

FY 2014

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

**Work Program Progress Report
MAY 2014**

PROGRAM HIGHLIGHTS

1. PLAN SUPPORT

A. Unified Planning Work Program (UPWP)

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

B. Transportation Improvement Program (TIP)

At its meeting on May 21, the TPB approved an amendment to the FY 2013-2018 TIP that updated project and funding information for the Northern Virginia section, as requested by VDOT. The TPB was also provided notice that DDOT had also requested an amendment to update project and funding information in the District's portion of the TIP. Staff prepared and approved three modifications to the FY 2013-2018 TIP; one for MDOT and one each for the TPB's JARC and New Freedom programs.

C. Constrained Long-Range Plan (CLRP)

Staff began developing content for the documentation of the 2014 Update to the CLRP, including the policy framework, a description of programs and projects with maps, and the performance analysis.

D. Financial Plan

During May, WMATA, DDOT, MDOT and VDOT staffs continued to review and finalize their agency's revenues and expenditure forecasts. At the May 6 meeting, VDOT staff reviewed draft revenue and expenditure summary tables and key assumptions for Northern Virginia. DDOT staff provided an overview of the revenue forecasts for the District. WMATA staff provided summaries of the detailed revenue and expenditure forecasts for the system. MDOT staff reviewed the key assumptions for Suburban Maryland. It was agreed that TPB staff would assemble the financial information from the implementing agencies during May and prepare an initial overview of the draft for the June 27 Technical Committee meeting.

E. Public Participation

Staff worked on an update to the TPB's Participation Plan. The new draft leaves the structure and strategic direction of the 2007 Participation Plan largely in place. Additions in the new draft include information on recent TPB participation activities and enhancements that were suggested by federal agencies. A version of the document, labeled a "discussion draft," was scheduled to be presented to the Technical Committee on June 6 and to the

Citizens Advisory Committee on June 12. A revised version is scheduled to be released for a 45-day public comment period on July 10. The TPB will be asked to adopt the updated plan at its September 17 meeting.

The CAC meeting on May 15 was conducted as a focus group to explore the committee's opinions about the implementation of the Regional Transportation Priorities Plan (RTPP).

Under the Public Participation PE number, staff performed some work related to the Regional Transportation Priorities Plan (RTPP). However, most of the work related to the RTPP was charged to "Regional Studies" (6400.14.0021), which is described below.

F. Private Enterprise Participation

Planning for the Annual Transit Forum was deferred to FY 2015 due to schedule conflicts and to coincide in future with developments in MAP-21 regulations.

G. TPB Annual Report and TPB News

The design for the Region magazine was finalized and final edits were made.

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

H. Transportation / Land Use Connection Program (TLC)

The FY2014 TLC projects were nearing completion 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.

The deadline for the FY2015 TLC projects was on May 21. Staff reviewed and processed the applications and made preparations for the TLC selection panel to meet on June 19.

The TPB will be asked to approve a slate of recommended projects for Virginia's Transportation Alternatives Program (TAP) program at its meeting on May 21. For Maryland, MDOT reissued the TAP solicitation for FY2014 to expend remaining funds. For the District of Columbia, the TPB and DDOT jointly issued a solicitation for project applications on May 31. The deadline is August 1, 2014.

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 completed development of and technical analysis for the draft 2014 CMP Technical Report:

- Presented the draft Report to the MOITS May 13 meeting and requested comments.
- Presented the table of Ongoing State, Local, and Jurisdictional Transportation Demand Management (TDM) Strategies to the Commuter Connections Subcommittee on its May 20 meeting and requested comments.
- Improved the draft Report based on comments received and the revised Report dated May 30 was ready for TPB Technical Committee review on its June 6 meeting.

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

- Presented the third draft to the MOITS Subcommittee on its May 13 meeting.
- A draft landing webpage (www.mwcog.org/congestion) was developed for posting this quarterly Report online.
- On May 20, staff monitored a webinar, Big Data Analytics for Congestion Monitoring Programs, offered by Iteris, Inc.

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

Staff prepared for and conducted a meeting of the MOITS Technical Subcommittee held May 13, 2014. The main focus of the Subcommittee was to review the new draft 2014 Congestion Management Process (CMP) Technical Report (see also Item 2.A.). The Subcommittee also reviewed MOITS-related aspects of the newly released federal Notice of Proposed Rulemaking for metropolitan transportation planning.

