

# **FY 2013**

**NATIONAL CAPITAL REGION  
TRANSPORTATION PLANNING BOARD (TPB)  
WORK PROGRAM PROGRESS REPORT  
MAY 2013**

# PROGRAM HIGHLIGHTS

## 1. PLAN SUPPORT

### A. Unified Planning Work Program (UPWP)

Work continued monitoring the FY 2013 UPWP which began on July 1, 2012.

### B. Transportation Improvement Program (TIP)

At their May 9<sup>th</sup> meeting, the TPB Steering Committee approved two amendments to the FY 2013-2018 TIP. The first amendment was to add funding for interchange improvements at Rolling Road and the Franconia-Springfield Parkway, as requested by the Virginia Department of Transportation (VDOT). The second amendment was to add funding for the Urban Reconstruction project category, as requested by the Maryland Department of Transportation (MDOT).

On May 15<sup>th</sup> the TPB approved resolution R17-2013, which updated project and funding information for the District of Columbia's portion of the FY 2013-2018 TIP.

### C. Constrained Long-Range Plan (CLRP)

Staff continued developing content for the documentation of the 2013 Update to the CLRP, including the policy framework, a description of programs and projects with maps, and the performance analysis.

### D. Financial Plan

The financial summaries in the FY 2013-2018 TIP are reviewed and updated as administrative modifications and amendments are approved. Staff considered analytical approaches to incorporate the new revenue forecasts for Northern Virginia and Maryland as well as the limited, two-year federal revenues in MAP-21 in the update of the 2010 revenue forecasts in the new financial plan for the next update of the CLRP in 2014.

### E. Public Participation

Staff continued an online survey for the Regional Transportation Priorities Plan (RTPP), which is using a survey tool based upon MetroQuest software designed by Envision Sustainability Tools. Beginning in April and lasting at least two months, MetroQuest is being used to conduct a survey of 600 randomly selected individuals to learn their opinions and preferences regarding the region's transportation challenges and potential strategies to address them.

Throughout the month of May, staff oversaw targeted mailings and gathered and processed responses.

#### *Community Leadership Institute (CLI)*

Staff completed the 11<sup>th</sup> session of the Community Leadership Institute (CLI), which was conducted on April 25, April 30 and May 4. The CLI is designed to help community activists understand how transportation decisions are made and help them make the connection between the regional planning context and local action. For this session the program was expanded from two to three days, which were conducted on two weeknights and one Saturday. In addition, the CLI was conducted in three locations throughout the region – in Arlington, Silver Spring and at the COG offices.

#### *Citizens Advisory Committee (CAC)*

The Citizens Advisory Committee meeting on May 9 included a briefing and discussion about the Regional Transportation Priorities Plan, discussion of a letter that was submitted by the CAC to WMATA on WMATA's Momentum Strategy, and a briefing and discussion on a potential Regional Green Streets Policy. The meeting also included an update on the TPB "Transportation Planning Information HUB" website.

Staff worked to finalize content for the clearinghouse website called the Transportation Planning Information Hub for the National Capital Region. Staff also worked with the web design consultant to correct problems in formatting and functionality.

#### *Access for All Advisory Committee (AFA)*

No AFA meeting was held in May. The next meeting is scheduled for June 20.

### F. Private Enterprise Participation

The TPB Annual Transit Forum was held on May 29 and was attended by approximately 40 public and private representatives. The keynote presentation was given by Christian Kent, Assistant General Manager of Access Services at WMATA, who spoke to the new WMATA MetroAccess Contract. Additional presentations included a review of Alternative Fuel Infrastructure in the Washington region, by Joan Rohlf, Environmental Resources Program Director at MWCOG and a briefing on the Implementation of the New Section 5310 Enhanced Mobility Program under MAP-21 in the Washington region, by Wendy Klancher, DTP.

The forum then featured a roundtable session during which representatives of the jurisdictions each provided briefings on recent and upcoming events in their public transit and paratransit services, including mention of any opportunities for private providers to bid for contracts.

G. TPB Annual Report and TPB News

The May *TPB News* was produced and distributed.

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

Staff wrote content for the 2013 *Region* magazine.

H. Transportation / Land Use Connection Program (TLC)

All nine of the FY2013 TLC technical assistance projects were underway. The projects will be completed by the end of the fiscal year.

Staff reviewed and provided comments on proposals that were submitted for the FY2014 round of TLC projects. The selection panel for FY2014 TLC projects was scheduled for June 11.

