

FY 2014

**NATIONAL CAPITAL REGION
TRANSPORTATION PLANNING BOARD (TPB)
WORK PROGRAM PROGRESS REPORT
JULY / AUGUST 2013**

METROPOLITAN WASHINGTON COUNCIL OF GOVERNMENTS

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PROGRAM HIGHLIGHTS

1. PLAN SUPPORT

A. Unified Planning Work Program (UPWP)

The final progress report was prepared on the work activities in the FY 2013 UPWP. Activities under the FY 2014 UPWP began on July 1, 2013.

On July 17, the TPB Statement of Certification on the Urban Transportation Planning Process for the National Capital Region was signed by the DOTs and endorsed by the TPB.

B. Transportation Improvement Program (TIP)

At their June 28 meeting, the TPB Steering Committee approved one amendment to the FY 2013-2018 TIP to add funding for preliminary engineering for the I-495 Express Lanes Shoulder Use project, as requested by the Virginia Department of Transportation (VDOT).

On July 17, the TPB approved two amendments to the FY 2013-2018 TIP to update funding and project information in the Suburban Maryland and Northern Virginia portions of the TIP.

During the months of July and August, TPB staff worked with DDOT staff to make a series of modifications and technical corrections to the District's portion of the FY 2013-2018 TIP.

C. Constrained Long-Range Plan (CLRP)

The public comment period on the draft 2013 CLRP and the Air Quality Conformity Analysis closed on July 13. TPB staff consulted with member agencies to develop responses to the comments that were received.

At the July 17 meeting, the TPB approved the 2013 CLRP and the related Air Quality Conformity Analysis.

During the months of July and August, TPB staff worked on the travel demand data required for the performance analysis of the 2013 CLRP. This data will and the performance analysis will be used to produce an electronic summary brochure of the 2013 CLRP.

D. Financial Plan

Staff continued to review an approach to the development of an update of the financial analysis for the 2010 CLRP to support the 2014 CLRP. Key issues are how to incorporate the new revenue forecasts for Northern Virginia and Maryland as well as the federal revenues in MAP-21 in the update of the 2010 revenue forecasts for the CLRP in 2014.

E. Public Participation

During this period, public participation activities were particularly focused on the Regional Transportation Priorities Plan (RTPP):

- Between April and June, staff conducted an online survey using MetroQuest software. More than 600 randomly selected individuals completed the survey in which they expressed their opinions and preferences regarding the region's transportation challenges and potential strategies to address them. In July, staff analyzed the survey responses and drafted a report on the RTPP for presentation to the TPB on July 17.
- The draft RTPP was released for public comment on July 24. The comment period ended on August 23. Commenters had the chance to submit comments online or in writing. The general public was also given the opportunity to complete the online MetroQuest survey.
- Staff conducted two special outreach sessions to get feedback on the RTPP. A special session with the Citizens Advisory Committee (CAC) was held on August 15. An additional outreach session was conducted on August 20 with past participants of the TPB's Community Leadership Institute.

In August, COG contracted with the non-profit AmericaSpeaks to conduct a special forum on September 27 on Economy Forward. This will be an interactive session, featuring small-group discussions and keypad voting, that will bring together approximately 150 regional stakeholders to discuss land-use and transportation priorities. Staff began planning for this session in August.

The CAC regular monthly meeting on July 11 included briefings on the TPB's Transportation Alternatives Program (TAP) and the FY2014 Transportation/Land-Use Connections (TLC) Program, as well discussion of the draft RTPP. As noted above, the CAC held a special meeting in August (the committee normally does not meet in August) to further discuss the RTPP.

Staff continued work 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)

In the months of July and August, staff supported the Access for All Advisory Committee by organizing and preparing for the July 25 meeting. The meeting included a presentation on the transition of the MetroAccess contract from WMATA staff, and a presentation and solicitation of feedback on the Regional Transportation Priorities Plan (RTPP) by TPB Staff. The AFA developed comments on the RTPP and submitted them via a memorandum to the TPB from Chair Wojahn.

F. Private Enterprise Participation

No work activity during the reporting period.

G. TPB Annual Report and TPB News

The July-August *TPB News* was produced and distributed.

