

FY 2013

**NATIONAL CAPITAL REGION
TRANSPORTATION PLANNING BOARD (TPB)
WORK PROGRAM PROGRESS REPORT
JULY & AUGUST 2012**

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 2012 UPWP. Activities under the FY 2013 UPWP began on July 1, 2012.

On July 18, 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. A report included with the statement documents the implementation of the recommendations and FAMPO corrective actions included in the May 2011 FHWA and FTA report on the certification review of the transportation planning process for the Washington TMA.

B. Transportation Improvement Program (TIP)

On July 6, the TPB Steering Committee approved one amendment to the FY 2011-2016 TIP to include additional funding for three projects: Branch Avenue Metro Access – Phase 2, BRAC Intersections near Joint Base Andrews, and Reconstruction of MD 223, as requested by the Maryland Department of Transportation.

TPB staff processed administrative modifications to the FY 2011-2016 TIP for five projects in July at the request of MDOT.

On July 18, the TPB approved the FY 2013-2018 TIP.

C. Constrained Long-Range Plan (CLRP)

The public comment period on the draft 2012 CLRP and the Air Quality Conformity Analysis closed on July 14. TPB staff consulted with member agencies to develop responses to the comments that were received.

At the July 18 meeting, the TPB approved the 2012 CLRP and the related Air Quality Conformity Analysis.

During the months of July and August, TPB staff worked on the performance analysis of the 2012 CLRP in preparation for a summary brochure. This included analyses of population and employment growth, changes in travel patterns, congestion and job accessibility.

D. Financial Plan

No work activity during the reporting period.

E. Public Participation

Staff analyzed the already completed public outreach related to the Regional Transportation Priorities Plan (RTPP) and prepared for RTPP outreach this fall. Following a major citizen forum on June 2, staff focused its energies on summarizing the findings of that event and revising the RTPP Draft Interim Report to reflect public input to date. Staff also determined that the next stage of outreach should be a survey of a wide sample of citizens to determine their attitudes about which strategies (near-term, ongoing and long-term) they consider to most beneficial, and to see how the public might want to pay for them. Metroquest, a web-based public involvement tool, will be used to conduct this survey of 600 randomly selected individuals. In August, COG contracted with Envision Sustainability Tools, the firm that developed and owns the Metroquest product, to develop a web-based survey instrument for the RTPP. This tool will also be used for public discussion and engagement in the winter and spring. Staff proceeded with the development of content for Metroquest and conducted intensive discussions with the consultants about the site's design.

Throughout July and August, staff wrote content for a new web-based clearinghouse site called the Information Hub on Transportation Planning Activities. Staff also worked to refine the site's design. This site will serve as a one-stop-shop for activities conducted by the TPB's member jurisdictions throughout the region. It will include information on the planning processes of the TPB's members, high-profile projects, and links to documents and resources. Staff anticipates the site will be launched on a trial basis at the end of October.

The CAC's meeting on July 12 included a briefing on the recommended projects under the FY 2013 TLC Program, a brief progress report on development of an online clearinghouse of transportation planning activities in the region, and an update on recent public outreach related to the Regional Transportation Priorities Plan (RTPP).

Access for All Advisory Committee

Staff prepared for the Access for All Advisory Committee meeting held on July 26. Staff invited WMATA representatives to speak on emergency procedures for people with disabilities and those with limited English skills on Metrorail and MetroAccess. Staff prepared a presentation on the development of the Regional Transportation Priorities Plan. The committee was also updated on the changes to Job Access and Reverse Commute (JARC) and New Freedom Programs in MAP-21.

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. Eight TPB Weekly Reports were published.

H. Transportation / Land Use Connection Program (TLC)

The process for initiating FY2013 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 14. 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.

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 in July and August:

- The DTP Director gave a presentation to a joint meeting of the Fairfax County and Montgomery County Boards on traffic challenges on the American Legion Bridge.
- The DTP Director participated in a meeting of the Northern Transportation Air Quality Summit (NTAQS) in Philadelphia, and gave two presentations on the effects on mobile emissions estimates of ageing of the vehicle fleet and the new EPA MOVES model.

2. COORDINATION PLANNING

A. Congestion Management Process (CMP)

- Staff revised the draft 2012 CMP Technical Report based on the comments received from the Management, Operations, and Intelligent Transportation

Systems (MOITS) Technical Subcommittee and presented the revised draft to the MOITS Subcommittee on its July 10 meeting.