Staff prepared for and conducted a meeting of the Regional Traffic Signals Subcommittee on May 6. A focus of the meeting was discussion of the District of Columbia's major ongoing two-year traffic signal optimization and systems upgrade project.

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 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 May 28, staff participated in a conference call of the I-95 Corridor Coalition Executive Board, receiving briefings on MOITS-related activities by the Coalition or its member agencies.

C. Transportation Emergency Preparedness Planning

Staff led preparations for and conducted the Regional Emergency Support Function (RESF-1) May 15, 2014 meeting, exploring potential agenda items with the co-chairs of the committee, preparing the agenda and facilitating the meeting. Major topics included a briefing by the Amtrak Chief of Police on their rail safety campaign; and an upcoming switch-over from of technologies used for the COG Regional Incident Communications and Coordination System (RICCS).

On May 14, staff attended the COG Emergency Preparedness Council Meeting, which addressed a number of topics related to emergency transportation planning.

Staff led preparations, with a number of representatives of non-transportation emergency support function areas, in advance of a transportation evacuation tabletop training exercise to be held in summer 2014.

D. Transportation Safety Planning

Staff continued a detailed review of the federal Notice of Proposed Rulemaking on transportation safety, released in the Federal Register on March 11, and briefed the TPB Technical Committee on this topic on May 2nd.

Staff attended AMPO webinar on safety performance measures guidance to implementing MAP-21 requirements on May 20th.

Staff attended meeting of Maryland's Strategic Highway Safety Pedestrian Safety Emphasis Area on May 29th.

Staff began preparations for a June meeting of the Transportation Safety Subcommittee.

E. Bicycle and Pedestrian Planning

Staff prepared for and held the regularly scheduled meeting May 20th meeting of the Bicycle and Pedestrian Subcommittee.

At the May 20th meeting, staff briefed the Bicycle and Pedestrian Subcommittee on the information developed for the bicycle and pedestrian plan, and answered questions regarding the project database.

DDOT staff briefed the Subcommittee on the bicycle and pedestrian elements of MoveDC, the District of Columbia's new transportation plan. The Subcommittee also discussed the proposal for a "bicycle beltline" work group, and agreed on a work plan for the group.

The Subcommittee was briefed on, and discussed the documentation of agency Complete Streets policies in the upcoming Transportation Improvement Program. Staff also briefed the Subcommittee on the upcoming MAP-21 Safety Performance Measures.

Staff continued to review transportation plans adopted in the Washington region since 2010, and analyzed information on developments in walking and bicycling regionally and nationally from various sources. Staff developed drafts of the first two chapters of the plan.

Staff worked with individual bicycle and pedestrian Subcommittee members on the bicycle and pedestrian project database update, answering questions regarding data to be entered, and in some cases entering the data from documents that they provided.

Staff presented on the regional Complete Streets policy at a Prince George's County Green Streets workshop in Greenbelt on May 14th.

F. Regional Bus Planning

The Regional Bus Subcommittee did not meet in May. Staff collected comments on the draft of the 2014 revision of the Moving Forward Bus Brochure.

TPB staff also reviewed MAP-21 performance measurement rulemaking and participated in a meeting of the Metrobus Service Guidelines study.

G. Human Service Transportation Coordination

During the month of May, staff prepared and organized a meeting of the Human Service Coordination Task Force ("Task Force") on May 15. At the May 15 meeting, the Task Force concurred with the key elements of the update to the TPB's Coordinated Human Service Transportation Plan, which include the competitive selection process for the FTA Enhanced Mobility of Seniors and

Individuals with Disabilities program. Based on Task Force feedback from April and the previous JARC and New Freedom grant selection criteria, staff developed selection criteria for Enhanced Mobility grants for presentation and approval by the Task Force on May 15. Staff revised the other key elements of the Coordinated Plan based on comments received in preparation for the Task Force meeting: themes of unmet transportation needs, strategies for addressing those needs, an inventory of existing specialized transportation services, an priority projects for implementation.

