

FY 2014

National Capital Region Transportation Planning Board (TPB)

Work Program Progress Report September 2013

PROGRAM HIGHLIGHTS

1. PLAN SUPPORT

A. Unified Planning Work Program (UPWP)

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

B. Transportation Improvement Program (TIP)

At their September 6 meeting, the TPB Steering Committee approved two amendments to the FY 2013-2018 TIP. The first amendment was requested by the Maryland Department of Transportation (MDOT) to update funding for an interchange reconstruction and transit category listings. The second amendment was requested by the Virginia Department of Transportation (VDOT) to add funding for the I-495 Express Lanes Shoulder Use project.

At the TPB meeting on September 18, the Board approved an amendment to the FY 2013-2018 TIP to include funding for the construction of an interchange replacement on MD 4 at Suitland Parkway and for the reconstruction of US 1 in College Park, as requested by MDOT.

TPB staff prepared a series of modifications and technical corrections to the District of Columbia portion of the TIP.

C. Constrained Long-Range Plan (CLRP)

During September, TPB staff worked on the development of a draft brochure for the 2013 CLRP. This brochure will include documentation of the TPB's planning activities, regionally significant road and transit projects included in the plan, and a performance analysis detailing population and employment growth, changes in travel patterns, congestion and job accessibility.

D. Financial Plan

At the STWG meeting on September 9, staff presented the approach for updating the financial analysis for the 2010 CLRP to support the 2014 CLRP. Key issues were discussed, including how to incorporate new revenue forecasts for Northern Virginia and Maryland as well as the need to fund the state-of good repair costs for WMATA and the highway systems.

E. Public Participation

Throughout September, staff prepared for a special Economy Forward forum at the National Press Club on September 27, which brought together more than 100 regional leaders to discuss the convergence of the Regional Transportation Priorities Plan (RTPP) and the Activity Centers Strategic Development Plan.

The non-profit AmericaSpeaks was hired to conduct this interactive session, which used small-group discussions and keypad voting to solicit input on land-use and transportation priorities. Activities leading up to the event included designing the event program, developing content for a handout brochure and PowerPoint presentation, and logistical preparations.

The public comment period for the draft RTPP ended on August 23. Prior to the September TPB meeting, staff compiled comments and developed preliminary responses.

The CAC's regular monthly meeting on September 12 included a discussion on the RTPP and a briefing and discussion on the State of the Commute Survey.

Staff continued work to finalize content for the clearinghouse website called the Transportation Planning Information Hub for the National Capital Region.

Staff conducted an interactive session on land-use and transportation ("What if the Washington Region Grew Differently?") at a regional leadership training program conducted by the Urban Land Institute. Staff made presentations to visitors from China and Brazil on regional transportation issues.

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

The September *TPB News* was produced and distributed.

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

The 2013 edition of *The Region* magazine was printed and distributed.

H. Transportation / Land Use Connection Program (TLC)

Staff received 32 proposals from consultants for the nine FY2014 TLC technical assistance projects. The proposal deadline was September 12. During the last two weeks of September, staff reviewed the proposals to determine staff recommendations. The proposals were also forwarded to the local jurisdictions that have new projects to get their input regarding consultant preferences. Projects will begin in October and November, and will be completed by the end of the fiscal year.

Staff also planned the next event for the TLC Regional Peer Exchange Network, which will be a workshop in Takoma Park on October 25 to share experiences from the two recent TLC projects focused on New Hampshire Avenue.

Staff continued planning for an evaluation of the 65 TLC projects that have been completed since the program began in 2007.

Staff began assisting in planning a Safe Routes to School Regional Conference, which will be held on October 29 at COG. The event will be cosponsored by the Greater Washington DC Region Safe Routes to School Network and the TPB.

I. DTP Management

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

- The DTP Director gave a presentation to the AAA Potomac Advisory Board on the Regional Transportation Priorities Plan (RTPP). The Board adopted a resolution unanimously providing support for the RTPP.
- The DTP Director participated in an online chat with Dr. Gridlock of the Washington Post.
- The DTP Director and other DTP staff played a lead role in the development and implementation of a September 27 regional conversation facilitated by America Speaks. The RTPP and the COG activity Center Development Plan were the key subjects for the discussion at this event.