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

Staff finished writing content for the 2013 edition of *The Region* magazine. Design began on the publication.

H. Transportation / Land Use Connection Program (TLC)

The process for initiating FY2014 technical assistance projects was fully underway in July and August. At the July TPB meeting, the TPB approved a package of nine projects that were recommended for funding by the selection panel that met in June. In August, staff began the consultant selection process by contacting firms from the TLC Program's prequalified list of consultants to determine their interest in the specific projects. Based upon feedback from the consultants, as well as input from staff and from jurisdictions, staff issued Requests for Proposals to a range of consultants (between 3-6 solicitations) for each project. The proposal deadline was set for September 12. Consultant selection will be finalized in October. 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 also began planning for an assessment of the 65 TLC projects that have been completed since the program began in 2007.

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 was a panelist on the Kojo Nnamdi Show discussing the recent decline in vehicle miles of travel per capita in the Washington region.
- The DTP Director gave a presentation to the WMATA Strategic Planning Committee on the TPB's Regional Transportation Priorities Plan.
- The DTP Director participated in a semi-annual meeting of the USDOT ITS Advisory Committee.

2. COORDINATION PLANNING

A. Congestion Management Process (CMP)

Staff initiated background work for the 2014 CMP Technical Report, anticipated to be completed in mid-2014. This report continues to be a major resource for the region on the topic of congestion data and the management strategies pursued in the region to address that congestion.

Staff undertook technical analysis of INRIX arterial data for use in the arterial congestion monitoring program (see also 5.B). This work includes research on the state of the practice for using INRIX arterial data, validation of the INRIX data, and development of performance measures. A status report for the MOITS Subcommittee is scheduled for September.

Staff participated in an August 8, 2013 webinar on the National Performance Management Research Data Set.

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

Staff prepared for and conducted a meeting of the Traffic Signals Subcommittee on August 7, 2013. For this meeting, staff finalized analysis of the results of the regional survey of traffic signals agencies on agencies' current signal timing/optimization activities, in response to further research previously requested by the Subcommittee. Subsequent to the meeting, staff began preparation of materials for presentation to the TPB Technical Committee in September.

Staff prepared for and conducted a meeting of the MOITS Technical Subcommittee on August 7. A major focus of the meeting was a discussion with Virginia Department of Transportation officials on preparing to comply with SAFETEA-LU Section 1201 state requirements for provision of real-

time traffic and incident information. This is expected to be an emerging, ongoing topic. The Subcommittee and staff also were briefed on recent discussions by the Regional Bus Subcommittee on considerations for exchanging real-time data among transit agencies; this is also expected to be an emerging, ongoing topic. Related to the transit data topic, staff attended a transit technology workshop at the Virginia Center for Transportation Innovation and Research in Charlottesville on August 19.

Staff met with VDOT ITS program staff to discuss and coordinate with their development of northern Virginia ITS architecture and a forthcoming meeting with northern Virginia stakeholders to roll out the VDOT architecture. VDOT's I-95 integrated corridor management project efforts and schedule, as well as how to integrate the project into the TPB regional ITS architecture, were discussed.

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 finalized the Regional Emergency Support Function-1 (RESF-1) Emergency Transportation Committee agenda in consultation with the co-chairs and provided logistical support for the July 18 and August 15 meetings of the committee.

The July 18th meeting focused on training exercise and plans, including the Regional Integrated Transportation Information System (RITIS) Training Plan for 2014. The working group for RITIS training plan will consist of representatives from MD, DC, VA and the Metropolitan Area Transportation Operations Coordination (MATOC) Program. The committee reviewed the NCR Strategic Plan and provided updates for recommendation. A draft revised plan was to be available for review soon. The August meeting discussed project proposals for unspent UASI funding, and training and exercise plans.

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. Staff assisted committee members in developing four projects proposals that were submitted on behalf of the committee for 2011 and 2012 unspent UASI funding, forwarded to the regional homeland security decision-making process for a fall decision. Project proposals were additional battery back-up systems for traffic signals for Arlington County; evacuation support trailers for the Maryland State Highway Administration; additional funding for ongoing District of Columbia evacuation planning; and personal radiation monitoring equipment for VDOT.