Staff reviewed applications for grants under the federal Transportation Alternatives Program (TAP). The TPB is responsible for conducting a project selection process for a portion of funding sub-allocated to our region under the TAP, which will provide capital funding for non-motorized and “alternative” transportation projects.

I. DTP Management

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

- The DTP Director gave a presentation on regional commuting information to a meeting of local officials and staff in Hagerstown Maryland at a meeting of federal and national association officials.
- The DTP Director gave a presentation at a meeting of federal and national associations on the TPB’s recommendations to the U.S. Secretary of Transportation on performance based planning and programming.
- The DTP Director participated in a conference call sponsored by and AASHTO Committee, the development of performance measures and target-sitting procedures for the CMAQ program under the new MAP-21 legislation.

## 2. COORDINATION PLANNING

### A. Congestion Management Process (CMP)

Staff continued on refinement of the National Capital Region Congestion Report (Dashboard) and completed the development of the draft Congestion Dashboard using publicly available software.

Staff demonstrated the new Congestion Dashboard on the Management, Operations and Intelligent Transportation Systems (MOITS) Subcommittee May 14 meeting.

Staff participated in a FHWA workshop regarding Active Transportation and Demand Management (ATDM) at Baltimore, MD., and in the Transportation Data Palooza, a showcase of innovative technology solutions at the U.S. DOT headquarters.

Staff also monitored the webcast on Planning for MAP-21 and Beyond: Leveraging the VPP Suite offered by the I-95 Corridor Coalition, and the I-95 Corridor Coalition Executive Board meeting.

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

Staff prepared for and conducted the May 14, 2013 meeting of the MOITS Technical Subcommittee. Discussions featured a live demonstration of the Regional Integrated Transportation Information System (RITIS, developed and operated by the University of Maryland Center for Advanced Transportation Technology), especially reviewing newly deployed RITIS features. The Subcommittee also discussed updates on:

- Regional Emergency Support Function #1-Emergency Transportation Committee activities
- Metropolitan Area Transportation Operations Coordination Program (MATOC) activities
- TPB Bus On Shoulders Task Force activities
- MOITS-related Climate Change Adaptation activities
- The Congestion Management Process (CMP-see also Task 2.A.).

Staff prepared for and conducted the May 14 meeting of the Traffic Signals Subcommittee.

Staff received and analyzed the results of the regional survey of traffic signals agencies on agencies' current signal timing/optimization activities (the survey return deadline was May 1). Draft results were presented at the May 14 Traffic Signals Subcommittee and MOITS Technical Subcommittee meetings. The committees requested further research, clarification, and reformatting of the

draft results, and staff began this work in preparation for re-review by the committees at a future date to be determined.

Staff participated in a Traffic Incident Management (TIM) workshop sponsored by the Federal Highway Administration and hosted by the District Department of Transportation, on May 2 at Howard University in Washington.

Staff participated in a "Highway Capacity and Operations Analysis of Active Transportation and Demand Management" workshop, on May 2 at the Baltimore Metropolitan Council.

Staff participated in the "Transportation Data-Palooza: a Showcase of Innovative Technology Solutions" workshop sponsored and hosted by the U.S. Department of Transportation, on May 9 at the USDOT headquarters building in Washington.

Staff participated in the Intelligent Transportation Society of Virginia (ITS Virginia) annual meeting and conference, May 16-17, in Richmond.

The Transportation Planning Board hosted and staff participated in the Annual Meeting of the Executive Board and Steering Committee of the I-95 Corridor Coalition on May 30. This event brought transportation agency leadership from throughout the East Coast area to Washington to discuss the corridor's technology and operations issues.

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.).

Staff continued review and analysis of the impacts of the new MAP-21 legislation on MOITS-related program areas, including examining how the legislation will impact the MOITS-related areas of the UPWP.

### C. Transportation Emergency Preparedness Planning

Staff prepared for and supported the May 22, 2013 meeting of the Regional Emergency Support Function-1 (RESF-1) Transportation Committee. The meeting focused on the proposals (enhancements to the Regional Integrated Transportation Information System (RITIS) for FY2013 Urban Area Security Initiative (UASI) funding, and training and exercise proposals.

Two project proposals submitted to the UASI funding committee on behalf of RESF-1, were approved for funding.

Staff provided input to the regional Training and Exercise Panel on RESF-1 needs, all training and exercise proposals submitted by RESF 1 aligned with the NCR Strategic plan and were approved starting in 2014.

Staff provided support to RESF-1 Chair participation in the UASI process and ongoing emergency transportation planning/RESF-1 efforts.