2. COORDINATION PLANNING

A. Congestion Management Process (CMP)

Staff attended a Webinar on vehicle probe project suite of tools and is undergoing self-training in the use of their tools for developing performance measures used in our quarterly dashboard.

Staff obtained the necessary credentials to download raw data files from the I-95 Corridor Coalition website and completed downloading 2013 second quarter archived data for all of the available Maryland roads in the national capital region. Started downloading the data for the District of Columbia.

Staff reviewed the 2012 CMP document and outlining the work elements required to update the CMP element of the 2013 CLRP and the accompanying technical report.

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

Staff prepared for and conducted a meeting of the MOITS Technical Subcommittee on September 10, 2013. Activities focused on coordination with VDOT's ongoing Northern Virginia ITS Architecture Plan and Integrated Corridor Management (ICM) activities; traffic signals activities (see below); and regional congestion monitoring on arterial highways (see also 5.B.).

Staff prepared for and conducted a webinar of the Traffic Signals Subcommittee on September 11. For this webinar, staff finalized memorandum to the Transportation Planning Board for their September 18 meeting, summarizing regional traffic signals activities as well as the results of the April/May 2013 regional survey on traffic signal timing. Staff also coordinated with the Subcommittee on the ongoing update survey on traffic signal power back-up systems. Upon presentation of the memorandum at the September 18 meeting, the TPB requested a full briefing on the topic at a future meeting, and staff began preparations for that presentation.

Staff attended the September 16 meeting of the Monumental Core Climate Adaptation Working Group via webinar, as well as the group's webinar September 26 on Building a Climate Resilient National Capital Region.

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

C. Transportation Emergency Preparedness Planning

Staff provided support for the ongoing participation of RESF-1 representatives in the Urban Area Security Initiative (UASI) process and ongoing emergency transportation planning/RESF-1 efforts, including monitoring the status of four (4) project proposals submitted on behalf of RESF-1 in August for the latest round of UASI funding consideration.

Staff monitored the planning activities of the regional emergency preparedness training and exercise oversight panel, and developed a briefing on relevant plans for the RESF-1 co-chairs and committee.

Staff attended the September 11, 2013 Emergency Preparedness Council meeting.

No meeting of the RESF-1 Committee was held in September. Staff began preparations for the RESF-1/Emergency Transportation Committee October meeting by exploring potential agenda items with the co-chairs of the committee.

D. Transportation Safety Planning

Staff continued to compile and analyze regional safety data obtained from the Departments of Transportation. The Departments of Transportation compile information on traffic deaths, injuries and crashes from the police crash reports. The 2012 data will be used to update the Safety Element of the regional transportation plan, and to inform the TPB's other planning efforts.

Regional summary data derived from preliminary fatality information will be revised once the final numbers are made available.

For Virginia data staff used the TRENDS on-line crash database of the Virginia Highway Safety Office, where queries performed on each jurisdiction for 2012 yielded bicycle and pedestrian related crashes, fatalities, and injuries by month and year for each jurisdiction in the Northern Virginia District, which includes all the Virginia TPB member jurisdictions.

The Maryland Highway Safety Office (MHSO) released its 2012 crash data. We put in a special request for County-level, as opposed to injury crash data. DDOT has not released its 2012 data.

Staff provided pedestrian and bicycle safety data to inform planning for the Fall 2013 Street Smart Pedestrian and Bicycle Safety Campaign.

Staff attended the Maryland Highway Safety Office Bi-Annual Partners Meeting in Annapolis, MD on September 19th.