Staff began preparations for the RESF-1/Emergency Transportation Committee September 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 DOTs. The DOTs 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 TREDIS 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) has not yet released 2012 crash data. MHSO is in the middle of a re-organization.

Requested 2012 crash data from District Department of Transportation (DDOT) for the emphasis areas in the Safety Element. DDOT has not released the 2012 data.

Staff prepared slides showing the pedestrian, bicyclist, and total traffic fatalities for Washington region in 2012. These slides were presented at the August 29th workshop on best practices in pedestrian and bicyclist enforcement.

Staff attended a kick-off press event for the Smooth Operator aggressive driving campaign on August 1st.

Staff attended a meeting of the Maryland Distracted Driving Emphasis Area Team in Columbia, MD on August 5th.

Staff organized a workshop on Best Practices in Pedestrian and Bicyclist Enforcement, which was held on August 29th. Approximately 50 people attended, of which two thirds were law enforcement officers, with the remaining one third including member agency planners, National Highway Traffic Safety Administration staff, and a couple of citizen advocates.

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. These documents were made available to the TPB Technical Committee one week prior to their September 6th meeting. Staff also prepared a cover memo and presentation on the draft documents.

Staff prepared materials for the July 16 bicycle and pedestrian subcommittee meeting. The Subcommittee discussed the results of the Washington Metropolitan Area Transit Authority bike parking census, as well as the mechanics of the regional bike/ped project database, and revised criteria for selecting the short list of top priority unfunded bicycle and pedestrian projects.

Staff actively coordinated with relevant Transportation Planning Board member agency staff with regards to the Bicycle/Pedestrian Project Database update. Approximately two thirds of the project entries were updated.

Staff worked with the Washington Area Bicyclist Association and the District Department of Transportation to organize a bicycle tour of DC's new bicycle protected bike lanes, which took place on August 22nd. Approximately 40 people, mostly TPB member jurisdiction transportation staff, attended.

Staff recruited speakers and handled registrations for a workshop on Best Practices in Pedestrian and Bicyclist Enforcement, which was held on August 29th.

F. Regional Bus Planning

The Regional Bus Subcommittee met on July 23. A summary of notes from the June roundtable with FTA staff on Title VI issues was distributed. The meeting agenda included a discussion on Real-Time Transit Information, and opportunities and/or implications for regional cooperation. Other agenda items include an update on the TPB's Regional Transportation Priorities Plan, including the Bus Priority strategy and related steps for the work program of the subcommittee, and a discussion of the planned study of commuter bus staging locations in the metropolitan core.

Other bus planning activities included writing a draft report summarizing the work of the TPB Bus On Shoulders (BOS) task force, which was disseminated for comments during August. TPB staff participated in NVTC's Alternatives Analysis for VA-7 (Leesburg Pike) and in WMATA's Jurisdictional Coordination Council and Streetcar / Light Rail Interoperability Study meetings. TPB staff participated in DRPT's SuperNoVa study workshop and hosted WMATA for a discussion of the Regional Transit Systems Plan (RTSP).

G. Human Service Transportation Coordination

Staff coordinated an inter-agency discussion of the Federal Register notice of July 11, 2013, from FTA on the proposed development of guidance in implementing the new Section 5310 Enhanced Mobility for Seniors and Individuals with Disabilities Program, as revised under the Moving Ahead for Progress in the 21st Century (MAP-21) legislation. Staff disseminated advance notes and facilitated the discussion with WMATA, DDOT, MTA, and VDRPT to develop comments for submission on the Federal Register notice .

Staff worked to respond to additional requirements from the Federal Transit Administration to gain approval for the 2012 Job Access and Reverse Commute (JARC) grants submitted a year earlier. Additional information was collected from the nominated awardees, and the program of projects, the TEAM project management system, and written responses were prepared and submitted to FTA for their further review.

H. Freight Planning

Staff received submissions/updates from TPB Freight Subcommittee members for the 2013 Top 10 Freight Project List. The Subcommittee met on August 9th to review the document for the Subcommittee Chairman's presentation scheduled for the TPB in September.