Staff began preparations for the June meeting of the RESF-1/Emergency Transportation Committee meeting.

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, typically in June.

- 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 provided summary tables showing the number of pedestrian crashes, pedestrians injured, and pedestrians killed for each county in Maryland, and the same data for bicyclists.
- DDOT provided pedestrian and bicycle fatality numbers for the year 2012.

Staff participated in a National Capital Region Traffic Symposium hosted by the National Park Service on May 16. NPS staff discussed efforts to improve crash data collection and traffic safety on NPS roads in the National Capital Region.

Staff gathered materials for the bicycle, pedestrian, and traffic laws sections of the Regional Transportation Priorities Plan, which include recommendations for measures to improve traffic safety.

E. Bicycle and Pedestrian Planning

Staff prepared for and conducted the May 21, 2013 meeting of the Bicycle and Pedestrian Subcommittee.

- The meeting featured a briefing by the Maryland Department of Transportation on the update to the Maryland State Bicycle and Pedestrian. The Subcommittee offered a number of comments.
- A Washington Area Bicyclist Association representative briefed the Subcommittee on WABA's education and outreach activities.
- Montgomery County staff briefed the Subcommittee on the successes Montgomery County Pedestrian Safety Initiative and recent pedestrian safety trends in the County.

- Prince George's County staff briefed the Subcommittee on Prince George's and MDOT pedestrian safety efforts, which follow the example of the Montgomery County Pedestrian Safety Initiative.
- Staff briefed the Subcommittee on the regional bicycle and pedestrian project database and presented a proposed schedule for updating the database and the regional bicycle and pedestrian plan in FY 2014. The database is a key element of the regional bicycle and pedestrian plan. An updated database is one of the commitments made in the TPB's regional Complete Streets policy, providing indicators of progress for other planning efforts such as Region Forward and the Regional Transportation Priorities Plan. Staff followed up with contacts to the relevant agency staff with regards to the database update.

Staff continued follow-up activities to the April 8 regional Green Streets Stakeholders Workshop, and providing briefings on the outcomes of the workshop to the TPB Technical Committee on May 3 and to the Bicycle and Pedestrian Subcommittee on May 21.

Staff participated in a teleconference meeting on the Maryland Bicycle and Pedestrian Plan Update on May 30.

#### F. Regional Bus Planning

TPB staff completed the third technical memorandum for the TPB Bus On Shoulders (BOS) Task Force, which described the benefit-cost analysis model developed for planning-level evaluation of the feasibility of BOS on potential corridors. On May 7, TPB staff along with MDOT/SHA staff, gave a presentation to the Charles County Commissioners on the activities and findings of the BOS Task Force.

TPB staff also participated in discussion of bus service research efforts for the coming year with State DOTs and WMATA, and made preparations for the June Regional Bus Subcommittee meeting.

#### G. Human Service Transportation Coordination

Staff continued to work on implementation of the new MAP21 Enhanced Mobility program and worked with the states to get the letters from the Governors and Mayor designating the TPB the recipient for the Washington DC area. Staff also continued to work on the transition of the JARC and New Freedom programs. At the request of the TPB, a letter from the Chairman was sent to the WMATA board inquiring about the process that will WMATA will use for selecting and funding transit improvements for low-income individuals with the elimination of the JARC program in MAP-21. Staff reviewed the JARC and New Freedom applications for consistency with the Coordinated Plan and staffed the two selection committees in May.



Also, a special meeting of the Human Service Transportation Coordination take force was organized on May 30 to review the Specialized transportation study on alternatives to MetroAccess In suburban MD. Staff briefed the task force on the transition to the Enhanced mobility program and the final project solicitation for JARC and new Freedom funds.

#### H. Freight Planning

Staff continued jurisdiction-level data collection activities for the Freight Around the Region project. Staff met with Prince George's County and Loudoun County to discuss the project.

TPB Freight Subcommittee preparations were made for the UPS center tour in June.

Staff received submissions/updates from TPB Freight Subcommittee members for the 2013 Top 10 Freight Project List. The 2013 Top 10 Freight Project Memo was drafted to be discussed at the June TPB Freight Subcommittee meeting.

Freight Community Engagement: Staff attended Deputy Secretary of Transportation Porcari's testimony to the House Transportation and Infrastructure Committee on freight transportation (15<sup>th</sup>), I-95 Corridor Coalition Executive Committee (30<sup>th</sup>), Council of Supply Chain Management Professionals board meeting (30<sup>th</sup>), and Norfolk Southern's Train Day (10<sup>th</sup>).

The May 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.