E. Bicycle and Pedestrian Planning

Staff worked with COG Department of Environmental Programs (DEP) staff to develop a table of Green Streets policies and practices in the Washington region (a “policy inventory”), a draft Regional Green Streets Policy, a draft Regional Green Streets Guidance and a Policy Template. DEP staff created the policy inventory, while Department of Transportation Planning (DTP) staff drafted the Green Streets Policy and Policy Guidance. Staff presented these documents to the State Transportation Work Group on September 3rd, to the TPB Technical Committee at their September 6th meeting, to the Anacostia Watershed Management Committee on September 12th, to the Bicycle and Pedestrian Subcommittee September 17th, and to the Climate, Energy, and Environment Policy Committee on September 25th. Since the TPB agenda for October was over-full, the comment deadline was extended to October 24th. Comments so far have been largely positive. Once the comment period is closed, a new draft policy will be presented to the TPB Technical Committee, with a view to adoption by the TPB.

Staff prepared materials for the September 17th bicycle and pedestrian subcommittee meeting. David Patton of the Arlington County Department of Environmental Services briefed the subcommittee on Arlington’s automated pedestrian and bicycle counting program. Ms. Williams of Sherry Matthews Inc., the project consultant, briefed the Subcommittee on the Fall 2013 Street Smart Pedestrian and Bicycle Safety Campaign. Christine Green of the Safe Routes to School Partnership discussed a regional Safe Routes to School workshop scheduled for October 29th.

Staff actively coordinated with relevant Transportation Planning Board member agency staff with regards to the Bicycle/Pedestrian Project Database update.

Staff briefed the Bus Subcommittee on the Fall 2013 Street Smart campaign, and obtained commitments for donated transit advertising.

Staff worked with the Safe Routes to School Partnership to plan a Safe Routes to School Workshop, which is to take place on October 29th.

F. Regional Bus Planning

The Regional Bus Subcommittee met on September 24. The meeting opened with a request for participation in the Fall 2013 Street Smart campaign. The committee then heard presentations on the TPB-led commuter bus staging area study and on WMATA’s on-street terminal study. Loudoun County Transit then discussed their mystery rider program, which recruits evaluators from its frequent riders. The committee was also updated on other bus and transit planning items for the region.

The TPB Bus On Shoulders Task Force met on September 18 to review and approve the Final Report: “An Assessment of the Feasibility of Bus On

Shoulders (BOS) at Select Locations in the National Capital Region.” The task force approved the report for submission to TPB with minor modifications.

Other bus planning activities included initial review of a Federal Register notice regarding proposed FHWA/FTA guidance on transit representation on MPO boards, as required under MAP-21. TPB staff also reviewed another MAP-21 notice: the FTA’s advanced notice of proposed rulemaking (ANPRM) for performance measures for transit safety and state of good repair. The ANPRM includes questions for metropolitan planning organization regarding performance measurement and reporting on public transportation providers. In addition, TPB staff participated in NVTC’s Alternatives Analysis for VA-7 (Leesburg Pike) and provided bus planning information in support of the COG Economy Forward event held on September 27.

G. Human Service Transportation Coordination

TPB hosted an inter-agency discussion in August on FTA’s proposed circular on the Section 5310 Enhanced Mobility for Seniors and Individuals with Disabilities with WMATA, MTA, VDRPT and DDOT. Bases on that discussion, TPB staff drafted comments and circulated for comment, and submitted the comments to the docket in September.

Also in September, staff developed the meeting schedule for the Human Service Transportation Coordination Task Force for the remainder of 2013 and early 2014. The draft circular for the Enhanced Mobility Section 5310 program was reviewed in detail, along with the TPB’s Coordinated Human Service Transportation Plan, to identify what revisions may be needed to the Plan to respond to FTA guidance.

H. Freight Planning

At the September 18, 2013 meeting, the TPB reviewed and accepted the 2013 Regional Freight Planning Subcommittee list of Highlighted Freight Transportation Projects, as presented by the Subcommittee Chair. The list included one long-term and one short-term project for each freight railroad and two projects each for the District of Columbia, Maryland, and Virginia. The Board discussion of the list was substantive and informative. Staff worked extensively with the Subcommittee members and Chair to finalize the list and presentation.

At the September 18 TPB meeting, representatives of DDOT and its consultants briefed the TPB on the ongoing study of the Long Bridge, the railroad bridge over the Potomac River between central Washington and Arlington, Virginia. The Long Bridge is a critical link in both the regional commuter rail system and the regional and national freight railroad systems, with current capacity limitations that affect both commuter rail and freight rail operations. The Board discussion of the study was substantive and informative. Staff coordinated with DDOT and the consultants on development of the

presentation, including a pre-TPB discussion at the TPB Technical Committee meeting of September 6.