Staff continued jurisdiction-level data collection activities for the Freight Around the Region project. Staff met with representatives from Arlington County.

Staff participated in the DDOT Freight Plan stakeholder meeting.

Staff attended the TRB Freight Systems Group Summer Meeting and is member/secretary of the TRB Urban Freight Committee.

Staff attended the FHWA-AASHTO Freight Partnership V conference.

Staff participated in the AMPO freight work group call.

Freight Community Engagement: FHWA Performance Management Data Webinar, FHWA Talking Freight-State of Logistics, CSX Long Bridge Interagency meeting, Council of Supply Chain Management Professionals Roundtable.

The July and August 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 July/August 2013 period, staff participated in the July 25 MATOC Operations Subcommittee and Transit Task Force joint meeting at the Virginia Department of Transportation in Fairfax (the MATOC Steering Committee did not meet in July or August). Staff undertook extensive preparatory and follow-up activities for this meeting, in coordination with the MATOC staff from the University of Maryland Center for Advanced Transportation Technology. Also during this month, the MATOC Program continued its move of office facilities from subleased space in Greenbelt, Maryland to leased space on the campus of the University of Maryland in College Park; with the move consuming so much of MATOC staff time, COG/TPB staff provided additional coordination of MATOC committee activities during this period.

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

3. **FORCASTING APPLICATIONS**

A. Air Quality Conformity

2013 CLRP & FY2013-18 TIP

The comments received during the 30-day public comment period were addressed by the July TPB meeting during which the plan and the air quality conformity were approved. The draft summary and full reports reflected that fact that no alternative was selected by VDOT among the ones analyzed as part of the air quality conformity. The final report was posted online and hard copies were distributed to the appropriate state and federal agencies.

2014 CLRP & FY2015-20 TIP

A schedule was developed in order to be included in the *Call for Projects* document. 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

Staff presented the results of the TERMS analyses to the TPB Technical Committee, the MWAQC TAC and Commuter Connections oversight committees during their July meetings. Staff reviewed BRAC Bethesda Naval Hospital projects to determine if they were regionally significant.

B. Mobile Emissions Analysis

Staff contributed input towards the documentation of MOVES inputs related to I/M Programs, fuel supply and formulation and meteorology. The input was incorporated in the final Air Quality Conformity report of the 2013 CLRP & FY2013-18 TIP. In support of on-going discussions among the three states for the 2008 ozone standard, staff was requested to develop year 2011 and 2017 emissions estimates for all sources based mostly on readily available sources in order to derive a preliminary estimate if a desired 15% ozone reduction between 2011 and 2017 appears attainable. Staff assembled and forwarded to VDOT MOVES input files from the 2013 CLRP & FY2013-18 TIP Air Quality Conformity analysis in order to be used in the development of a guidance workbook for consultants who would be working on Hot Spot and county-level air quality projects in Virginia.

Staff worked on improving the data processing of MOVES modeling routines; specifically, the post processor of the travel demand model that generates travel-related data that are subsequently used as MOVES inputs. Staff also tested the sensitivity of the Stage II program in impacting mobile emissions, and responded to a data request using the 2005-2011 DC VIN databases.

C. Regional Transportation Priorities Plan (RTPP)

The controlled web-based public opinion survey closed at the beginning of July. Staff processed the results and continued to work on writing the draft report. The draft report was presented to the TPB at the July 18th meeting, and a one month public comment period was opened (July 24-August 23). During that time members of the TPB, TPB sub-committee members, and other interested parties were invited to take the web-based survey and submit official comments on the plan through the website. Throughout the month of August staff held two special meetings to discuss the plan in depth with the Citizens Advisory Committee (CAC) and the Community Leadership Institute (CLI) alumni network. At the end of August staff compiled comments received throughout the public comment period in order to analyze them and recommend changes to the draft.

Support for COG's Region Forward

In August, discussions were held with COG's Department of Community Planning & Services about the connections between Regional Transportation

Priorities Plan (RTPP) priorities plan and COG's Economy Forward. At the end of September COG and the TPB are hosting a large event to discuss the future of these two efforts.