- Staff presented the revised draft report to additional TPB subcommittees for review and comments, including the Commuter Connections Subcommittee on its July 17 meeting, the Travel Forecasting Subcommittee on its July 20 meeting, and the Freight Subcommittee on its July 12 meeting (for congestion related findings only).
- Staff researched on the use of appropriate performance measures for highway performance assessment and proposed a hierarchical structure of performance measures to be used in future analysis.
- Staff researched on the standardized data processing of the private sector probe-based traffic data and identified the causes of some inconsistencies observed in the data. Staff notified pertinent agencies and improvements are underway.

On August 16, staff monitored the webinar “Results from the National Online Dialogue on Improving Transportation Performance” offered by the FHWA.

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

- Staff prepared for and conducted the July 10, 2012 regular meeting of the MOITS committees. Topics included the draft Congestion Management Process Technical Report (see also Item 2.A.), the just-completed *Multimodal Coordination for Bus Priority Hot Spots* study undertaken through the Technical Assistance program of the UPWP (see also Item 2.F.), and traffic signal power back-up systems.
- Analysis continued regarding the topic of traffic signal power back-up systems. Staff continued compiling key information from member agencies on power back-ups along emergency routes. Staff developed and conducted new surveys of the region's signals agencies regarding power back-ups in general, and on impacts of the June 29, 2012 "Derecho" windstorm that knocked electric power out to a large number of the traffic signals in the region. Information from these efforts was presented and discussed at the July 10 meeting of the MOITS Traffic Signals Subcommittee, in anticipation of further discussions and presentations to the September 11 MOITS and Traffic Signals Subcommittee meetings, as well as to the COG Incident Management and Response Steering Committee on October 17. Staff also participated in a meeting of the Northern Virginia Traffic Signal Managers at the Virginia Department of Transportation in Fairfax on August 7.
- 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 participated in a meeting of the Association of Metropolitan Planning Organizations (AMPO) Operations Work Group on July 23 and 24 in New York City, exchanging information on MOITS-related topics.
- Staff provided a briefing on MOITS activities to a meeting of Maryland State Highway Administration District Engineers, August 2 in Hanover, Maryland.
- Staff participated in a U.S. Department of Transportation longitudinal study of Maryland ITS activities, August 29 in Hanover, Maryland.

C. Transportation Emergency Preparedness Planning

The Regional Emergency Support Function #1 (RESF-1) Emergency Transportation Committee met on July 18th. The committee received a briefing from RESF1 UASI representatives on the requested presented by the regional emergency management leadership during the previous UASI meeting. The regional emergency management leadership recommended a table top evacuation exercise. The consensus behind the exercise was regional needs change often, and therefore an update on resources and procedures is required. A working group from RESF1 will participate in agenda setting later this summer; the group will focus on different agency transportation plans working together.

Staff provided support for preparation and follow-up to this meeting, ongoing participation of RESF-1 representatives in the UASI decision process, and ongoing emergency transportation planning/RESF-1 efforts.

D. Transportation Safety Planning

- Staff compiled and analyzed fatality and injury data for multiple transportation safety emphasis areas in the Safety Element of the Constrained Long-Range Plan, and prepared a powerpoint, and presented the results to the TPB Technical Committee at its July 6th meeting, and to the Bicycle and Pedestrian Subcommittee at its July 17th meeting.
- Staff reviewed the Transportation Safety Planning provisions of MAP-21.
- Staff briefed the new Street Smart consultant on transportation safety in the Washington region, and provided original data sources.

E. Bicycle and Pedestrian Planning

- At its July 17th meeting staff briefed the bicycle and pedestrian subcommittee on the bicycle and pedestrian provisions of MAP-21, in particular the possibility of TPB as the Metropolitan Planning Organization for the Washington region administering a regional competitive process for the newly created "Transportation Alternatives" program, which includes funding for projects formerly known as "Enhancements", as well Safe Routes to School.

- Staff also briefed the Subcommittee on the regional Complete Streets policy as adopted by the Transportation Planning Board on May 16th, and the short and medium term follow-up actions to that policy that needed input from the Subcommittee. These included a Complete Streets policy survey, a draft of which was distributed to the Subcommittee, with a request for comments by August 15. Staff revised the survey based on those comments.
- Huijing Qiang briefed the Subcommittee on Regional Transportation Safety, including a discussion of the various safety emphasis areas in the Safety Element of the Constrained Long-Range Plan, including long-term trends in pedestrian and bicyclist deaths and injuries.
- Staff compiled a list of top priority unfunded bicycle and pedestrian projects, to be approved by the bicycle and pedestrian subcommittee at its September meeting.
- Staff researched the bicycle and pedestrian provision of the new federal transportation law, MAP-21, and attended webinars on MAP-21.