A presentation was arranged for the May15 Task Force on Maryland Department of Transportation's (MDOT's) limited pilot program to support non-profit human service agencies provide transportation directly to their clients as an alternative to MetroAccess. Staff drafted a memorandum to the TPB Technical Committee on the key elements of the update to the Coordinated Plan and solicitation details in preparation for the June Technical Committee meeting.

H. Freight Planning

On May 8, 2014, staff conducted a regular meeting of the Freight Subcommittee:

- At the May 8 meeting, staff briefed the Freight Subcommittee on the Regional Transportation Priorities Plan.
- TPB staff also briefed the Subcommittee on the 2014 Freight Project List, the proposed COG Forum on Airports and the Regional Economy, USDOT "HERE" data, and transportation reauthorization proposals.

On May 13, staff participated in the Maryland DOT Freight Data Availability Working Group meeting.

On May 14 and 29, staff held strategy sessions to discuss and finalize the agenda for the June Freight Subcommittee meeting.

On May 15, staff attended a Federal Highway Administration National Performance Management Research Data Set (NPMRDS) webinar to better understand the content of the recently available truck-based vehicle probe data and how to use them for performance measurement.

On May 20, staff attended an AMPO webinar to review and proposed AMPO comments to the Federal Notice of Proposed Rulemaking on transportation safety planning, including freight movement-related aspects.

On May 21, staff attended the NHI Talking Freight Webinar on Freight Movements in Complete Streets Settings.

Staff continued 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 May 2014 period, staff prepared for, hosted, and participated in MATOC committee meetings, including the MATOC Steering Committee meeting held as a conference call on May 9, and the semi-annual MATOC combined Information Systems Subcommittee, Transit Task Force, and Operations Subcommittee triple joint meeting on May 22. Staff also followed up on action items identified at previous meetings, and began preparations for June 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 early steps of networks development started consisting of: (1) highway and transit networks through refining project scopes through coordination with the programming agencies; (2) updating highway tolls and transit fares. Staff contributed input to an article in the TPB Weekly report pertaining to air quality conformity; staff also 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

Staff completed 2005 and 2012 travel demand and mobile emissions model runs for years 2005 and 2012 for the development of CO2 mobile emissions; the 2005 emissions were intended to re-benchmark aging 2005 CO2 estimate using the latest planning assumptions; the 2012 emissions were intended to fulfill a technical assistance request by the Climate, Energy and Environment Policy Committee (CEEPC) of MWCOG.

Staff participated in coordination meetings with MWAQC constituency members pertaining to preliminary schedules and course of action for the development of:

updated direct PM2.5 and precursor NOx 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.

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

Staff coordinated deliverables pertaining to non-travel MOVES inputs and the 2014 VIN databases to be obtained from the MD-DC-VA air agencies.

Staff finalized new methodologies for utilizing MOVES2010 outputs for the development of emissions reductions from the Telework TERM of the Commuter Connections Program and presented the methodologies to Commuter Connections and its consultant.

Staff presented to the Travel Forecasting Subcommittee (TFS) the basics of MOVES2010 with emphasis on its relationships with the TPB travel demand forecasting model.

Staff represented TPB and made a presentation at an AASHTO-FHWA sponsored peer exchange forum where current air quality topics were discussed.

C. Regional Studies

Staff continued to develop a scope for conducting a series of listening sessions in June and July to discuss implementation activities related to the RTPP. Participants at these sessions will include the staff of the TPB's member jurisdictions and key stakeholder groups. The sessions will seek to integrate discussion of the RTPP with COG's Place + Opportunity report. By the end of May, staff had begun to schedule these meetings.

D. Coordination Cooperative Forecasting & Transportation Planning

Staff responded to questions on the draft TAZ-level Round 8.3 Cooperative Forecasting land activity database that was transmitted to the Systems Planning Applications team for use in this year's Air Quality Conformity Analysis of the TIP and CLRP.

Staff completed the tabulation and analysis of data on new commercial construction in the metropolitan Washington region, a prepared a draft report and presented this draft report to the Cooperative Forecasting and Data Subcommittee and to the Planning Directors Technical Advisory Committee.

Staff discussed a proposed work plan to develop the regional econometric model projections for a new major Round of Cooperative Forecasts ("Round 9")

with Cooperative Forecasting Subcommittee and the Planning Directors Technical Advisory Committee. This regional econometric model would be developed using IHS Global Insight historic and forecast economic data.

