subcommittee in 2014, and to begin to plan for a next meeting of the Freight Subcommittee after a recent hiatus.

Staff reviewed the March 11, 2014 release of a Federal Notice of Proposed Rulemaking on transportation safety planning, including freight movement-related aspects.

On March 18, staff participated in a meeting regarding East Coast passenger rail Northeast Corridor (NEC) Futures.

On March 28, staff participated in Regional Integrated Transportation Information System (RITIS) training, a source of information on congestion and incidents that may impact freight movement.

Staff began development of work plans for ongoing support of the Freight Subcommittee, continuing development of *Freight Around the Region* reports, and compilation of regional freight data.

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 March 2014 period, staff prepared for, hosted, and participated in MATOC committee meetings, including the MATOC Severe Weather Working Group on March 10, the MATOC Steering Committee on March 14, and the MATOC Information Systems Subcommittee and Operations Subcommittee joint meeting on March 27. Staff also followed up on action items identified at previous meetings, and began preparations for March 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

Staff has been reviewing project inputs and coordinated with implementation agencies with respect to project changes since last year and presented the project inputs and the major changes since last year, and the Scope of Work to the TPB Technical Committee, MWAQC TAC, TPB and the Travel Forecasting Subcommittee. The project inputs and Scope of Work were also released on March 13 for a 30-day Public Comment Period. The supported documentation was posted online.

Staff continued work on the development of a base year transit network based upon which the milestone years' of the conformity determination analyses will be based on. With the approval of the Round 8.3 Cooperative Land Use Forecasts by the COG Board, the preparatory work started for such data to serve as inputs in travel demand model runs. Staff forwarded to the consultation agencies and public advisory committees the meeting agenda of the monthly TPB meeting and supporting material pertaining to air quality conformity.

B. Mobile Emissions Analysis

At the request of the Climate, Energy and Environment Policy Committee of MWCOG (CEEPC), CO₂ emissions inventories from the on-road mobile sector for year 2012 were developed for jurisdictions in the Washington non-attainment area; the model outputs were tabulated and delivered to staff supporting the CEEPC.

Staff presented the findings of in house research to the 2014 Transportation Planning, Land Use and Air Quality Workshop of the Transportation Planning Board (TPB) in Charlotte, NC; the topics were: (1) the impacts of vehicle starts on mobile emissions; and (2) how to achieve output parity between the Inventory and Rate Approaches of MOVES2010.

In anticipation of a potential re-benchmarking of year 2005 Based Year CO₂ emissions inventories when the MOVES2014 emissions model is released and fully functional, staff proactively started preparatory work by "building" 2005 highway and transit networks since such networks were not readily available from previous travel demand model applications.

Staff continued compilation of TERMS projects for inclusion in the 2014 CLRP & FY2015-20 TIP air quality conformity determination analyses.

Staff participated in coordination meetings with MWAQC constituency members pertaining to preliminary schedules and course of action for the development of: (1) updated direct PM_{2.5} and precursor NO_x emissions inventories for years

2017 and 2025 in accordance with a MD-DC-VA accord made as part of the 2013 PM2.5 Redesignation Request and Maintenance Plan; (2) a Reasonable Further Progress (RFP) plan for the 2008 Ozone standard consisting of developing emissions inventories for Base Year 2011 and 2017 for all emissions sectors.

C. Regional Studies

Regional Transportation Priorities Plan

Staff worked to develop an assessment of how the current CLRP and projects proposed for the 2014 updated help the region work toward the priorities expressed in the RTPP. This process included internal staff meetings, consultations with members of STWG, the TPB technical committee, and the TPB at various points throughout the month of March. A memo was developed describing the details of the proposed assessment, and staff presented this memo at the March TPB Technical Committee and TPB meeting to solicit comments. The initial assessment was planned to be presented at the April TPB meeting.

Staff also conducted internal discussions to identify ways in which outreach on the RTPP might be coordinated with the Place + Opportunity report, which was developed by the COG's Department of Community Planning and Services.

Support for Region Forward

No work activity during the reporting period.