Staff participated in the following activities in May 2013: the MATOC Steering Committee on May 10; and the joint meeting of the MATOC Operations Subcommittee (Roadways) and Information Systems Subcommittee on May 23. 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.

### **3. FORCASTING APPLICATIONS**

#### **A. Air Quality Conformity**

2013 CLRP & FY2013-18 TIP

Development of the highway and transit networks for all analysis years was completed. Also, emissions estimates for the 2020, 2030 and 2040 analysis years were completed. After a consultation session with FHWA to obtain feedback on streamlining the conformity report, staff began developing the narrative of the conformity report. Staff also provided detailed network input data to a VDOT consultant. Consistent with interagency consultation procedures, staff informed the consultation agencies and public advisory committees about air quality conformity items on the monthly TPB agenda.

#### **B. Mobile Emissions Analysis**

Staff further refined the methodology and reviewed preliminary analysis results of emissions reductions from Transportation Emissions Reductions Measures (TERMs). DEP staff reviewed input files for years 2015 and 2020 and approved them for use in the conformity analyses. Staff responded to data request for the Tri County Parkway in Prince William and Fairfax Counties and continued literature research on emissions reductions associated with the Tier 3 rule and the CAFÉ standards.

#### **C. Regional Studies**

##### **Regional Transportation Priorities Plan (RTPP)**

The web-based survey was open to select participants in May. Responses to the survey were processed and counted, and gift card rewards were mailed to those who completed the required questions. Every two weeks staff worked to analyze the location of the respondents in order to target addresses for future mailings. Two rounds of mailings were sent out in May based on the location of the responses received. In addition work began on organizing information in order to write the plan document. A meeting was held with select TPB staff in order to get guidance and feedback on specific strategies that needed to be documented in the plan.

##### **Support for COG's Region Forward**

No work activity during this reporting period.

##### **Prepare Grant Applications for USDOT Grant Funding Programs**

No work activity during this reporting period.

D. Coordination Cooperative Forecasting & Transportation Planning

Staff briefed the Planning Directors Technical Advisory on the Committee (PDTAC) on the delineation of TPB Transportation Analysis Zone (TAZ) boundaries and Census Tract and Block Group Analysis Geography for the 139 newly identified COG Regional Activity Centers and sought the PDTAC's comments and suggestions on this work. Staff will seek final approval of these boundaries and analysis geography in June.

Staff responded to technical questions on the development of the draft 8.2 Cooperative Forecasts.

Arlington County's representatives to the Cooperative Forecasting Subcommittee discussed and reviewed with the other member of the Subcommittee the technical methodology used by Arlington County to generate their jurisdictional and TAZ-level forecasts.

Alexandria's representative to the Cooperative Forecasting Subcommittee discussed and reviewed with the other member of the Subcommittee the technical methodology used by the City of Alexandria to generate their jurisdictional and TAZ-level forecasts.

Staff discussed the proposed schedule for the development of the Round 8.3 Cooperative Forecasts.

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 implemented minor changes to the geodatabase and database editor used to develop and manage the transportation networks that are used by the regional transportation model. The changes were needed to accommodate updated network coding conventions adopted into the 2013 CLRP networks developed for the air quality analysis. The documentation of the newly developed highway and transit networks has begun and is planned for completion by September 2013.

Staff completed the compilation of aerial photography of the areas with Metrorail and commuter rail stations. The compilation will be used to support a developmental transit modeling activity that involves the use of a new transit network program named Public Transport (or PT). PT requires network coding that is slightly different than that currently used in production work and offers several benefits to the existing program that is used in production, TRNBUILD. This work was initiated in FY-2013 and will continue in FY 2014.

Staff members began project planning work for VDOT as a technical assistance effort aimed at prioritizing transportation projects in Northern Virginia. Staff compiled isolating segments of the highway network corresponding to specific facilities that are being studied. This project is ongoing.

B. GIS Technical Support

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

Staff resolved a problem reported by a DTP GIS user that involved incorrect software settings for an ArcGIS map document.

Staff continued the work on GIS tasks related to the update of the spatial and tabular data for the 2013 Constrained Long Range Plan (CLRP).

Staff responded to a consultant request for a GIS data for CLRP projects, in support of the District Department of Transportation multimodal long range transportation plan, moveDC.

Staff responded to a request from the Washington Metropolitan Area Transit Authority (WMATA) for reference crosswalk files that equate 3722 to 2191 transportation analysis zones (TAZ).

Staff provided technical guidance to Frederick County transportation planning staff regarding the coordination of TAZ-level data between the county and the City of Frederick.