On September 23, staff participated in a meeting on the Virginia Railway Express System Plan currently under development.

The September 2013 *Focus on Freight* e-newsletter was prepared and distributed.

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 2013 period, staff participated in the September 9 meeting of the MATOC Severe Weather Working Group; the September 13 meeting of the MATOC Steering Committee; and the September 26 meetings of the MATOC Information Systems Subcommittee and MATOC Operations Subcommittee. Staff undertook extensive preparatory and follow-up activities for these

meetings, in coordination with the MATOC staff from the University of Maryland Center for Advanced Transportation Technology.

Staff began preparations for the October 2013 meeting of the MATOC Steering Committee.

3. FORCASTING APPLICATIONS

A. Air Quality Conformity

2013 CLRP & FY2013-18 TIP

Staff presented the technical assumptions, methodologies, and outputs of the annual air quality conformity analysis to the Travel Forecasting Subcommittee, and prepared the customary documentation of toll settings and transit fares assumptions that were used in the networks' coding. Staff also packaged all the MOVES input and output data files in a DVD and mailed it to EPA Region 3 (with copy to FHWA) upon their request as a new requirement for reviewing and approving the 2013 CLRP & FY2013-18 TIP Air Quality Conformity Determination.

2014 CLRP & FY2015-20 TIP

A reference list of projects to be used as a basis by the implementing agencies when they submit new projects for the 2014 CLRP conformity determination cycle was developed and distributed to the participating agencies. In accordance with TPB consultation procedures, the meeting agenda and a summary memorandum regarding the monthly TPB meeting as it pertains to air quality conformity was forwarded to the consultation agencies and public advisory committees.

Other Activities:

In support of a regional effort to start developing Green House Gas (GHG) emissions inventories in a consistent manner across the region, DTP agreed to develop on-road mobile emissions inventories for CO₂, N₂O and CH₄ (the key pollutants of GHG) for year 2012; highway and transit networks were developed and the regional travel demand model was executed and subsequently reviewed for consistency with previous runs and reasonableness of results. Upon receiving select input data from the MD, DC, and VA air agencies, staff will execute MOVES runs and tabulate the pertinent data.

B. Mobile Emissions Analysis

Staff spearheaded coordination conference calls with the state transportation and air agencies about developing on road mobile emissions inventories for base year 2011 and forecast year 2017 as part of the 2008 Ozone standard. These emissions – combined with emissions from other sources – will be used as a litmus test of whether a 15% percent reduction of zone can be achieved between 2011 and 2017 for the 2008 Ozone standard. In addition, the goals of the Regional Transportation Priorities Plan (RTPP) and the schedule for public comments were presented to ACPAC, MWAQC and MWAQC TAC committees.

C. Regional Transportation Priorities Plan (RTPP)

Comments that were submitted during the August public comment period were incorporated into the draft report of the Regional Transportation Priorities Plan. Staff also helped coordinate the priorities plan information for the September 27th event: “Economy Forward: Help Shape The Future of Our Region”.

Support for COG’s Region Forward

DTP staff assisted at the Economy Forward event on September 27 at the National Press Club. Staff served as scribes at discussion tables, provided administrative support, acted as part of a “theme team” that synthesized participant comments in real-time, and provided other services at the event.

The event was designed to bring elected officials and other decision makers throughout the region together to engage in a discussion of the future of the Region Transportation Priorities Plan and Economy Forward efforts.

Prepare Grant Applications for USDOT Grant Funding Programs

No work activity during the reporting period.

D. Coordination Cooperative Forecasting & Transportation Planning

Staff presented the Cooperative Forecasting Subcommittee and the Planning Directors Technical Advisory Committee (PDTAC) with an analysis of the amount of forecast regional growth projected to occur in the newly defined 2013 Activity Centers as depicted by the Round 8.2 TAZ-level Cooperative Forecasts.