Prepare Grant Applications for USDOT Grant Funding Programs

No work activity during the reporting period.

D. Coordination Cooperative Forecasting & Transportation Planning

In July, the Planning Directors Technical Advisory Committee (PDTAC) approved Transportation Analysis (TAZ)-based geographic definitions for the new 2013 Activity Centers. These Activity Centers are designed to better integrate locally planned growth areas into the regional planning process. After the approval of these geographic definitions, staff mapped the TAZ-based Activity Centers and began to analyze the amount of forecast (Round 8.2) regional growth projected to occur in these centers.

Staff briefed the members of the Cooperative Forecasting and Data Subcommittee on the on the results of the travel demand modeling of the 2013 Financially Constrained Long-Range Transportation Plan (CLRP).

Staff reviewed the schedule for the development of the Round 8.3 Cooperative Forecasts with the members of the Cooperative Forecasting and Data Subcommittee. Staff also noted the important elements to be included in the letter formally submitting each participating jurisdiction's Round 8.3 forecast.

Staff presented the annualized 2012 Employment Data from the Quarterly Census of Employment and Wages (QCEW) Program to the members of the Cooperative Forecasting and Data Subcommittee.

Staff began analysis of updated national and 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

TPB staff began the documentation of the 2013 CLRP transportation network inputs to the regional travel model. These inputs supported the recent air

quality determination study that was approved by the TPB in July. The documentation will be completed in the fall of 2013.

Staff also began work on adapting the existing accessibility process to be compliant with the newly released Version 2.3.52 travel demand model. The accessibility process essentially shows how highway and transit accessibility to jobs will change between 2014 and 2040. This type of analysis will be used to evaluate the existing Plan. Documentation on the updated accessibility process will be completed in September.

B. GIS Technical Support

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

Staff coordinated with COG's Office of Information Technology and Facilities Management (ITFM) to ensure that DTP GIS databases would not be adversely impacted by scheduled ITFM system maintenance service on the GIS Server.

Staff obtained the installation media for ArcGIS 10.2 desktop and server products and reviewed the new capabilities included in the ArcGIS 10.2 software release.

Staff added the Round 8.2 TAZ-level Cooperative Forecasts to the GIS spatial data library.

Staff completed work on the extraction, creation and organization of NAVTEQ data received from our vendor for Q2 2013.

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

Staff met with the DTP Alternative Commuter Programs Director and other Commuter Connections team members to discuss ways to improve ride matching services using enhanced ArcGIS Desktop and Server technology.

Staff developed a methodology, using the ArcGIS Network Analyst, to improve the accuracy of potential commuter ride matches for applicants to the Commuter Connections program.

Staff planned and participated in the July 23rd GIS Committee meeting on the NCR GDX Strategic Plan. Staff reviewed the Strategic Plan with members of the Executive Committee prior to the full GIS Committee meeting.

Staff participated in FHWA-sponsored webcasts on "BTS' Geographic Information Services" and on using spatial data technologies for "Innovative Sign Inventory and Management".

Staff attended the August Maryland State Geographic Information Committee (MSGIC) meeting to increase GIS coordination among COG and state and local government agencies in Maryland. Topics discussed at this meeting included a discussion of the new capabilities in the new ArcGIS 10.2 software release and some of its potential impacts on users.

C. Models Development

With the TPB's approval of the Air Quality Conformity Determination of the 2013 CLRP on July 17, the Version 2.3.52 Travel Model was adopted as the official travel forecasting process for the Washington region. During July and August staff completed the preparation of a model transmittal package for TPB member agencies interested in obtaining the Version 2.3.52 travel model for project planning work. The transmittal package includes the application files and model inputs for all scenarios studied as part of the recent air quality study. Staff serviced six requests for the model during August. Note that the Version 2.3.52 User's Guide was not completed in August but will be available in early September.

The Travel Forecasting Subcommittee (TFS) convened on July 19. The TFS was informed of the approval of the Version 2.3.52 model. TPB staff presented on recently completed documentation describing the travel model validation effort. Staff also presented on work that was undertaken (at WMATA's request) to evaluate the performance of a past transit ridership forecast. AECOM presented draft documentation describing the results of task order activities that were undertaken during FY 2013. (The TFS was asked to review and comment on the draft report).