Grant Applications for US DOT Funding Programs

No work activity during the reporting period.

D. Coordination Cooperative Forecasting & Transportation Planning

Staff reviewed the updated Round 8.3 TAZ-level forecasts submitted by COG member jurisdictions and the Baltimore Metropolitan Council (BMC) for the jurisdictions in the BMC portion of the TPB modeled area. Staff followed up with questions for specific TAZs that had very high or extremely low average household sizes and received answers to these questions and, in a few cases, recommended adjustments to the household, household population and group quarter population totals for these specific TAZs.

Staff also reviewed and followed up with BMC with specific questions on their new employment forecasting methodology and the break out of their TAZ-level forecasts by four employment types. Based on this review and follow-up, staff developed new TAZ-level employment definition factors for BMC employment data by type to make these data consistent with the total employment and

employment type data definitions used by COG member jurisdictions in the development of the Round 8.3 Cooperative Forecasts.

Staff began development of a presentation highlighting the significant changes in the Round 8.3 Cooperative Forecasting compared to the Round 8.2 forecasts and amount of new growth now forecast for the 141 COG Activity Centers.

Staff continued to review and analyze updated metropolitan economic forecast data from Woods & Poole, IHS Global Insight and Regional Economic Models, Inc (REMI) for the TPB modeled area.

Staff continued the tabulation and analysis of data on new commercial construction in the metropolitan Washington region for the Commercial Construction Indicators report.

4. DEVELOPMENT OF NETWORK / MODELS

A. Network Development

The report describing the 2013 CLRP and 2013-18 TIP transportation networks was completed and released on March 18 following a review and comment period by the Travel Forecasting subcommittee. The report was distributed to the Travel Forecasting Subcommittee (TFS) on March 21.

Staff continued modifications to the network geodatabase to accommodate the conversion from TRNBUILD transit network software to Public Transport (PT). The conversion effort is being guided by the AECOM, the consultant assisting TPB staff with the conversion, along with several other travel modeling improvements.

Network Development staff provided technical support to a select link analysis that was conducted for VDOT (described more in the Models Development).

B. GIS Technical Support

Staff continued to monitor and manage the operational performance of the ArcGIS server and installed several ArcGIS software updates and patches on user machines.

Staff continued work on the web map application for the CLRP project database.

Staff responded to a GIS data request from a consultant working on a project for Fairfax County.

Staff reviewed the preliminary version of the DTP GIS user survey questionnaire.

Staff reviewed the proposals submitted in response to RFP 14-017 “Conversion of COG.TPB Custom GIS-Based Editing Tools Used to Manage and Develop Transportation Networks” and recommended that the consultant contract for this project be awarded to Daniels Consultants, Inc. This consultant selection recommendation was reviewed and processed by COG’s Contracting Officer and the contract for this project was awarded to Daniels Consultants, Inc.

Staff attended the March 20th meeting of Chief Information Officers (CIO) Committee.

Staff planned and participated in the March 25th National Capital Region Geospatial Data Exchange (NCR GDX) Governance meeting. Governance Committee members met with representatives of the region’s emergency management agencies to discuss use of the NCR GDX in upcoming emergency planning exercises.

Staff planned and participated in the March 25th GIS Committee meeting. Light Detection and Ranging (LiDAR) remote sensing data collection and maintenance efforts were discussed at this meeting.

C. Models Development

The Travel Forecasting Subcommittee (TFS) convened on March 21. The meeting agenda included an overview of the air quality conformity schedule and a status report on travel model improvement activities.

Staff implemented an update to the transit “skimming” program within the currently adopted travel demand model (Version 2.3.52). The binary level-of-service files now include table names which will facilitate the identification of the specific matrices within the file. Staff has begun documenting this and other minor refinements to the travel model in anticipation of upcoming conformity work.

A draft February memorandum describing the processing of the 2012 Metrorail Survey file was refined and completed on March 7. This file will be used to inform future travel model calibration work.