Staff reviewed the schedule for the development of the Round 8.3 Cooperative Forecasts with the members of the Cooperative Forecasting Subcommittee and the Planning Directors Technical Advisory Committee (PDTAC). Staff also reviewed the important elements to be included in the letter formally submitting each participating jurisdiction's Round 8.3 forecast.

Staff presented a newly available forecast of national economic growth for the 2010 to 2040 time period to the Planning Directors Technical Advisory Committee (PDTAC) and compared this new forecast to prior forecasts of 2010 to 2040 national growth prepared previously in 2009 and 2011.

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

Staff began the update of the base year (2013) transit network, which will be used as a basis for all forecast year transit networks in the upcoming air quality conformity cycle. This activity involves the refreshing of transit network inputs based on schedule changes and route alignments that occurred over the past year using digital transit (GTFS) data that is publically available. This update is anticipated to will proceed over the next two months.

Staff completed work on adapting the existing accessibility process to be compliant with the newly released Version 2.3.52 travel demand model.

Accessibility is one of several measures used to evaluate the CLRP. The updated accessibility process was documented in a September 17 memorandum.

B. GIS Technical Support

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

Staff upgraded single use ArcGIS software installations on DTP laptop computers to version 10.1 for users requiring the use of GIS software on their laptops.

Staff continued production of requested GIS maps for TPB's new Transportation Planning Information Hub website.

Staff responded to a request by Maryland-National Capital Park and Planning (M-NCPPC) Prince George's County transportation planning staff for a GIS shapefile containing the Round 8.2 Cooperative Forecasts data by TPB Transportation Analysis Zones (TAZ).

Staff responded to a request by transportation planning staff from M-NCPPC-Montgomery County for a lookup table of node numbers used in the 2,191 zone system and the TPB master network link (ANode-BNode) data file with street names attached.

Staff reviewed a document by COG's web contractor describing how GIS maps and applications are proposed to be integrated into the overall COG website architecture. Staff then provided a response to items in the document related to ownership/privileges/content management of spatial data products and how these items should be considered in the overall website content management system.

Staff met with ITFM staff and other COG staff to discuss the GIS hardware and software required to provide spatial data and web map capabilities as part of COG's integrated web infrastructure and prepared a document after this meeting further detailing the GIS hardware and software requirements.

Staff represented the GIS Committee at the September Chief Information Officers (CIO) meeting on September 19th.

Staff planned and participated in the GIS Committee meeting on September 24th. At this meeting the members discussed topics that will be of interest to committee in the coming year.

Staff attended the September Maryland State Geographic Information Committee (MSGIC) meeting to increase GIS coordination among COG and state and local government agencies in Maryland. Committee discussions

included possible restructuring of meeting agendas and topics to better align user groups and interests.

C. Models Development

The Travel Forecasting Subcommittee met on September 20. TPB apprised the subcommittee on recent significant developments relating to the Models Development program:

TPB staff has prepared a user's guide for the most recently adopted travel model, Version 2.3.52. The user's guide was completed on September 18.

The Travel Model section of the COG web site was updated. The web site now indicates that the currently adopted travel model is Version 2.3.52, which supersedes the Version 2.3.39 model.

TPB staff has prepared a transmittal package containing all model inputs, model application files, and supporting documentation corresponding to the most recent air quality conformity analysis and the application of Version 2.3.52 travel model.

The V2.3.52 model is available to local agencies upon written request. TPB staff has already serviced seven requests of the 52 model from local agencies (or consultants) engaged in project planning work in the District, Maryland and Virginia.

TPB staff had two working sessions with AECOM, the consultant currently providing assistance on travel model development work, to discuss TPB's modeling needs and to formulate work tasks for FY 2014. The discussions led to the formulation of two new work tasks which were authorized on September 30:

- Task 12: Traffic assignment improvements
- Task 13: Model Choice and transit modeling

Both of these tasks are continuations of work initiated during FY 2013 and will focus on improvements that can be readily combined with the current Version 2.3.52 model. Task 12 will address a refined treatment of high occupant vehicles and HOT lanes in the traffic assignment process. Task 13 will include a migration from TRNBUILD to PT transit network software and the use of a refined mode choice application program (ModeChoice) as an alternative to the existing AEMS mode choice program.