On August 12, AECOM was authorized to begin work on developing alternate ways to develop zonal transit walk shed data which is an input to the existing mode choice model. This file is currently developed using an "off-line" process that occurs prior to the running of the model. AECOM will investigate ways in which the process may be integrated within the regular model stream.

TPB staff listened in on a July 25 TMIP Webinar focused on Activity-Based modeling work that has been recently undertaken by the Houston-Galveston Area Council. Staff also participated in a workshop at the Baltimore Metropolitan Council (BMC) on August 6 focusing on proposed Activity-Based model development plans at that agency. BMC has asked TPB staff to be actively engaged throughout the planned three-year development process.

During July and August, TPB staff responded to a variety of technical data requests, including the following:

- Year-2010 traffic count data was provided at the request of by Loudoun County staff.

- Average trip length data was provided at the request of a consultant working for the City of Falls Church.
- Loaded highway networks for the years 2007, 2013, 2017, 2020, 2030, & 2040, was provided at the request of NVDOT.
- TPB staff responded to U.S. DOT questions relating to the TPB's regional travel model at the request of a consultant working in Northern Virginia.

D. Software Support

Staff contacted Citilabs to discuss a traffic volume mismatch issue in select link analysis, and coordinated with the travel demand model development team on the issue. Staff explored the R software package, popular open-source statistical software with an eye towards improving the method of integrating data from different sources.

5. **TRAVEL MONITORING**

A. Cordon Counts

Staff reviewed the final rail count data from WMATA. Staff began processing and tabulating the cordon count data collected during FY 13 and began preparing the cordon count technical report.

B. Congestion Monitoring and Analysis

Staff had a conference call meeting with a FHWA consultant and briefed them on COG's congestion monitoring program. The briefing included details on the freeway aerial photo survey, the arterial travel time, use of vehicle probe data in our analysis and the congestion Dashboard.

New performance measures to evaluate the arterial highway system performance were developed and the 2012 INRIX data was used to test these new measures.

A draft technical memorandum on the new performance measures was developed to be presented to the MOITS subcommittee in September.

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 began preparations for the processing of the 5-year Census Transportation Planning Product data for the TPB modeled area.

D. Regional Transportation Data Clearinghouse (RTDC)

Staff responded to requests for RTDC access from the WMATA Office of Planning, the City Greenbelt and two transportation consultants engaged in planning studies for DDOT and VDOT.

Staff updated the RTDC User's Guide documentation to include the additional functionality now available in the RTDC application as a result of the Flex viewer upgrade completed in June.

Staff responded to several technical support questions relating to the use of the RTDC Flex viewer application.

Staff continued work on incorporating the regional HPMS geospatial database into the RTDC and prepared an analysis of historical hourly counts at HPMS permanent counting stations throughout the region.

Staff continued work on calculating INRIX derived speeds on COG/TPB highway network links.

Staff received and began to process 2012 AADT/AAWDT and hourly traffic counts from VDOT.

Staff responded to follow-up questions from the District Department of the Environment on historic VMT data for the District and the region.

Staff participated in a webinar concerning the National Performance Management Research Data Set (NPMRDS) and its products that will become available in September 2013.

6. TECHNICAL ASSISTANCE

A. **DISTRICT OF COLUMBIA**

1. Program Development, Data Requests & Miscellaneous Services

No work activity during the reporting period.

2. Traffic Counts and HPMS Support

Staff prepared the draft agenda for the August HPMS Coordinating Committee meeting, participated in this meeting and drafted the meeting summary for this meeting.

Staff reviewed 34 three-day volume counts and 5 seven-day classification counts submitted by the traffic counting contractor for this project. Staff accepted all the classification counts and all, but two of the

volume counts. Staff requested the contractor to re-count and re-submit the two traffic counts that were not accepted.

Staff processed and reviewed with the HPMS Coordinating Committee the Traffic.com continuous traffic counts collected on DDOT Interstate and freeway sections from January 1, 2013 through July 31, 2013.