Staff completed work on incorporating new 2012 metropolitan, micropolitan and combined statistical areas shapefiles into the DTP spatial data library.

Staff revised the Managed Lanes GIS layer to include lane directionality changes by time of day.

Staff planned and participated in the May 21st GIS Committee meeting held at the DC Emergency Operations Center (EOC) during which the DC Dashboard system was demonstrated.

Staff participated in a conference call on May 22<sup>nd</sup> to discuss USGS funding for possible LiDAR projects in the region.

Staff attended the monthly meeting of the Maryland State Geographic Information Committee (MGSIC) executive committee. Topics discussed included the new membership structure and the Baltimore Metropolitan Council's (BMC) plan to integrate an ArcGIS Online account into their plan for online web mapping capabilities.

### C. Models Development

Staff presented a review of the Version 2.3 travel model validation effort to the Travel Forecasting Subcommittee (TFS) at its May 17 meeting. The TFS was informed that TPB staff has begun applying the new (Version 2.3 52) model for the conformity assessment of the 2013 CLRP network. Staff also reviewed with the TFS the changes that have been implemented, including altered highway network facility type coding, the use of bridge penalties, and a modification to the treatment of non-motorized trips. Staff completed a memorandum detailing the modeled changes that have been investigated as part of the validation effort. Further documentation on the validation effort and a new user's guide has begun.

The consultant-assisted project for supporting TPB's modeling improvements was active during May. AECOM continued its investigation into ways in which existing HOV and HOT modeling techniques might be improved. AECOM apprised the TFS of their work thus far in this area at the May TFS meeting.

One TPB staff member attended the 14<sup>th</sup> TRB National Transportation Planning Applications Conference which has held in Columbus Ohio on May 5-9. This bi-annual conference offered an opportunity for practitioners to share information about the latest techniques that are currently in application across the U.S. The information gained at the conference was subsequently shared with other TPB staff members during a formal debriefing session.

Staff spent time analyzing the performance of a past transit forecast, in response to a request from WMATA. This study was formalized into a technical memorandum that is currently under internal review.

Staff also responded to two technical data requests during May (one request from the Union Station Redevelopment Corporation and another from a consultant conducting project planning work in Northern Virginia for VDOT).

### D. Software Support

Staff coordinated work efforts with the Information, Technology and Facilities Management (ITFM) team in order to improve the performance of travel demand servers. Additional work has been performed to consolidate and free up additional storage on the servers. Staff continued testing the recently purchased travel demand server as a preparatory step for the 2013 CLRP air quality conformity related travel demand model runs.

## 5. TRAVEL MONITORING

### A. Cordon Counts

Staff continued field data collection of AM peak period vehicle and transit volumes and vehicle occupancies at cordon counting stations. Data were collected at 44 cordon count locations in May.

### B. Congestion Monitoring and Analysis

Staff assembled the traffic message channel (TMC) codes for the arterial routes monitored in 2010 as part of the arterial highway congestion monitoring program and using the 2012 INRIX speed data for arterial roads in the region performed analysis.

Using the results of the analysis staff developed three performance measures for the 2010 arterial routes. They are: average annual 24 hour speed profile data; average annual weekday morning and evening peak period speed profile; and monthly peak period speed profile data at the route level.

Staff assembled TMC codes for the arterial highway routes monitored in 2009 and assembling of TMC codes for the arterial highway routes monitored in 2011 underway.

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

Staff responded to questions about and requests for additional information on the TPB 2007/2008, the fall 2011 Geographically–Focused, and the spring 2012 Geographically-Focused Household Travel Surveys.

Staff prepared an analysis of changes in regional commuting patterns and shifts in single occupant vehicle (SOV), carpool, transit and biking commuting modal shares between 2000 and 2011 using data from the 2000 Census and the 2007 and 2011 Census American Community Surveys. Staff presented this analysis to the TPB Technical Committee, the TPB, the TPB Travel Forecasting Subcommittee, and the Metropolitan Washington Air Quality Committee (MWAQC).

Staff responded to requests for media interviews on the 2000 to 2011 Changes in Regional Commuting Patterns received from the Washington Examiner, the Washington Post, the Washington Business Journal, the City Paper, WTOP Radio and News Channel 8.

Staff restarted work on the preparation of the RFP for the FY 2014 Geographically-Focused Household Travel Surveys.

D. Regional Transportation Data Clearinghouse (RTDC)

Staff responded to several requests for login credentials to access the RTDC, including requests from Frederick County transportation planning staff, as well as several consultants working on projects on behalf of TPB Members.