TPB staff gave a presentation to the TPB Technical Committee on September 6 describing work recently undertaken to compare past 2010 transit forecasts with actual 2010 transit ridership. The analysis was prompted from a special

request from WMATA technical staff interested in assessing how well previous transit patronage forecasts have performed.

Two TPB staff members met with WMATA planning staff on September 12 to informally share information on the TPB's existing travel forecasting methods and practice.

TPB staff serviced seven technical data requests during September.

D. Software Support

Staff coordinated work efforts with the COG Information, Technology and Facilities Management (ITFM) team in order to improve the performance of the travel demand servers. Additional work has been performed to consolidate and free up storage space on the servers.

5. TRAVEL MONITORING

A. Cordon Counts

Staff continued processing and tabulating the cordon count data collected during FY 2013 and began preparing the cordon count technical report.

B. Congestion Monitoring and Analysis

Staff drafted a requirements document for the upcoming spring 2014 freeway congestion monitoring program. The document will be circulated internally and used to prepare the request for proposals (RFP) for consultant support.

DTP staff met with Dr. Stan Young and other staff of the Center for Advanced Transportation Technology (CATT) at the University of Maryland who are performing the validation of vehicle probe project (VPP) data for analyzing the performance of arterial highway facilities on behalf of the I-95 Corridor Coalition.

Based on the insights gained at the meeting, staff drafted a work plan to further refine the arterial highway congestion monitoring analysis work element undertaken last fiscal year using VPP data and begun refining the data used during the analysis.

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) and responded to data requests for previously collected HTS data.

D. Regional Transportation Data Clearinghouse (RTDC)

Staff responded to a request from City of Rockville planning staff for login credentials to use the RTDC.

A short tutorial was given to DTP staff members on how the RTDC can be used to find time-of-day traffic counts in the TPB modeling area.

Staff reviewed all of the data available online through RITIS to see if there were traffic volume, speed, or other useful data available through RITIS that could add to or supplement such data already included in the RTDC.

Staff compared traffic counts from multiple sources taken on the 14th Street Bridge in response to data request related to an on-going TPB planning study.

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

Staff presented the draft 2012 DC Traffic Volume Map to the HPMS Coordinating Committee for review.

Staff processed and reviewed with the HPMS Coordinating Committee Traffic.com continuous traffic counts collected on DDOT Interstate and freeway sections in August 2013.

Staff reviewed 9 three-day volume counts and 2 seven-day classification counts submitted by the traffic counting contractor for this project. After this review, all these counts were accepted.

Staff continued to assist DDOT staff with the annual update of the technical documentation of DDOT's Traffic Monitoring and HPMS Program.

Staff prepared a new HPMS Vehicle Summaries table for resubmission to the Federal Highways Administration (FHWA) and a detailed explanation of the methodology used to prepare this new Vehicle Summaries table.

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
Staff responded to a data request from the City of Rockville seeking technical assistance on obtaining existing traffic volume data as well as future year travel demand-related parameters. Staff had several email exchanges in a concerted effort to determine what exactly data was requested and subsequently to ascertain where the appropriate data could be obtained.
2. Project Planning Studies
In consultation with MD SHA and MDOT a tentative work program for FY2014 was developed.
3. Feasibility/Special Studies
In response to a request for technical assistance by MD SHA, networks for an expanded Veirs Mill Roa/Georgia Avenue scenario were developed and four different BRT alignments were modeled. The ridership forecasts were tabulated and delivered to MD SHA.
4. Transportation Performance Measures
No work activity during the reporting period.
5. Training/Miscellaneous Technical Support
No work activity during the reporting period.
6. 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.

7. Human Services Transportation Study/ Follow-on and Support

No work activity during the reporting period.

8. Other Tasks Yet to Be Defined

No work activity during the reporting period.

C. VIRGINIA

1. Data/Documentation Processing

Staff updated work scopes for FY 2014 projects.