Staff prepared a 2191-TAZ version of the Round 8.2 Cooperative Forecasts in response to a data request from a MDSA consultant working on the Maryland Statewide model.

4. DEVELOPMENT OF NETWORK / MODELS

A. Network Development

The network development team continued work with other department members on preparing 2014 CLRP and 2015-20 TIP transportation network inputs to the regional travel demand model. This activity is an essential part of the upcoming air quality conformity analysis. Staff specifically conducted quality control checks of transit lines and implemented refinements to highway link attributes.

Staff has continued the development of transit networks to support the migration from TRNBUILD-based transit networks to PT-based transit networks. The migration is currently being facilitated by AECOM. Staff has been directed to implement several new coding rules and conventions which are required by the new PT program. Staff is working to implement new conventions into the regional network database process.

Network development staff has also continued to support a consultant-assisted effort to upgrade the existing network editor (COGTOOLS) from ArcGIS Version 9.3 to Version 10.0. Staff anticipates testing the upgraded software during mid-June.

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 provided GIS bus stop location data for a forthcoming report on the region's bus system.

Staff began review and testing of the COGTools DLL application submitted by the consultant on contract #14-046 "Conversion of COG/TPB Custom GIS-Based Editing Tools Used to Manage and Develop Transportation Networks."

Staff participated in a COG Web Team meeting to assist the web contractors in the re-design of the COG website that will include GIS data and maps.

Staff responded to a data request for COG Activity Center GIS data.

Staff attended the May 15th meeting of Chief Information Officers (CIO) Committee.

Staff planned and participated in the May 20th GIS Committee Meeting. The members of the committee were briefed on Mid-Atlantic Centerline Steering Committee Activities, the status of USGS acquisition of LiDar data and the likely GIS needs for the 2015 World Police and Fire Games hosted by Fairfax County.

Staff planned and participated in the May 28th National Capital Region Geospatial Data Exchange (NCR GDX) Governance meeting. Training for the technology refresh of the NCR GDX was discussed at this meeting.

C. Models Development

The Travel Forecasting Subcommittee (TFS) met on May 23. The meeting agenda included a status report on the developmental activities that AECOM has been assisting staff with in the area of travel forecasting during FY 2014.

The Models Development unit transmitted the latest version of the travel demand model to other staff in the department who will be applying the model for the upcoming air quality conformity analysis. The latest model version is now known as the Version 2.3.56 Travel Model and is now under evaluation. A memorandum describing the updates included was prepared. One of the key updates is the inclusion of a procedure to calculate zonal transit walk access sheds within the model stream. This type of function was previously developed in an "off-line" fashion.

Staff updated external and through travel forecasts which will be used in upcoming air quality conformity work. This work will be documented in early June and will supersede similar forecasts that were prepared in April.

The consultant currently assisting TPB staff with modeling refinements, AECOM, transmitted draft memoranda documenting final work products for the task-orders undertaken during FY-2014. These included traffic assignment improvements (TO #12) and mode choice and transit model improvements (TO #13). The memos are currently under review by staff and will ultimately be combined in a single year-end report by June 30. The final report will ultimately be forwarded to the TFS in July.

The consultant contract established to assist TPB staff with the formulation of travel modeling improvements is now approaching the end of its three-year contract period. Consequently staff has worked during renew this project. During May, staff solicited proposals and selected a consultant through a

competitive bidding process. A technical selection committee, including COG staff and representatives from DC, Maryland, Virginia, and WMATA, was convened on May 23 to review and score the proposals. Staff now looks forward to working with the selected consultant, Cambridge Systematics, at the beginning of FY-2015.

TPB staff responded to ten data requests during May, including the following:

A staff member from the Montgomery County Department of Transportation requested GIS shapefiles for a series of transit networks (2010, 2015, 2017, 2020, 2025, 2030, and 2040) from the Version 2.3.52 Travel Model.

A staff member from the Arlington County Department of Environmental Services requested the latest version of the production-use travel model and a series of other related files, such as transit networks for 2010, 2015, 2017, 2020, 2025, 2030, and 2040, to help the county develop a sub-area travel model; and a representative from VDOT requested draft Round 8.3 zonal land activity files and other miscellaneous travel inputs to the travel model.