Staff began the annual review of DDOT's Traffic Monitoring and HPMS Program technical documentation and suggested a process for updating this documentation.

Staff attended DDOT Permanent Count Station Project Training on July 30th and 31st.

Staff contacted FHWA and obtained access to HPMS and TMAS 2 through UPACS.

Staff responded to a DDOT question involving CY2012 AADTs for a specific ramp configuration.

Staff transmitted Single Unit and Combination Truck AADT volume estimates from the 2012 HPMS submission and 13 HPMS classification counts to the contractor developing DDOT's freight plan.

3. Bicycle Counts

Staff transmitted the final spring count report to 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.

B. MARYLAND

1. Program Development /Management

No work activity during the reporting period.

2. Project Planning Studies

No work activity during the reporting period.

3. Feasibility/Special Studies

Staff prepared networks and executed travel demand model runs for a combined Veirs Mill Rd/Georgia Ave system scenario in which both BRT alignments were modeled. Staff documented the results and transmitted the appropriate files and summaries to MDSHA.

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.

C. VIRGINIA

1. Data/Documentation Processing

Staff updated work scopes for FY 14 projects.

2. Travel Monitoring and Survey

Staff tabulated the spring bicycle and pedestrian counts. Staff prepared and transmitted a summary travel monitoring report containing all vehicle data from last fall and spring.

3. Travel Demand Modeling

Staff responded to VDOT requests to review consultant forecasts for the improved northern terminus of the 495 Express Lanes, and a VDOT consultant request to provide forecasts for the Beltway for noise analysis.

4. Regional and Sub-Regional Studies

Staff began incorporating VDOT comments and changes to the I-66 BOS pilot final planning report. Staff prepared an initial draft scope of work for

the regional bus staging and layover location study and presented it to project stakeholders and the Regional Bus Subcommittee. Staff continued work on the HB 599 congestion baseline report and transmitted a draft for VDOT review. Staff worked 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 met with WMATA to discuss the survey design and schedule for the 2014 Metrobus Passenger Survey. Staff also prepared a proposed sampling plan for the 2014 survey and reviewed the proposed survey questionnaire.

Staff also prepared a draft Memorandum of Understanding (MOU) between COG and WMATA on the conduct and funding of 2014 Metrobus Passenger Survey.

7. CONTINUOUS AIRPORT SYSTEM PLANNING (CASP) PROGRAM

A. CASP 27

1. Ground Access Element Update (Phase2)

Staff continued work on the accessibility analysis and demand analysis for the Phase 2 report. Staff provided a project status update at the July 25 meeting of the Aviation Technical Subcommittee.

2. Process 2011 Air Passenger Survey (Phase 2)

No work activity during the reporting period.

3. Update Ground Access Forecast (Phase 1)

Staff prepared the draft Phase 2 report and presented it to the Aviation Technical Subcommittee at the July 25th meeting.