2. Travel Monitoring and Survey

Staff responded to VDOT questions regarding the FY 2013 travel monitoring data. Staff also began field data collection of vehicle volume and occupancy data at HOV stations specified by VDOT.

3. Travel Demand Modeling

Staff assisted VDOT with updating the emissions estimation template for use by VDOT and NoVA localities for CMAQ projects.

4. Regional and Sub-Regional Studies

Staff finalized the I-66 Bus On Shoulders (BOS) pilot planning report and transmitted it to VDOT and attended the final meeting of the project working group. Staff prepared a revised scope of work for the regional bus staging and layover location study based on comments received and presented it to project stakeholders and the Regional Bus Subcommittee. Staff continued work with VDOT's consultants on the VA 7 HOT lanes project to assist them with forecasting procedures.

5. Other Tasks Yet to be Defined

No work activity during the reporting period.

D. WMATA

1. Program Development

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

Staff revised the draft Memorandum of Understanding (MOU) between COG and WMATA on the conduct and funding of 2014 Metrobus Passenger Survey in response to comments received from WMATA staff.

Staff prepared a draft scope of work for the RFP to solicit a qualified contractor to conduct the survey interviewing and processing of data collected in the 2014 Metrobus Passenger Survey. Staff reviewed this draft scope of work with WMATA staff and made revisions to it based on this review.

Staff revised the proposed survey questionnaire for the 2014 Metrobus Passenger Survey in response to comments received from WMATA staff.

7. CONTINUOUS AIRPORT SYSTEM PLANNING (CASP) PROGRAM

A. CASP 27

1. Ground Access Element Update (Phase2)

Staff completed a draft of the full report and presented it to the Aviation Technical Subcommittee at their meeting on September 26th.

2. 2013 Air Passenger Survey (Phase 1)

Staff began the badging process at the airports and held a kick-off teleconference with the survey contractor. Staff also prepared an initial survey flight sample for review by the Aviation Technical Subcommittee at their September 26th meeting, and the prepared a revised sample based on subcommittee feedback. Staff finalized the survey questionnaire for printing and conducted testing of the on-line survey version.

8. SERVICES/SPECIAL PROJECTS

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

September 30, 2013

	BUDGET TOTAL	FUNDS EXPENDED	% FUNDS EXPENDED
1. PLAN SUPPORT			
A. Unified Planning Work Program (UPWP)	70,700.00	11,460.88	16%
B. Transportation Improvement Program (TIP)	240,600.00	37,275.92	15%
C. Constrained Long-Range Plan	588,400.00	108,386.77	18%
D. Financial Plan	64,000.00	5,225.89	8%
E. Public Participation	421,900.00	162,384.82	38%
F. Private Enterprise Participation	18,300.00	136.54	1%
G. Annual Report	80,100.00	21,712.83	27%
H. Transportation / Land Use Connection Program	395,000.00	26,400.01	7%
I. DTP Management	450,700.00	75,563.25	17%
SUBTOTAL	2,329,700.00	448,546.91	19%
2. COORDINATION PLANNING			
A. Congestion Management Process (CMP)	205,000.00	9,083.03	4%
B. Management, Operations & ITS Planning	340,300.00	67,342.79	20%
C. Emergency Preparedness Planning	75,400.00	13,064.11	17%
D. Transportation Safety Planning	125,000.00	20,583.67	16%
E. Bicycle and Pedestrian Program	108,700.00	29,754.54	27%
F. Regional Bus Planning	100,000.00	19,906.67	20%
G. Human Service Transportation Coordination Planning	114,800.00	21,235.25	18%
H. Freight Planning	150,000.00	36,058.10	24%
I. MATOC Program Planning & Support	120,000.00	21,616.26	18%
SUBTOTAL	1,339,200.00	238,644.43	18%
3. FORECASTING APPLICATIONS			
A. Air Quality Conformity	563,200.00	154,089.36	27%
B. Mobile Emissions Analysis	640,100.00	133,348.17	21%
C. Regional Studies	516,300.00	105,367.22	20%
D. Coord. Cooperative Forecasting & Trans Planning	806,800.00	158,142.61	20%
SUBTOTAL	2,526,400.00	550,947.36	22%
4. DEVELOPMENT OF NETWORKS AND MODELS			
A. Networks Development	769,700.00	178,074.23	23%
B. GIS Technical Support	648,800.00	80,693.02	12%
C. Models Development	1,071,200.00	171,862.06	16%
D. Software Support	178,900.00	42,745.71	24%
SUBTOTAL	2,668,600.00	473,375.01	18%
5. TRAVEL MONITORING			
A. Cordon Counts	250,800.00	33,397.33	13%
B. Congestion Monitoring and Analysis	440,000.00	57,650.44	13%
C. Travel Survey and Analysis			
Household Travel Survey	1,136,300.00	44,152.67	4%
D. Regional Transportation Clearinghouse	317,900.00	53,336.96	17%
SUBTOTAL	2,145,000.00	188,537.40	9%
SUBTOTAL CORE PROGRAM ITEMS 1-5	11,008,900.00	1,900,051.11	17%
6. TECHNICAL ASSISTANCE			
A. District of Columbia	302,604.00	26,920.46	9%
B. Maryland	898,024.00	70,108.05	8%
C. Virginia	767,718.00	135,134.33	18%
D. WMATA	201,200.00	30,010.09	15%
SUBTOTAL	2,169,546.00	262,172.94	12%
TPB GRAND TOTAL	13,178,446.00	2,162,224.03	16%