D. Software Support

Internal coordination between the models development and applications teams continued in order to finalize the transition of the Version 2.3.56 model to the applications team for this year's conformity assessment. Technical issues pertaining to a small number of model refinements were discussed and a prioritization list was developed in order for the conformity-related work to proceed on schedule. Coordination continued with the software vendor on technical aspects and pricing options pertaining to the software package needed for decoding 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 field data collection (travel time runs and vehicle counts) for the spring regional HOV monitoring to be performed under this work item.

B. Congestion Monitoring and Analysis

Staff continued discussions with representatives of SKYCOMP the consultant selected to conduct the freeway congestion monitoring program on ideas for potential pilot project tasks to enhance the freeway congestion monitoring program.

Staff discussed the progress of the data collection efforts. About 70 percent of the data collection flights have been completed and data review and quality control checks are underway.

Staff updated the arterial highway congestion monitoring section of the Congestion Management Process Technical Report.

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 prepared a series of tabulations analyzing CTPP means of transportation to work data for persons residing inside and outside of COG Activity Centers by jurisdiction.

D. Regional Transportation Data Clearinghouse (RTDC)

Staff presented the updated RTDC web application to the Travel Forecasting Subcommittee (TFS) at their May meeting. The presentation included a demonstration of select RTDC capabilities as well as a PowerPoint slide presentation.

Staff updated the RTDC documentation to reflect updates and changes since the last version of the RTDC application. The documentation is now a menu item in the RTDC that can be selected to display and download the documentation.

Staff added External Stations points and annualized traffic volumes at external stations for 2010 through 2012.

Staff added 2012 Hourly Traffic counts to the Clearinghouse database and updated the geodatabase with updated network links where hourly counts are available.

Staff added 2012 hourly vehicle classification counts to the Clearinghouse and summarized these data by time-of-day for easy visualization.

Staff added 2011 Regional Air Passenger Survey trip data to the RTDC.

Staff completed assembling publically available map service layers of jurisdictional bicycle-related data for inclusion in the RTDC as a custom drop-down menu.

Staff began collecting additional Regional transit data for future analysis.

Staff provided two ramp counts and one volume count upon request to DDOT for an obligation package for the Anacostia Freeway over Nicholson St SE.

6. TECHNICAL ASSISTANCE

A. **DISTRICT OF COLUMBIA**

1. Program Development, Data Requests & Miscellaneous Services

Staff responded to a billing inquiry from DDOT and prepared a revised scope for bike counts.

2. Traffic Counts and HPMS Support

Staff prepared the draft agenda for the May HPMS Coordinating Committee meeting, participated in this meeting and drafted the meeting summary for this meeting. At this meeting staff reported that the Second Option Year of the traffic counting contract was executed and counts are proceeding as scheduled.

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

Staff reviewed and approved 2 three-day volume counts submitted by the traffic counting contractor.

Staff prepared and presented an analysis comparing DDOT and MDSHA traffic volumes along the DC/MD border for consistency.

Staff worked with DDOT to verify the correct mileage for the CY2014 HPMS Submittal and prepared the preliminary HPMS MetaData Summary, Vehicle Summaries tables, and Traffic data for DDOT review.

3. Bicycle Counts

Staff identified locations for spring data collection.

4. Weigh In Motion (WIM) Station Analysis

No work activity during the reporting period.

5. Peak Period Street Restrictions Inventory

Staff continued discussions with DDOT on the mobile GIS and field data collection work flow for updating the loading zone sign inventory funded under this item. Staff began field data collection.

B. MARYLAND

1. Program Development /Management

With the end of the fiscal year in sight the overall program was systematically reviewed to assess the progress made and the residual budgets that would enable the completion of the work tasks by the end of this fiscal year.

2. Project Planning Studies

In response to a request to MD SHA, staff provided the agency technical assistance with respect to executing a “select link analysis” process using the current version of the travel demand model.

3. Feasibility/Special Studies

The consultant retained to conduct the Commuter Bus Staging Area Study completed Tasks 2 and 3 and prepared a draft technical memorandum on Existing Conditions and Future Demand. 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.

4. Transportation Performance Measures

In response to a request from MD SHA, staff completed a review of the recently released version of the Maryland Statewide Model (Version 1). A technical memorandum report was prepared listing the review findings and it was transmitted to MD SHA.