Staff began work on upgrading the RTDC application to the most currently available version of the ArcGIS Viewer for Flex (3.3). Tasks include manually upgrading the base application and related widgets, migrating legacy code from third party widgets to the Flex (3.3) framework and the re-testing of all current RTDC functionality.

Staff learned of an anomaly concerning the way hourly count data is presented in the RTDC application and began researching this issue.

On May 9<sup>th</sup>, staff attended FHWA's DataPalooza teleconference that showcased innovative transportation planning tools.

Staff completed a creation of a regional HPMS geospatial database that incorporates HPMS sections from Maryland, Virginia, and the District of Columbia.

Staff began work to more accurately match the INRIX Traffic Message Chanel codes to the links of the COG/TPB highway network.

Staff requested and received the District of Columbia's updated roadway functional classification file.

Staff provided a summary of the transit data collection efforts in support of the Regional Transportation Data Clearinghouse (RTDC) to the TPB support staff for the Regional Bus Subcommittee. This was done in response to a request from the WMATA Regional Bus Subcommittee representative to coordinate and streamline requests for WMATA transit data.

6. TECHNICAL ASSISTANCE

A. **DISTRICT OF COLUMBIA**

1. Program Development, Data Requests & Miscellaneous Services

Staff responded to a data request for TPB Travel Demand Model data and forecasts that were needed for DDOT's Citywide WorkZone Project Management System

2. Traffic Counts and HPMS Support

Staff prepared the draft agenda for the May HPMS Coordinating Committee meeting.

Staff began preparation of the final AADT and other traffic databases for DDOT's June 2013 HPMS submittal.

Staff processed the Traffic.com continuous traffic counts collected from April 1, 2013 through April 30, 2013.

3. Bicycle Counts

Field crews began counting bicycles at locations specified by DDOT.

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.

6. Other Sign Inventory Update

No work activity during the reporting period.

**B. MARYLAND**

1. Program Development /Management

Staff continued monitoring the line item budgets of the MD Technical Assistance program as the end of the fiscal year approaches. At the same time an inventory of work commitments made to MD SHA was taken and a progress assessment was made.

2. Project Planning Studies

No work activity during the reporting period.

3. Feasibility/Special Studies

In response to a request from MD SHA, staff continued working on the Veirs Mill Road and Georgia Avenue multimodal studies by documenting model results for the completed alternatives and began work on establishing assumptions for additional alternatives.



4. Transportation Performance Measures

Staff has submitted the final draft report of the before/After ICC study to MD SHA for internal review. Subsequently staff presented the findings of the Before/After analysis as well as the With/Without ICC study to senior management of MD SHA on May 2.

5. Training/Miscellaneous Technical Support

No work activity during the reporting period.

6. Statewide Transportation Model Support

No work activity during the reporting period.

7. Transportation / Land Use Connections Program (TLC)

As part of the Transportation/Land-Use Connections Program (1.H. above), four technical assistance projects in Maryland are being fully or partially funded under this PE number. See 1.H. above for further details about the TLC Program.

8. Human Services Transportation Study

Staff facilitated two conference calls with the Study Project management team of WMATA, MDOT and TPB staff to finalize the study. Staff assisted the consultant in preparing a presentation to the special meeting of the TPB's Human service Transportation coordination take force on May 30 on the study findings and recommendations to date. Staff reviewed the draft Action Plan and worked with the WMATA and MDOT to provide guidance to the consultant on the structure and content for the final report.

9. Other Tasks yet to be Defined

No work activity during the reporting period.

**C. VIRGINIA**

1. Data/Documentation Processing

No work activity during the reporting period.

2. Travel Monitoring and Survey

No work activity during the reporting period.

3. Travel Demand Modeling

No work activity during the reporting period.

4. Regional and Sub-Regional Studies

Staff continued work on the project ranking baseline congestion analysis. Staff prepared video logs of the I-66 BOS trial runs performed on May 22<sup>nd</sup>.

Staff began work on the tests of the Dulles Access alternatives as part of the conformity analysis.

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.

2. Bus Passenger Counts in Support of Cordon Count

Field crews continued collecting bus passenger data at cordon count stations.

4. Geocode and Tabulate 2012 Rail Passenger Survey

No work activity during the reporting period.

5. Human Services Transportation Study

Staff facilitated two conference calls with the Study Project management team of WMATA, MDOT and TPB staff to finalize the study. Staff assisted the consultant in preparing a presentation to the special meeting of the TPB's Human service Transportation coordination take force on May 30 on the study findings and recommendations to date. Staff reviewed the draft Action Plan and worked with the WMATA and MDOT to provide guidance to the consultant on the structure and content for the final report.