F. Regional Bus Planning

The Regional Bus Subcommittee did not meet during the summer. TPB staff presented the results of the *Multimodal Coordination and Bus Hot Spots* study (part of the FY 2012 UPWP Technical Assistance program) at the TPB Technical Committee in July. Pursuant to a request at the July TPB meeting for establishment of a task force to study Bus On Shoulders (BOS) feasibility in the region, staff began development of the prospective membership and a work plan for the task force.

TPB staff participated in NVTC's development of a Request for Proposals (RFP) for technical assistance to conduct an FTA Alternatives Analysis for VA-7 (Leesburg Pike). This analysis would assess the potential for high-quality transit along this corridor, which stretches across four member jurisdictions and could impact the TPB's TIGER project in the corridor. TPB staff briefed the Traffic Signals Subcommittee on the efforts taking place in the region on Transit Signal Priority (TSP) technology.

G. Human Service Transportation Coordination

Staff finalized the fall meeting schedule of the Human Service Transportation Coordination Task Force and provided an end of summer update to the Task Force.

H. Freight Planning

July 2012

- Staff coordinated the July 12 Freight Subcommittee meeting.
- Staff coordinated with Federal Railroad Association and its consultants to prepare for the August 21 Northeast Corridor public outreach event.
- Staff supported DDOT with their FHWA Off-Hours Delivery Pilot grant application via a TPB letter of support.
- Staff met with two members of the Brotherhood of Locomotive Engineers regarding preparation for a September 2012 meeting.
- The July 2012 *Focus on Freight* e-newsletter was prepared and distributed.
- Staff participated in the ongoing Regional Transportation Priorities Plan (RTPP) materials development for the Interim Report 2 and related presentation.

August 2012

- Staff organized logistics to host the Federal Railroad Administration's August 21 Northeast Corridor scoping meeting.
- Staff participated in the August 15 Federal Highway Administration Talking Freight Webinar.
- Staff coordinated and participated in the August 22 Council of Supply Chain Management Professionals meeting about Nationals Ball Park logistics.
- Staff prepared TPB News Article on MAP-21. Staff provided content for a TPB Weekly on MAP-21.
- Staff participated and contributed to the COG legislative and policy priorities discussion with David Robertson and Nicole Hange.
- The August 2012 *Focus on Freight* e-newsletter was prepared and distributed.
- Staff participated in the ongoing Regional Transportation Priorities Plan (RTPP) materials development for the fall web outreach.

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 a number of MATOC activities in July and August 2012, including meetings of the MATOC Steering Committee on July 13 and August 10; meetings of the MATOC Information Systems Subcommittee, Roadway Operations Subcommittee, and MATOC Transit Task Force on July 26 and August 23; and a meeting of the MATOC Severe Weather Working Group on July 16. 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

Staff addressed comments received during the public comment period. TPB approved the Air Quality Conformity analysis of the 2012 CLRP/FY2013-2018 TIP at its July meeting. Staff finalized the full conformity report, posted it online, and forwarded copies of the report to FHWA for approval, to EPA and state and local agencies.

In response to the final ruling with respect to the 2008 Ozone NAAQS by EPA and the subsequent redesignation of the Washington region as a marginal non attainment area, staff reviewed EPA regulations/guidance, and subsequently developed a Scope of Work to complete another year of analyses – 2015 the attainment year for Ozone – as part of the 2012 CLRP/FY2013-18 TIP Air Quality Conformity Determination.

Another cycle of Air Quality Conformity analysis started with staff updating the conformity section of the Call For Projects document and developing a schedule for the new cycle. Staff prepared a listing of detailed transit coding assumptions for projects in the 2013 CLRP for distribution to the Technical Committee, whose members were asked to provide inputs so they would be reflected in the 2013 CLRP coding.

In accordance with TPB consultation procedures, staff forwarded to the consultation agencies and public advisory committees the meeting agenda and a summary memo regarding the monthly TPB meeting and air quality conformity consultation elements.

Staff also completed the following:

- Drafted a letter commenting on the 2012 CLRP/2013-18 TIP Air Quality determination on behalf of MWAQC, and integrated feedback and comments from the state transportation and air agencies into the final draft. MWAQC Executive Committee signed off on it and forwarded it to TPB.
- Staff facilitated logistical details in scheduling two conference calls with state transportation and air agencies to discuss the pending issues associated with the mobile budgets for NOx and PM2.5 in the PM2.5 Maintenance Plan. Staff prepared meeting minutes and assembled other pertinent documentation and facilitated the discussions.
- Staff researched the new transportation conformity guidance rules recently released by EPA for the 2008 ozone standard and attended the July TPB and TPB-Tech meetings.