The consultant-assisted project for improving the regional model progressed during March. A revised transit walk-shed memorandum (Task Order 11) and process was transmitted to TPB staff on March 17. Staff has begun examining and testing the revised process to make sure it is consistent with the existing process. As the project is nearing the end of the existing three-year contract, TPB staff has begun formulating a Request for Proposals to secure the services of a consultant for this on-going project.

Staff responded to four technical data requests during March, including a request from the Montgomery County Department of Transportation for travel modeled outputs.

Staff commenced work on a technical assistance request from the Virginia Department of Transportation to conduct a “select link” analysis for Potomac River bridge links in the highway network. VDOT plans to evaluate this information against observed bridge crossing data that was obtained for VDOT’s Potomac River Crossing Data Development Study. TPB staff select link analysis is on-going and will be completed by early April.

On March 11, a TPB staff member (Mark Moran) presented to the Cooperative Forecasting and Data Subcommittee on the TPB’s current travel forecasting methods and practice.

On March 25, a TPB staff member (Ron Milone) was asked to speak at a transportation planning class at George Mason University. Mr. Milone presented on the COG TPB planning and forecasting practices.

On March 28, a TPB staff member (Ron Milone) assisted the Loudoun County transportation staff with job interviews for a Transportation Planner-Modeler position. The assistance in this regard was sought since the position would require interaction with COG/TPB staff and data.

D. Software Support

In preparation for the upcoming 2014 air quality conformity cycle, staff reviewed and tested recently ungraded MOVES modeling processes before they are applied in the analyses. In addition, staff created a directory structure, MOVES RunSpecs and batch setups in support of the development of the CO2 emissions inventories. In preparation for the July 2014 Vehicle Identification Number (VIN) database update, staff coordinated with a software vendor on obtaining a new software license, technical aspects and pricing information. The new license is needed for the upcoming decoding of the 2014 VIN database into MOVES-compatible format for use in the 2015 CLRP air quality conformity determination.

5. TRAVEL MONITORING

A. Cordon Counts

Staff continued revising the work plan for the spring regional HOV monitoring to be performed under this work item.

B. Congestion Monitoring and Analysis

The freeway congestion monitoring project request for proposals (RFP) resulted in two proposals which was distributed to the selection committee made up representatives from three jurisdictions. On March 11, 2014, the RFP Selection Committee met and selected a recommended proposal, and the recommended contractor was awarded the contract. A team of departmental staff met with the contractor to discuss a pilot data collection project to be carried out as part of

the freeway congestion monitoring program, in addition to the traditional aerial photography methods used in previous years. The MOITS Technical Subcommittee was to be briefed on the status of freeway congestion monitoring program schedule at its April meeting.

Staff provided continued technical input to the relevant sections of the 2014 Congestion Management Process Technical Report (see also 2.A.).

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

Staff continued work on the preparation of the RFP for the FY 2014 Geographically-Focused Household Travel Surveys (HTS).

Staff continued work on computer programs to process CTPP household income, vehicle availability and household size data.

Staff continued researching ways to enable more useful comparisons of multi-year 2006-2010 CTPP data with 2010 Census and 2010 Cooperative Forecasting base year estimates.

Staff began examination of the possibility of matching CTPP TAZs to the 141 COG Activity Centers.

D. Regional Transportation Data Clearinghouse (RTDC)

Staff continued to review and analyze the traffic count and classification data obtained from regional Automatic Traffic Recorders (ATRs) from 2007 through 2013.

Staff continued preparation of the 2014 regional transit network for inclusion in the RDTC.

Staff began preparing Round 8.2 TAZ-level forecasts for inclusion in the RDTC and to enable comparison of the Round 8.2 TAZ-level forecasts with Round 8.1 and Round 8,0a TAZ-level forecasts.

Staff obtained 2006, 2009, and 2013 Metro Core Cordon Count data for inclusion in the RDTC.

Staff responded to a RDTC data request for 2010-2012 AADT and AAWDT volume estimates at TPB modeled area external stations.

Staff responded to a RDTC data request for 2005-2012 Vehicle Miles of Travel (VMT) data for TPB modeled area jurisdictions.