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

A. CASP 26

1. Ground Access Element Update (Phase 1)

No work activity during the reporting period.

2. Process 2011 Air Passenger Survey (Phase 1)

No work activity during the reporting period.

3. Update Ground Access Forecast (Phase 2)

No work activity during the reporting period.

B. CASP 27

1. Ground Access Element Update (Phase 2)

No work activity during the reporting period.

2. Process 2011 Air Passenger Survey (Phase 2)

Staff completed the final geographic findings report and survey file.

3. Update Ground Access Forecasts (Phase 1)

No work activity during the reporting period.

**8. SERVICES/SPECIAL PROJECTS**

**FY 2013 TRANSPORTATION PLANNING BOARD  
COG/TPB BUDGET EXPENDITURE SUMMARY**

May 31, 2013

	<b>BUDGET TOTAL</b>	<b>FUNDS EXPENDED</b>	<b>% FUNDS EXPENDED</b>
<b>1. PLAN SUPPORT</b>			
A. Unified Planning Work Program (UPWP)	70,700.00	63,185.40	89%
B. Transportation Improvement Program (TIP)	240,600.00	196,462.45	82%
C. Constrained Long-Range Plan	588,400.00	434,718.04	74%
D. Financial Plan	64,000.00	43,569.12	68%
E. Public Participation	421,900.00	399,514.81	95%
F. Private Enterprise Participation	18,300.00	4,325.50	24%
G. Annual Report	80,100.00	60,205.88	75%
H. Transportation / Land Use Connection Program	395,000.00	256,655.64	65%
I. DTP Management	450,659.00	348,001.82	77%
<b>SUBTOTAL</b>	<b>2,329,659.00</b>	<b>1,806,638.67</b>	<b>78%</b>
<b>2. COORDINATION PLANNING</b>			
A. Congestion Management Process (CMP)	205,000.00	153,813.62	75%
B. Management, Operations & ITS Planning	340,300.00	268,080.75	79%
C. Emergency Preparedness Planning	75,400.00	58,353.70	77%
D. Transportation Safety Planning	125,000.00	90,158.71	72%
E. Bicycle and Pedestrian Program	108,700.00	89,194.84	82%
F. Regional Bus Planning	100,000.00	87,685.77	88%
G. Human Service Transportation Coordination Planning	114,800.00	102,212.78	89%
H. Freight Planning	150,000.00	119,624.49	80%
I. MATOC Program Planning & Support	120,000.00	85,607.22	71%
<b>SUBTOTAL</b>	<b>1,339,200.00</b>	<b>1,054,731.87</b>	<b>79%</b>
<b>3. FORECASTING APPLICATIONS</b>			
A. Air Quality Conformity	563,200.00	430,259.25	76%
B. Mobile Emissions Analysis	640,100.00	450,768.77	70%
C. Regional Studies	516,300.00	388,412.77	75%
D. Coord. Cooperative Forecasting & Trans Planning	806,800.00	682,556.29	85%
<b>SUBTOTAL</b>	<b>2,526,400.00</b>	<b>1,951,997.08</b>	<b>77%</b>
<b>4. DEVELOPMENT OF NETWORKS AND MODELS</b>			
A. Networks Development	769,700.00	671,641.78	87%
B. GIS Technical Support	448,800.00	377,368.84	84%
C. Models Development	1,071,200.00	837,502.41	78%
D. Software Support	178,900.00	116,924.09	65%
<b>SUBTOTAL</b>	<b>2,468,600.00</b>	<b>2,003,437.12</b>	<b>81%</b>
<b>5. TRAVEL MONITORING</b>			
A. Cordon Counts	250,800.00	192,425.15	77%
B. Congestion Monitoring and Analysis	260,000.00	220,253.87	85%
C. Travel Survey and Analysis			
Household Travel Survey	276,300.00	173,066.39	63%
D. Regional Transportation Clearinghouse	317,900.00	225,483.83	71%
<b>SUBTOTAL</b>	<b>1,105,000.00</b>	<b>811,229.23</b>	<b>73%</b>
<b>SUBTOTAL CORE PROGRAM ITEMS 1-5</b>	<b>9,768,859.00</b>	<b>7,628,033.97</b>	<b>78%</b>
<b>6. TECHNICAL ASSISTANCE</b>			
A. District of Columbia	302,618.00	202,161.12	67%
B. Maryland	678,000.00	553,031.69	82%
C. Virginia	635,192.00	364,061.83	57%
D. WMATA	201,182.00	116,897.27	58%
<b>SUBTOTAL</b>	<b>1,816,992.00</b>	<b>1,236,151.93</b>	<b>68%</b>
<b>TPB GRAND TOTAL</b>	<b>11,585,851.00</b>	<b>8,864,185.88</b>	<b>77%</b>