B. Mobile Emissions Analysis

- Staff prepared MOVES input data, executed a series of MOVES runs and summarized results for annual and ozone day for 2012 CLRP as part of sensitivity analyses. Staff also prepared MOVES inputs for the analysis of CO2 emissions, executed MOVES runs for years 2007 and 2030 models, and summarized the results.
- Staff researched the new transportation conformity guidance rules recently released by EPA for the 2008 ozone standard and attended the July TPB and TPB-Tech meetings. Staff subsequently began the development of emission rates MOVES runs as part of the year 2015 analyses which will become part of the 2012 CLRP/FY 2013-18 TIP Air Quality Conformity Determination. This supplemental work was necessitated by the new Ozone NAAQS and the redesignation of the Washington region as marginal non attainment for ozone.
- Staff started reviewing the current list of Transportation Emission Reduction Measures (TERMs). The review thus far consisted of separating the current TERMS of the tracking sheet into three categories: (1) active TERMS, (2) inactive ones, which would be candidates for purging, and (3) TERMS whose inclusion or purging requires further research and analysis. The work will continue in the months ahead with the development of a methodology to assess the likely emissions reductions from the remaining active TERMS using MOVES as the quantitative tool (where applicable).
- Staff drafted a letter commenting on the 2012 CLRP/2013-18 TIP Air Quality determination on behalf of MWAQC, and integrated feedback and comments from the state transportation and air agencies into the final draft. MWAQC Executive Committee signed off on it and forwarded it to TPB.

- Staff facilitated logistical details in scheduling two conference calls with state transportation and air agencies to discuss the pending issues associated with the mobile budgets for NOx and PM2.5 in the PM2.5 Maintenance Plan. Staff prepared meeting minutes and assembled other pertinent documentation and facilitated the discussions.

C. Regional Studies

Regional Transportation Priorities Plan

In July and August, staff presented Interim Report 2 to the TPB at its July meeting. The report recapped the accomplishments from January – June 2012 and set forth a proposal for moving forward with the development of the RTPP over the next 6 months. The report contained a more comprehensive and refined set of RTPP materials (goals, challenges, and strategies) and suggested that the next step of public outreach should utilize a web-based tool to survey a wide sample of citizens to determine their attitudes about which strategies (near-term, ongoing, and long-term) they consider to be most beneficial, and to see how the public might want to pay for them. TPB members were encouraged to submit comments on the materials and public outreach approach. After the comment period closed on August 15, staff incorporated the feedback and made further refinements to the descriptions of the goals, challenges, and strategies.

Work also continued on conceptualizing and preparing the benefit cost analysis for the proposed strategies. In August, a contract was executed with HDR, Inc to provide advisory support in the development of a benefit cost analysis. In September, work will continue on preparing the RTPP content for inclusion in the web-based tool.

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 the reporting period.

D. Coordination Cooperative Forecasting & Transportation Planning

Staff continued to review the proposed Regional Activity Centers and further discuss proposed analysis geographies for these centers with local jurisdiction planning staffs. Staff emphasized that the geographies for these centers must map to the TPB 3722 Transportation Analysis Zone (TAZ) system and that if the analysis geography splits any existing 3722-TAZ, then the local planning staffs

will need to provide household, population and employment forecasts for each split of the TAZ.

Staff continued the review of ES-202 employment data for the Maryland jurisdictions in the metropolitan region and initiated procurement of ES-202 employment data for Northern Virginia jurisdictions.

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

Staff prepared a 2191-TAZ version of the adopted Round 8.0A Cooperative Forecasts for Montgomery County and Maryland State Highway Administration planning staff.

4. DEVELOPMENT OF NETWORK / MODELS

A. Network Development

Staff completed a validation of existing (2012) transit network route alignments against those included in the publically available transit (GTFS) data. Staff continued the update of the base year (2010) highway network in advance of a planned travel model validation. Staff has obtained federal functional classification data from the state DOTs as a basis for evaluating and refining facility types in the highway network. Staff has also refined zonal access connections in the highway network. The transit and highway network refinement will be incorporated into the 2013 CLRP transportation networks.