Staff responded to RDTC data request for 2005-2012 wage and salary employment data for use in TPB Freight Planning work activities.

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 March HPMS Coordinating Committee meeting, participated in this meeting and drafted the meeting summary for this meeting.

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

Staff also processed and summarized newly revised traffic count data collected at DDOT permanent count stations in January and February and reviewed the summarized data with the HPMS Coordinating Committee.

Staff summarized 2013 DDOT Weigh-in-Motion (WIM) station data and added these data to the 2013 Annual Average Daily Traffic (AADT) file.

Staff provided the COG traffic count contractor with detailed maps identifying the locations where 42 short-term counts are to be performed by April 30th.

Staff prepared an analysis identifying the locations where short-term HPMS counts are to be performed in 2014 and 2015 to see if any of these location had already been recently counted for other DDOT traffic studies.

3. Bicycle Counts

No work activity during the reporting period.

4. Weigh In Motion (WIM) Station Analysis

No work activity during the reporting period.

5. Peak Period Street Restrictions Inventory

No work activity during the reporting period.

B. MARYLAND

1. Program Development /Management

With input from MD SHA from the February 13, 2014 coordination meeting, the program budgets for FY2014 were amended and estimates of budget deferrals to FY2015 were derived. In addition, the FY2015 scopes of work were revised in accordance with MD SHA envisioned needs for technical assistance for FY2015. This information was integrated into the overall FY2015 UPWP, which was approved by the TPB during its March meeting.

2. Project Planning Studies

The consultant retained for the Commuter Bus Staging Area Study administered by VDOT – in which MDOT made a financial contribution – held the first steering committee meeting on March 19, 2014 to kick off the project. Subsequently, the consultant requested base information on regional motor coach services, routes, stops, schedules etc.

3. Feasibility/Special Studies

Staff continued work on the Veirs Mill Road and Georgia Avenue multimodal studies by documenting the work performed thus far, by transmitting to MD SHA a draft technical report with the findings, and by meeting to discuss technical aspects associated with both transit corridors and to strategize future work tasks.

4. Transportation Performance Measures

Responding to a data request from MDOT, staff provided survey data, travel demand model data and GIS data for an accessibility analysis conducted by a consultant for MDOT.

5. Training/Miscellaneous Technical Support

No work activity during the reporting period.

6. Statewide Transportation Model Support

Responding to a data request from MDOT, staff provided survey data, travel demand model data and GIS data for an accessibility analysis conducted by a consultant for MDOT.

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-on 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 finalized materials on the FY15 Technical Assistance Program and FY14 carryover.

2. Travel Monitoring and Survey

Staff continued work on the Fall 2013 travel monitoring technical memorandum and began planning locations for the Spring 2013 bicycle monitoring.

3. Travel Demand Modeling

Staff responded to a VDOT question about the current model set.

4. Regional and Sub-Regional Studies

Staff held a kick-off call with the Regional Bus Staging Study consultant (Cambridge Systematics). The consultant held the first meeting of the study steering committee at COG offices on March 19th and began gathering information from the area transit operators and DDOT for use in the study. Staff prepared a compilation of training video clips and a frequently-ask-questions file on the I-66 bus on shoulder pilot project for distribution at an upcoming meeting of the study working group.

5. Other Tasks Yet to be Defined

No work activity during the reporting period.

D. WMATA

1. Program Development

At the request of WMATA, staff met with its representatives to discuss a concept for a potential study of interest to WMATA which would assess

likely impacts of new transit services proposed and implemented by others (i.e., non WMATA) on Metrorail stations and Metrobus bus stops where passenger from various transit systems interface. Following up on an agreement made at the meeting, staff began developing a preliminary scope of services identifying how the TPB regional travel demand model may be used to support WMATA's needs for technical data.

The program manager reviewed the status of the projects in the technical assistance program.

2. Miscellaneous Services

No work activity during the reporting period.