**FY 2013 TRANSPORTATION PLANNING BOARD  
FINANCIAL STATUS OF TECHNICAL ASSISTANCE**

May 31, 2013  
SUPPLEMENT 1

	TOTAL		FTA/STA/LOC		PL FUNDS/LOC	
	AUTHORIZED BUDGET	TOTAL EXPENDITURES	AUTHORIZED BUDGET	FTA EXPENDITURES	AUTHORIZED BUDGET	FHWA EXPENDITURES
<b>A. District of Columbia</b>						
1. Program Development, Data Requests & Misc. Services	10,000	6,199.35	1,327	823	8,673	5,376.73
2. Traffic Counts & Highway Performance Mgmt System	235,000	181,958.78	31,183	24,145	203,817	157,813.75
3. Bicycle Counts	17,618	4,963.04	2,338	659	15,280	4,304.47
4. Weight In Motion Station Counts	20,000	4,352.56	2,654	578	17,346	3,775.00
5. Peak Period Street Restrictions Study	20,000	4,687.39	2,654	622	17,346	4,065.39
6. Other tasks to be defined	0	0.00	0	0	0	0.00
7. NOT IN USE	0	0.00	0	0	0	0.00
<b>SUBTOTAL</b>	<b>302,618</b>	<b>202,161.12</b>	<b>40,156</b>	<b>26,826</b>	<b>262,462</b>	<b>175,335.34</b>
<b>B. Maryland</b>						
1. Program Development/Management	25,000	16,524.03	3,317	2,193	21,683	14,331.37
2. Project Planning Studies	110,000	94,210.68	14,596	12,501	95,404	81,709.39
3. Feasibility/Specials Studies	160,000	154,330.04	21,231	20,479	138,769	133,851.20
4. Transportation Performance Measures	173,000	164,177.91	22,956	21,786	150,044	142,392.31
5. Training/Technical Support	20,000	2,155.86	2,654	286	17,346	1,869.79
6. Statewide Transportation Model Support	0	0.00	0	0	0	0.00
7. Transportation/Land Use Connections Program	160,000	107,907.79	21,231	14,319	138,769	93,588.96
8. Human Services Transportation Study	30,000	13,725.38	3,981	1,821	26,019	11,904.09
9. Other Tasks to be defined	0	0.00	0	0	0	0.00
<b>SUBTOTAL</b>	<b>678,000</b>	<b>553,031.69</b>	<b>89,967</b>	<b>73,385</b>	<b>588,033</b>	<b>479,647.12</b>
<b>C. Virginia</b>						
1. Data/Documentation processing	13,000	7,477.86	1,725	992	11,275	6,485.58
2. Travel Monitoring Survey	255,354	201,283.68	33,884	26,709	221,470	174,574.33
3. Travel Demand Modeling	10,694	9,268.63	1,419	1,230	9,275	8,038.73
4. Regional and Sub-Regional Studies	356,144	146,031.66	47,259	19,378	308,885	126,653.98
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
<b>SUBTOTAL</b>	<b>635,192</b>	<b>364,061.83</b>	<b>84,287</b>	<b>48,309</b>	<b>550,905</b>	<b>315,752.62</b>
<b>D. WMATA</b>						
1. Program Development	5,200	816.22	5,200	816	0	0.00
2. Miscellaneous Services	10,982	2,545.90	10,982	2,546	0	0.00
3. Bus Pass Counts 2013 Central Area	50,000	26,877.97	50,000	26,878	0	0.00
4. Geo-code 2012 Rail Passenger Survey	75,000	71,409.85	75,000	71,410	0	0.00
5. Human Services Transportation Study	60,000	15,247.34	60,000	15,247	0	0.00
<b>SUBTOTAL</b>	<b>201,182</b>	<b>116,897.27</b>	<b>201,182</b>	<b>116,897</b>	<b>0.00</b>	<b>0.00</b>
<b>GRAND TOTAL</b>	<b>1,816,994</b>	<b>1,236,151.91</b>	<b>415,592</b>	<b>265,417</b>	<b>1,401,400</b>	<b>970,735.08</b>