B. GIS Technical Support.

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

Staff continued to work with Esri to resolve the issue in displaying secure map services in ArcGIS.com.

Staff researched the 'forced checking' functionality in the ArcGIS license manager to determine the possibility of utilizing it for user/license management.

Staff obtained and installed ArcGIS Desktop 10.1 software on a test workstation for evaluation purposes.

Staff worked on preparing for the silent installation of ArcGIS Desktop 10.1 software select user machines.

Staff prepared the agenda and meeting materials for the 31st July COG GIS Committee meeting. At the meeting, staff participated in discussions on the

project update and governance of the National Capital Region Geospatial Data Exchange project (NCR GDx).

Staff participated in the steering committee meeting for the NCR GDx that discussed proposed governance recommendations for the NCR GDx.

Staff managed logistics for and participated in the National Capitol Region Geospatial Data Exchange (NCR GDx) Charter Review collaborative meeting which brought together professionals from multiple disciplines from across the region to establish the governance recommendations for the NCR GDx.

Staff responded to a data request from a consultant working for MTA on the Purple Line Project for the TPB 3722 zone system Transportation Analysis Districts (TAD) dataset.

Staff assisted Prince George's County planning staff with advice and data relating to intersection density as a measure of pedestrian walkability.

Staff produced maps of the 2010 Census Urbanized Area for Prince William and Loudoun Counties for use in their planned update to the Federal Functional Classification of Virginia's Roadways.

Staff produced maps of the Virginia traffic counting locations by year for use in planning a Virginia Technical Assistance project.

Staff attended the Esri International User Conference in San Diego and presented a paper on TPB's web mapping capabilities and plans at this conference.

Staff attended an invitation-only training session on installing and configuring ArcGIS Server 10.1, held at Towson University.

Staff attended the August MSGIC Quarterly meeting to increase GIS coordination among COG and state and local government agencies in Maryland.

C. Models Development

As the consultant-assisted project used to support the TPB's travel modeling practices was completed at the end of FY 2012, the consultant, AECOM, delivered its year-end report in early July. The report summarizes results of six tasks that were authorized by TPB staff during FY 2012. TPB staff has begun implementing some of the enhancements recommended by the consultant to the existing Version 2.3 travel model. Some of the enhancements are aimed at reducing the model's lengthy computation time, which is viewed as a high-priority objective by staff.

The Travel Forecasting Subcommittee (TFS) convened on July 20. The agenda items included presentations on AECOM's FY 2012 work tasks and a status report on the Version 2.3 travel model.

The Association of Metropolitan Planning Organizations (AMPO) study on Activity Based (AB) modeling experiences was completed and the end of FY 2012. TPB staff, along with MPO representatives from Chicago and Boston, actively served on the steering committee of the study, which will be useful to other MPO's considering an AB modeling implementation. Ron Milone of the TPB staff presented the primary findings of the study to the TPB Technical Committee on July 6.

TPB staff responded to thirteen technical data requests during the July-August period. Many of the requests were of the latest Version 2.3 travel model (Version 2.3.39), which supported the air quality analysis of the 2012 CLRP and FY 2013-18 TIP. (The technical air quality analysis was approved by the TPB in July).

TPB staff members attended three Travel Modeling Improvement (TMIP) webinars on Activity Based travel modeling on July 19, August 9, and August 30.

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.

5. TRAVEL MONITORING

A. Cordon Counts

Staff began development of the work plan for the Spring 2013 Central Employment Area Cordon Counts.

B. Congestion Monitoring and Analysis

Staff is undergoing training on analyzing INRIX data which will be used to analyze the regional arterial highway system performance in FY 2013. The training involves integrated use of GIS and SAS data sets of the INRIX data. Staff attended the Traffic Incident Management for the Baltimore Region (TIMBR) meeting at the MDSHA Hanover complex in the month of August. Staff met with representatives of VEOLIA transportation to discuss their experience in implementing active traffic management program in Lyon France. Staff is analyzing the arterial highway system performance using INRIX data.

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

Staff reviewed the overall results from the spring 2012 TPB Geographically-Focused Household Travel Survey recruitment and retrieval interviews with the survey contractor and recommended some modifications to the interview scripts to in response to some suggestions/complaints received from survey respondents.

Staff prepared the household address sample for the fall 2012 household travel survey.

Staff performed an initial review of the spring 2012 household travel survey household, vehicle, person and location data file delivered by the survey contractor in August.