5. Training/Miscellaneous Technical Support

No work activity during the reporting period.

6. Statewide Transportation Model Support

Since the work associated with the Maryland Statewide Travel Demand Model (Version 1) had started during an earlier round of regional cooperative forecasts, staff converted and transmitted to MD SHA the Round 8.2 forecasts from the current 3,722 TAZ system to the (previous) 2,191 TAZ system, which is a required input of the Statewide Model.

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 reviewed project work scopes.

2. Travel Monitoring and Survey

Staff completed the final technical memorandum from the fall HOV data collection and began preparations for the spring wave of bike and pedestrian monitoring data collection.

3. Travel Demand Modeling

No work activity during the reporting period.

4. Regional and Sub-Regional Studies

Staff held weekly status calls with the Regional Bus Staging Study consultant (Cambridge Systematics) and reviewed materials from the consultant. The consultant completed a draft of the existing conditions / future demand technical memorandum and distributed it for review by the Steering Committee on May 29th.

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

Staff continued testing the model and evaluating possible options to assess the impact of non-WMATA bus and rail services on the WMATA bus and rail networks.

2014 Metrobus Passenger On-Board Survey

The consultant briefed the TPB/WMATA project team on the survey progress in a weekly conference call and provided an updated spreadsheet that tracked survey returns and boarding counts on every Metrobus trip surveyed.

Spring on-board survey data collection continued. As of the end of May, 1,956 bus trips had been surveyed and survey questionnaire data collected from 12,630 bus passenger surveys.

Staff began to closely monitor the completion of survey data collection by Metrobus line and time period and highlighted bus lines and time periods where the survey data collection was falling short of the targeted response rates for these lines and time periods. In response, the consultant has begun to resurvey bus trips where the response rate was less than the 15% goal.

The consultant also began data collection on the tablet computer intercept interviewing portion of the Metrobus survey. As of the end of May, 29 trips have been completed and 109 survey interviews were collected.

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

A. CASP 27

1. Ground Access Element Update

Staff completed and submitted the new FAA grant application on May 8th.

2. Update Ground Access Forecasts

Staff began comprehensive updates to the airport noise web pages to clarify the roles of COG and the airports and military installations in addressing noise complaints.

3. 2013 Air Passenger Survey (Phase 1)

Staff continued changes to the draft General Findings Report as requested by the Aviation Technical Subcommittee at its March meeting. Staff also began geocoding survey records.

8. **SERVICES/SPECIAL PROJECTS**

No work activity during the reporting period.

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

May 31, 2014

	BUDGET TOTAL	FUNDS EXPENDED	% FUNDS EXPENDED
1. PLAN SUPPORT			
A. Unified Planning Work Program (UPWP)	72,800.00	58,250.45	80%
B. Transportation Improvement Program (TIP)	247,800.00	155,420.48	63%
C. Constrained Long-Range Plan	506,100.00	421,540.18	83%
D. Financial Plan	94,900.00	91,314.78	96%
E. Public Participation	434,700.00	313,713.36	72%
F. Private Enterprise Participation	18,800.00	4,272.58	23%
G. Annual Report	82,500.00	72,254.41	88%
H. Transportation / Land Use Connection Program	430,300.00	174,407.47	41%
I. DTP Management	464,200.00	352,911.69	76%
SUBTOTAL	2,352,100.00	1,644,085.41	70%
2. COORDINATION PLANNING			
A. Congestion Management Process (CMP)	211,000.00	175,595.49	83%
B. Management, Operations & ITS Planning	300,500.00	268,006.23	89%
C. Emergency Preparedness Planning	77,600.00	34,249.72	44%
D. Transportation Safety Planning	128,800.00	93,616.56	73%
E. Bicycle and Pedestrian Program	125,000.00	125,561.96	100%
F. Regional Bus Planning	110,043.00	102,941.44	94%
G. Human Service Transportation Coordination Planning	141,200.00	145,365.62	103%
H. Freight Planning	114,500.00	96,848.77	85%
I. MATOC Program Planning & Support	123,600.00	93,890.65	76%
SUBTOTAL	1,332,243.00	1,136,076.44	85%
3. FORECASTING APPLICATIONS			
A. Air Quality Conformity	584,600.00	561,919.55	96%
B. Mobile Emissions Analysis	707,200.00	619,959.56	88%
C. Regional Studies	531,800.00	473,055.17	89%
D. Coord. Cooperative Forecasting & Trans Planning	831,000.00	681,254.30	82%
SUBTOTAL	2,654,600.00	2,336,188.57	88%
4. DEVELOPMENT OF NETWORKS AND MODELS			
A. Networks Development	792,800.00	600,755.33	76%
B. GIS Technical Support	668,300.00	407,667.87	61%
C. Models Development	1,053,400.00	845,527.22	80%
D. Software Support	184,300.00	172,235.48	93%
SUBTOTAL	2,698,800.00	2,026,185.90	75%
5. TRAVEL MONITORING			
A. Cordon Counts	258,400.00	212,624.68	82%
B. Congestion Monitoring and Analysis	373,200.00	255,597.21	68%
C. Travel Survey and Analysis			
Household Travel Survey	370,400.00	157,542.07	43%
D. Regional Transportation Clearinghouse	327,400.00	211,485.74	65%
SUBTOTAL	1,329,400.00	837,249.70	63%
SUBTOTAL CORE PROGRAM ITEMS 1-5	10,367,143.00	7,979,786.03	77%
6. TECHNICAL ASSISTANCE			
A. District of Columbia	340,600.00	188,487.02	55%
B. Maryland	676,000.00	434,507.64	64%
C. Virginia	469,599.00	314,196.10	67%
D. WMATA	196,200.00	130,124.78	66%
SUBTOTAL	1,682,399.00	1,067,315.56	63%
TPB GRAND TOTAL	12,049,542.00	9,047,101.57	75%