3. 2014 Metrobus Passenger On-Board Survey

The consultant project team printed all materials for the Spring data collection. The consultant project team submitted to TPB/WMATA a tracking system, which consists of a dashboard to track key components of the data collection as well as spreadsheets tracking results at the trip level. This tracking system was approved by TPB/WMATA, and is to be provided on a weekly basis.

The Field Operations Plan for the 2014 Metrobus Survey was updated to include the final bus sample prepared by the consultant team and approved by TPB/WMATA. The assignment of field staff was also updated to reflect the revised sample. Two briefings of field interviewers were conducted by the consultant project team and attended by TPB/WMATA staff.

Spring on-board survey data collection was begun. As of the end of March, 221 trips have been completed and 1,098 surveys have been collected. TPB/WMATA staff reviewed the progress of the Spring on-board survey data collection on weekly basis in a conference call with the consultant team. TPB/WMATA staff also spot checked the performance of the consultant survey interviewers on specific bus trips.

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

A. CASP 27

1. Ground Access Element Update

Staff completed changes to the draft report.

2. Update Ground Access Forecasts

Staff prepared materials for the Aviation Technical Subcommittee meeting of March 27th. Staff met with FAA staff to discuss the new grant application.

3. 2013 Air Passenger Survey (Phase 1)

Staff presented the draft General Findings Report to the Aviation Technical Subcommittee at its March 27th meeting.

8. **SERVICES/SPECIAL PROJECTS**

No work activity during the reporting period.

**FY 2014 TRANSPORTATION PLANNING BOARD
COG/TPB BUDGET EXPENDITURE SUMMARY**

March 31, 2014

	BUDGET TOTAL	FUNDS EXPENDED	% FUNDS EXPENDED
1. PLAN SUPPORT			
A. Unified Planning Work Program (UPWP)	72,800.00	36,009.42	49%
B. Transportation Improvement Program (TIP)	247,800.00	129,272.54	52%
C. Constrained Long-Range Plan	606,100.00	292,068.38	48%
D. Financial Plan	94,900.00	69,452.33	73%
E. Public Participation	434,700.00	300,420.00	69%
F. Private Enterprise Participation	18,800.00	3,095.15	16%
G. Annual Report	82,500.00	44,131.33	53%
H. Transportation / Land Use Connection Program	430,300.00	101,137.46	24%
I. DTP Management	464,200.00	292,055.64	63%
SUBTOTAL	2,452,100.00	1,267,642.25	52%
2. COORDINATION PLANNING			
A. Congestion Management Process (CMP)	211,000.00	112,249.58	53%
B. Management, Operations & ITS Planning	350,500.00	212,921.10	61%
C. Emergency Preparedness Planning	77,600.00	25,258.72	33%
D. Transportation Safety Planning	128,800.00	71,066.56	55%
E. Bicycle and Pedestrian Program	125,000.00	97,960.21	78%
F. Regional Bus Planning	160,043.00	76,051.63	48%
G. Human Service Transportation Coordination Planning	141,200.00	85,851.57	61%
H. Freight Planning	154,500.00	56,207.39	36%
I. MATOC Program Planning & Support	123,600.00	71,076.21	58%
SUBTOTAL	1,472,243.00	808,642.97	55%
3. FORECASTING APPLICATIONS			
A. Air Quality Conformity	584,600.00	487,397.78	83%
B. Mobile Emissions Analysis	707,200.00	493,728.10	70%
C. Regional Studies	531,800.00	434,998.80	82%
D. Coord. Cooperative Forecasting & Trans Planning	831,000.00	521,974.81	63%
SUBTOTAL	2,654,600.00	1,938,099.50	73%
4. DEVELOPMENT OF NETWORKS AND MODELS			
A. Networks Development	792,800.00	461,635.85	58%
B. GIS Technical Support	668,300.00	328,539.43	49%
C. Models Development	1,103,400.00	616,335.81	56%
D. Software Support	184,300.00	136,473.55	74%
SUBTOTAL	2,748,800.00	1,542,984.64	56%
5. TRAVEL MONITORING			
A. Cordon Counts	258,400.00	142,584.92	55%
B. Congestion Monitoring and Analysis	453,200.00	173,799.77	38%
C. Travel Survey and Analysis			
Household Travel Survey	1,170,400.00	129,241.22	11%
D. Regional Transportation Clearinghouse	327,400.00	142,055.01	43%
SUBTOTAL	2,209,400.00	587,680.92	27%
SUBTOTAL CORE PROGRAM ITEMS 1-5	11,537,143.00	6,145,050.28	53%
6. TECHNICAL ASSISTANCE			
A. District of Columbia	360,433.00	150,259.10	42%
B. Maryland	946,024.00	278,261.45	29%
C. Virginia	802,690.00	265,810.86	33%
D. WMATA	222,895.00	80,742.35	36%
SUBTOTAL	2,332,042.00	775,073.78	33%
TPB GRAND TOTAL	13,869,185.00	6,920,124.04	50%