The survey contractor requested a 30% increase in project budget to conduct the fall 2012 household travel survey. Staff conducted a detailed review of the spring 2012 recruitment and retrieval survey interviewing and concluded that the current project budget was adequate to conduct the fall 2012 survey. Staff and the contractor discussed various options to reduce projected survey costs, but none of these options proved acceptable to either party. Thus, it was decided to re-bid the survey contract in the fall of 2012 and to conduct the planned survey interviewing in spring 2013 instead of the fall of 2012. Although this contract re-bid will delay data collection by approximately 6-months, all survey data collection will still be completed within in FY 2013.

D. Regional Transportation Data Clearinghouse

Staff completed the migration of all current widgets used in the TPB Regional Transportation Data Clearinghouse to work with the version 3.0 Viewer.

Staff began work on new geoprocessing widgets to be used with the Regional Transportation Data Clearinghouse to enable users to download Clearinghouse data.

Staff completed a second draft of the user's guide for the web-based Transportation Data Clearinghouse user-interface.

New staff hired in July began review of the Regional Transportation Data Clearinghouse web-application and documentation and offered suggestions for the final draft of the User's Guide.

Staff received a current Functional Classification GeoDatabase from Virginia, and began the process of establishing linkages between that file and the Regional Transportation Data Clearinghouse.

Staff requested 2011 annualized traffic volume estimates and directional hourly counts from Maryland and Virginia.

Staff received 2011 AADT and AAWDT estimates and directional hourly counts from Maryland.

Staff began the process of adding Maryland 2011 AADT and AAWDT estimates to the Regional Transportation Data Clearinghouse database that is linked to the TPB highway network used for transportation modeling.

Staff extracted historical hourly traffic counts from the Regional Transportation Data Clearinghouse for use by the task force examining potential improvements for commuters and other persons traveling between Fairfax and Montgomery Counties across the American Legion Bridge.

6. TECHNICAL ASSISTANCE

A. DISTRICT OF COLUMBIA

1. Program Development, Data Requests & Miscellaneous Services

Staff met with DDOT to refine work scopes for FY13 technical assistance projects.

2. Traffic Counts and HPMS Support

Staff prepared the draft agenda for the August and September HPMS Coordinating Committee meeting, participated in these meetings and drafted the meeting minutes for the August HPMS meeting.

Staff processed the 64 ramp counts and 11 volume counts performed by the traffic count contractor in June.

Staff processed and reviewed with the HPMS Coordinating Committee the Traffic.com continuous traffic counts collected from January 1, 2012 through June 30, 2012.

Staff began development of the technical documentation for DDOT's Traffic Monitoring Program and reviewed an outline for this document with the HPMS Coordinating Committee.

3. Bicycle Counts

Staff completed the processing of bicycle counts collected at the end of FY12 and transmitted the counts to DDOT.

4. Weigh In Motion (WIM) Station Analysis

No work activity during the reporting period.

5. Peak Period Street Restrictions Inventory

Staff began review of data on peak period street restrictions.

6. Other tasks yet to be defined

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

In response to a request from MD SHA, staff continued working on the Veirs Mill Road and Georgia Avenue multi-modal studies. In this stage of the study, staff reviewed inputs, coded networks, and executed travel demand modeling work for 2007 Validation, 2040 No Build, and associated 2040 latent demand sensitivity tests. The analysis incorporated the most recent 2012 CLRP assumptions. Upon completion of travel demand modeling work, staff documented the Validation and 2040 No Build results and transmitted them along with the appropriate network files to MD SHA. Validation results were also shared with MD SHA staff at the July MD SHA / TPB coordination meeting.

4. Transportation Performance Measures

Staff continued to evaluate measures of effectiveness for the study as specified in the study scope of work scope by conducting accessibility analyses, summarizing travel volume and volume/capacity ratios, calculating tolls and travel time, and estimating origin and destination trip patterns among travel markets. A technical report was drafted and the key findings were presented to MD SHA representative on July 20, 2012. Subsequently to this meeting, additional analyses were undertaken at the request of MD SHA and staff is currently working on these supplemental analyses. They consist of: comparisons of land uses, a

map revision, VMT and VHT calculations for the study area, and criteria pollutants calculation. The draft technical report is undergoing editorial changes to reflect the supplemental analyses' findings.

5. Training/Miscellaneous Technical Support

No work activity during the reporting period.

6. Statewide Transportation Model Support

In response to an MD SHA data request pertaining to the Statewide Model, staff prepared, quality-assured and transmitted Round 8.1 land use forecasts compatible with the 2,191 TAZ system. Round 8.1 data compatible with the 2,191 TAZ system were also transmitted to Montgomery County M-NCPPC to aid the county's transit planning efforts.