8. **SERVICES/SPECIAL PROJECTS**

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

July/August 2013

	BUDGET TOTAL	FUNDS EXPENDED	% FUNDS EXPENDED
1. PLAN SUPPORT			
A. Unified Planning Work Program (UPWP)	70,700.00	8,165.44	12%
B. Transportation Improvement Program (TIP)	240,600.00	21,399.61	9%
C. Constrained Long-Range Plan	588,400.00	64,194.52	11%
D. Financial Plan	64,000.00	1,959.69	3%
E. Public Participation	421,900.00	86,588.12	21%
F. Private Enterprise Participation	18,300.00	0.00	0%
G. Annual Report	80,100.00	14,280.39	18%
H. Transportation / Land Use Connection Program	395,000.00	16,909.94	4%
I. DTP Management	450,700.00	45,877.78	10%
SUBTOTAL	2,329,700.00	259,375.49	11%
2. COORDINATION PLANNING			
A. Congestion Management Process (CMP)	205,000.00	5,832.32	3%
B. Management, Operations & ITS Planning	340,300.00	43,296.08	13%
C. Emergency Preparedness Planning	75,400.00	8,277.48	11%
D. Transportation Safety Planning	125,000.00	13,475.49	11%
E. Bicycle and Pedestrian Program	108,700.00	17,963.06	17%
F. Regional Bus Planning	100,000.00	11,169.46	11%
G. Human Service Transportation Coordination Planning	114,800.00	16,538.00	14%
H. Freight Planning	150,000.00	23,748.53	16%
I. MATOC Program Planning & Support	120,000.00	13,740.67	11%
SUBTOTAL	1,339,200.00	154,041.09	12%
3. FORECASTING APPLICATIONS			
A. Air Quality Conformity	563,200.00	97,960.54	17%
B. Mobile Emissions Analysis	640,100.00	87,975.37	14%
C. Regional Studies	516,300.00	71,443.17	14%
D. Coord. Cooperative Forecasting & Trans Planning	806,800.00	102,377.21	13%
SUBTOTAL	2,526,400.00	359,756.29	14%
4. DEVELOPMENT OF NETWORKS AND MODELS			
A. Networks Development	769,700.00	72,737.80	9%
B. GIS Technical Support	648,800.00	101,502.95	16%
C. Models Development	1,071,200.00	112,294.16	10%
D. Software Support	178,900.00	36,079.81	20%
SUBTOTAL	2,668,600.00	322,614.72	12%
5. TRAVEL MONITORING			
A. Cordon Counts	250,800.00	29,362.12	12%
B. Congestion Monitoring and Analysis	440,000.00	41,620.29	9%
C. Travel Survey and Analysis			
Household Travel Survey	1,136,300.00	41,299.88	4%
D. Regional Transportation Clearinghouse	317,900.00	45,518.02	14%
SUBTOTAL	2,145,000.00	157,800.30	7%
SUBTOTAL CORE PROGRAM ITEMS 1-5	11,008,900.00	1,253,587.90	11%
6. TECHNICAL ASSISTANCE			
A. District of Columbia	302,604.00	14,430.55	5%
B. Maryland	898,024.00	42,063.35	5%
C. Virginia	767,718.00	53,324.82	7%
D. WMATA	201,200.00	16,049.50	8%
SUBTOTAL	2,169,546.00	125,868.25	6%
TPB GRAND TOTAL	13,178,446.00	1,379,456.13	10%

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

July/August 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	13,822.95	21,726	1,278	213,274	12,545.01
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
SUBTOTAL	302,604	14,430.55	27,976	1,334	274,628	13,096.44
B. Maryland						
1. Program Development/Management	30,000	1,382.71	2,774	128	27,226	1,254.87
2. Project Planning Studies	180,000	25,703.03	16,641	2,376	163,359	23,326.76
3. Feasibility/Specials Studies	270,000	12,497.30	24,962	1,155	245,038	11,341.91
4. Transportation Performance Measures	168,000	2,480.33	15,532	229	152,468	2,251.02
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	0.00	14,792	0	145,208	0.00
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	42,063.35	83,023	3,889	815,001	38,174.57
C. Virginia						
1. Data/Documentation processing	15,000	981.57	1,387	91	13,613	890.82
2. Travel Monitoring Survey	150,000	21,916.09	13,868	2,026	136,132	19,889.93
3. Travel Demand Modeling	50,000	910.76	4,623	84	45,377	826.56
4. Regional and Sub-Regional Studies	552,718	29,516.40	51,099	2,729	501,619	26,787.58
5. Other Tasks to be Defined	0	0.00	0	0	0	0.00
SUBTOTAL	767,718	53,324.82	70,976	4,930	696,742	48,394.90
D. WMATA						
1. Program Development	5,000	569.95	5,000	570	0	0.00
2. Miscellaneous Services	5,000	0.00	5,000	0	0	0.00
3. Bus Passenger Counts for 2013 Central Employment Area Cordon Count	191,200	15,479.55	191,200	15,480	0	0.00
4. Geocode and Tabulate Jurisdiction of Residence for 2012 Rail Passenger Survey	0	0.00	0	0	0	0.00
5. Human Services Transportation Study	0	0.00	0	0	0	0.00
SUBTOTAL	201,200	16,049.50	201,200	16,049	0.00	0.00
GRAND TOTAL	2,169,548	125,868.23	383,175	26,202	1,786,371	99,665.91