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

September 30, 2013
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	0.00	925	0	9,075	0.00
2. Traffic Counts & Highway Performance Mgmt System	235,000	26,312.86	21,726	2,433	213,274	23,880.21
3. Bicycle Counts	17,604	607.60	1,628	56	15,976	551.43
4. Weigh In Motion Station Counts	20,000	0.00	1,849	0	18,151	0.00
5. Peak Period Street Restrictions Study	20,000	0.00	1,849	0	18,151	0.00
6. Outdoor Sign Inventory Update	0	0.00	0	0	0	0.00
7. NOT IN USE	0	0.00	0	0	0	0.00
SUBTOTAL	302,604	26,920.46	27,976	2,489	274,628	24,431.64
B. Maryland						
1. Program Development/Management	30,000	2,458.14	2,774	227	27,226	2,230.88
2. Project Planning Studies	180,000	35,836.94	16,641	3,313	163,359	32,523.79
3. Feasibility/Specials Studies	270,000	17,417.73	24,962	1,610	245,038	15,807.45
4. Transportation Performance Measures	168,000	3,284.63	15,532	304	152,468	2,980.96
5. Training/Technical Support	30,000	0.00	2,774	0	27,226	0.00
6. Statewide Transportation Model Support	0	0.00	0	0	0	0.00
7. Transportation/Land Use Connections Program	160,000	11,110.61	14,792	1,027	145,208	10,083.43
8. Human Services Transportation Study	40,000	0.00	3,698	0	36,302	0.00
9. Other Tasks to be defined	20,024	0.00	1,851	0	18,173	0.00
SUBTOTAL	898,024	70,108.05	83,023	6,482	815,001	63,626.51
C. Virginia						
1. Data/Documentation processing	15,000	981.57	1,387	91	13,613	890.82
2. Travel Monitoring Survey	150,000	85,794.10	13,868	7,932	136,132	77,862.38
3. Travel Demand Modeling	50,000	3,254.89	4,623	301	45,377	2,953.97
4. Regional and Sub-Regional Studies	552,718	45,103.76	51,099	4,170	501,619	40,933.88
5. Other Tasks to be Defined	0	0.00	0	0	0	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	767,718	135,134.33	70,976	12,493	696,742	122,641.06
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. Multi-Modal Coordination for Bus Priority Hot Spot	191,200	29,440.14	191,200	29,440	0	0.00
4. Regional BRAC/Fed Consolidation Impact Analysis	0	0.00	0	0	0	0.00
5. Metrorail Station Access Alternatives Study	0	0.00	0	0	0	0.00
SUBTOTAL	201,200	30,010.09	201,200	30,010	0.00	0.00
GRAND TOTAL	2,169,548	262,172.92	383,175	51,474	1,786,371	210,699.21