7. Transportation / Land Use Connections Program

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

The study will examine coordination and service delivery models to provide more cost effective specialized transportation, and will identify steps to implementing a specialized transportation pilot project in Suburban Maryland that will use resources more efficiently.

In coordination with Maryland DOT and WMATA, staff developed a Request for Proposals (RFP) for technical assistance to conduct this study. The RFP was issued on August 9, with responses due by September 7.

9. Other Tasks yet to be Defined

No work activity during the reporting period.

c. VIRGINIA

1. Data/Documentation Processing

Staff prepared a multi-year monitoring work plan and transmitted the plan to VDOT.

2. Travel Monitoring and Survey

Staff completed the processing of travel time data collected on the Capital Beltway at the end of FY 12 and transmitted a technical memorandum to VDOT. Staff also completed the processing of bicycle and pedestrian counts collected in FY 12 and transmitted a technical memorandum to VDOT.

3. Travel Demand Modeling

Staff responded to a request from VDOT modeling staff for customized model outputs.

4.. Regional and Sub-Regional Studies

Staff began work on the next phase of the I-68 Bus on Shoulder pilot study.

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. Bus Passenger Counts in Support of Cordon Count

No work activity during the reporting period.

4. Geocode and Tabulate 2012 Rail Passenger Survey

Staff received the draft 2012 Rail Passenger Survey data file from the survey contractor, reviewed and geocoded the home address data provided by Northern Virginia survey respondents and verified jurisdiction of residence coded for these survey respondents. Staff tabulated the verified jurisdiction of residence data, prepared a memorandum documenting the methodology used to verify the jurisdiction of residence and provided WMATA staff with the verified jurisdiction of residence data and technical documentation.

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In coordination with Maryland DOT and WMATA, staff developed a Request for Proposals (RFP) for technical assistance to conduct this study. The RFP was issued on August 9, with responses due by September 7.

7. CONTINUOUS AIRPORT SYSTEM PLANNING (CASP) PROGRAM

A. Ground Access Element Update

Staff reviewed the previous Ground Access Element and began preparing an outline and work plan for the current update.

B. Process 2011 Air Passenger Survey

No work activity during the reporting period.

C.. Update Ground Access Forecast

Staff continued finalizing the ground access forecasts report based on subcommittee comments.

8. SERVICES/SPECIAL PROJECTS

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

July/August 2012

	BUDGET TOTAL	FUNDS EXPENDED	% FUNDS EXPENDED
1. PLAN SUPPORT			
A. Unified Planning Work Program (UPWP)	70,700.00	15,373.46	22%
B. Transportation Improvement Program (TIP)	240,600.00	19,136.34	8%
C. Constrained Long-Range Plan	588,400.00	102,494.34	17%
D. Financial Plan	64,000.00	0.00	0%
E. Public Participation	421,900.00	57,460.06	14%
F. Private Enterprise Participation	18,300.00	0.00	0%
G. Annual Report	80,100.00	16,156.46	20%
H. Transportation / Land Use Connection Program	395,000.00	11,161.45	3%
I. DTP Management	452,124.00	55,784.58	12%
SUBTOTAL	2,331,124.00	277,566.68	12%
2. COORDINATION PLANNING			
A. Congestion Management Process (CMP)	205,000.00	28,546.81	14%
B. Management, Operations & ITS Planning	340,300.00	55,730.18	16%
C. Emergency Preparedness Planning	75,400.00	4,969.61	7%
D. Transportation Safety Planning	125,000.00	14,804.79	12%
E. Bicycle and Pedestrian Program	108,700.00	16,901.60	16%
F. Regional Bus Planning	100,000.00	8,183.51	8%
G. Human Service Transportation Coordination Planning	114,800.00	15,371.28	13%
H. Freight Planning	150,000.00	22,807.53	15%
I. MATOC Program Planning & Support	120,000.00	7,849.42	7%
SUBTOTAL	1,339,200.00	175,164.72	13%
3. FORECASTING APPLICATIONS			
A. Air Quality Conformity	563,200.00	89,578.72	16%
B. Mobile Emissions Analysis	640,100.00	78,706.05	12%
C. Regional Studies	516,300.00	55,774.26	11%
D. Coord. Cooperative Forecasting & Trans Planning	806,800.00	90,476.30	11%
SUBTOTAL	2,526,400.00	314,535.32	12%
4. DEVELOPMENT OF NETWORKS AND MODELS			
A. Networks Development	769,700.00	84,377.77	11%
B. GIS Technical Support	548,800.00	131,669.26	24%
C. Models Development	1,071,200.00	136,201.76	13%
D. Software Support	178,900.00	24,102.48	13%
SUBTOTAL	2,568,600.00	376,351.27	15%
5. TRAVEL MONITORING			
A. Regional BRAC/Fed Consolidation Impact Analysis	250,800.00	7,065.46	3%
B. Congestion Monitoring and Analysis	350,000.00	44,470.97	13%
C. Travel Survey and Analysis			
Household Travel Survey	706,300.00	26,553.92	4%
D. Regional Transportation Clearinghouse	317,900.00	40,212.06	13%
SUBTOTAL	1,625,000.00	118,302.41	7%
SUBTOTAL CORE PROGRAM ITEMS 1-5	10,390,324.00	1,261,920.41	12%
6. TECHNICAL ASSISTANCE			
A. District of Columbia	371,600.00	36,394.34	10%
B. Maryland	1,003,000.00	64,639.63	6%
C. Virginia	853,689.00	45,337.42	5%
D. WMATA	195,200.00	22,578.97	12%
SUBTOTAL	2,423,489.00	168,950.38	7%
TPB GRAND TOTAL	12,813,813.00	1,430,870.77	11%