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

May 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	1,132.90	1,266	143	8,734	989.43
2. Traffic Counts & Highway Performance Mgmt System	235,000	161,404.66	29,761	20,441	205,239	140,963.74
3. Bicycle Counts	17,600	1,234.62	2,229	156	15,371	1,078.27
4. Weigh In Motion Station Counts	20,000	10,000.00	2,533	1,266	17,467	8,733.56
5. Peak Period Street Restrictions Study	58,000	14,714.83	7,345	1,864	50,655	12,851.29
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	340,600	188,487.02	43,135	23,871	297,465	164,616.28
B. Maryland						
1. Program Development/Management	20,000	16,327.65	2,533	2,068	17,467	14,259.85
2. Project Planning Studies	150,000	111,090.43	18,997	14,069	131,003	97,021.50
3. Feasibility/Specials Studies	208,000	132,661.05	26,342	16,801	181,658	115,860.34
4. Transportation Performance Measures	108,000	65,518.92	13,678	8,298	94,322	57,221.34
5. Training/Technical Support	30,000	15,007.91	3,799	1,901	26,201	13,107.25
6. Statewide Transportation Model Support	0	0.00	0	0	0	0.00
7. Transportation/Land Use Connections Program	160,000	93,901.69	20,263	11,892	139,737	82,009.61
8. Human Services Transportation Study	0	0.00	0	0	0	0.00
9. Other Tasks to be defined	0	0.00	0	0	0	0.00
SUBTOTAL	676,000	434,507.64	85,611	55,028	590,389	379,479.90
C. Virginia						
1. Data/Documentation processing	7,000	7,155.40	887	906	6,113	6,249.21
2. Travel Monitoring Survey	200,000	158,353.85	25,329	20,055	174,671	138,299.30
3. Travel Demand Modeling	25,000	31,269.32	3,166	3,960	21,834	27,309.25
4. Regional and Sub-Regional Studies	237,599	117,417.53	30,090	14,870	207,509	102,547.31
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	469,599	314,196.10	59,472	39,791	410,127	274,405.08
D. WMATA						
1. Program Development	2,500	569.95	2,500	570	0	0.00
2. Miscellaneous Services	2,500	0.00	2,500	0	0	0.00
3. Bus Passenger Counts 2013	191,200	129,554.83	191,200	129,555	0	0.00
4.	0	0.00	0	0	0	0.00
5.	0	0.00	0	0	0	0.00
SUBTOTAL	196,200	130,124.78	196,200	130,125	0.00	0.00
GRAND TOTAL	1,682,401	1,067,315.54	384,418	248,814	1,297,981	818,501.26