**FY 2014 TRANSPORTATION PLANNING BOARD
FINANCIAL STATUS OF TECHNICAL ASSISTANCE**

March 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. Program Development, Data Requests & Misc. Services	10,000	906.32	206	19	9,794	887.69
2. Traffic Counts & Highway Performance Mgmt System	235,000	148,745.17	4,830	3,057	230,170	145,687.68
3. Bicycle Counts	17,600	607.60	362	12	17,238	595.11
4. Weigh In Motion Station Counts	20,000	0.00	411	0	19,589	0.00
5. Peak Period Street Restrictions Study	20,000	0.00	411	0	19,589	0.00
6. Outdoor Sign Inventory Update	57,833	0.00	1,189	0	56,644	0.00
7. NOT IN USE	0	0.00	0	0	0	0.00
SUBTOTAL	360,433	150,259.10	7,409	3,089	353,024	147,170.49
B. Maryland						
1. Program Development/Management	30,000	14,406.61	617	296	29,383	14,110.48
2. Project Planning Studies	180,000	101,528.63	3,700	2,087	176,300	99,441.69
3. Feasibility/Specials Studies	308,000	73,212.95	6,331	1,505	301,669	71,708.04
4. Transportation Performance Measures	168,000	25,847.22	3,453	531	164,547	25,315.92
5. Training/Technical Support	30,000	0.00	617	0	29,383	0.00
6. Statewide Transportation Model Support	0	0.00	0	0	0	0.00
7. Transportation/Land Use Connections Program	160,000	63,266.04	3,289	1,300	156,711	61,965.59
8. Human Services Transportation Study	40,000	0.00	822	0	39,178	0.00
9. Other Tasks to be defined	30,024	0.00	617	0	29,407	0.00
SUBTOTAL	946,024	278,261.45	19,446	5,720	926,578	272,541.72
C. Virginia						
1. Data/Documentation processing	15,000	5,569.35	308	114	14,692	5,454.87
2. Travel Monitoring Survey	150,000	140,239.00	3,083	2,883	146,917	137,356.35
3. Travel Demand Modeling	50,000	16,798.92	1,028	345	48,972	16,453.61
4. Regional and Sub-Regional Studies	552,718	103,203.60	11,361	2,121	541,357	101,082.22
5. Other Tasks to be Defined	34,972	0.00	719	0	34,253	0.00
6. NOT IN USE	0	0.00	0	0	0	0.00
7. NOT IN USE	0	0.00	0	0	0	0.00
8. NOT IN USE	0	0.00	0	0	0	0.00
SUBTOTAL	802,690	265,810.86	16,499	5,464	786,191	260,347.06
D. WMATA						
1. Program Development	5,000	569.95	5,000	570	0	0.00
2. Miscellaneous Services	5,000	0.00	5,000	0	0	0.00
3. Bus Passenger Counts 2013	191,200	80,172.40	191,200	80,172	0	0.00
4.	0	0.00	0	0	0	0.00
5.	21,695	0.00	21,695	0	0	0.00
SUBTOTAL	222,895	80,742.35	222,895	80,742	0.00	0.00
GRAND TOTAL	2,332,044	775,073.76	266,249	95,014	2,065,793	680,059.27