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

July/August 2012
SUPPLEMENT 1

	TOTAL AUTHORIZED BUDGET		TOTAL EXPENDITURES		FTA/STA/LOC AUTHORIZED BUDGET		FTA EXPENDITURES		PL FUNDS/LOC AUTHORIZED BUDGET		FHWA EXPENDITURES	
	BUDGET	EXPENDITURES	BUDGET	EXPENDITURES	BUDGET	EXPENDITURES	BUDGET	EXPENDITURES	BUDGET	EXPENDITURES	BUDGET	EXPENDITURES
A. District of Columbia												
1. Program Development, Data Requests & Misc. Services	10,000	632.49			1,506	95			8,494	537.23		
2. Traffic Counts & Highway Performance Mgmt System	235,000	26,639.01			35,394	4,012			199,606	22,626.88		
3. Bicycle Counts	55,000	4,435.46			8,284	668			46,716	3,767.43		
4. Weigh In Motion Station Counts	20,000	0.00			3,012	0			16,988	0.00		
5. Peak Period Street Restrictions Study	20,000	4,687.39			3,012	706			16,988	3,981.41		
6. Other tasks to be defined	31,600	0.00			4,759	0			26,841	0.00		
SUBTOTAL	371,600	36,394.34			55,967	5,481			315,633	30,912.95		
B. Maryland												
1. Program Development/Management	40,000	2,073.43			6,024	312			33,976	1,761.15		
2. Project Planning Studies	190,000	15,274.23			28,616	2,300			161,384	12,973.76		
3. Feasibility/Specials Studies	230,000	19,847.35			34,641	2,989			195,359	16,858.12		
4. Transportation Performance Measures	173,000	26,648.11			26,056	4,014			146,944	22,634.61		
5. Training/Technical Support	30,000	0.00			4,518	0			25,482	0.00		
6. Statewide Transportation Model Support	60,000	796.52			9,037	120			50,963	676.55		
7. Transportation/Land Use Connections Program	160,000	0.00			24,098	0			135,902	0.00		
8. Human Services Transportation Study	30,000	0.00			4,518	0			25,482	0.00		
9. Other Tasks to be defined	90,000	0.00			13,555	0			76,445	0.00		
SUBTOTAL	1,003,000	64,639.63			151,063	9,735			851,937	54,904.18		
C. Virginia												
1. Data/Documentation processing	25,000	2,319.14			3,765	349			21,235	1,969.85		
2. Travel Monitoring Survey	200,000	33,939.42			30,122	5,112			169,878	28,827.77		
3. Travel Demand Modeling	125,000	4,292.17			18,826	646			106,174	3,645.72		
4. Regional and Sub-Regional Studies	417,641	4,786.69			62,901	721			354,740	4,065.76		
5. Other Tasks to be Defined	86,048	0.00			12,960	0			73,088	0.00		
SUBTOTAL	853,689	45,337.42			128,575	6,828			725,114	38,509.11		
D. WMATA												
1. Program Development	5,200	816.22			5,200	816			0	0.00		
2. Miscellaneous Services	5,000	1,696.17			5,000	1,696			0	0.00		
3. Bus Passenger Counts for 2013 Central Employment Area Cordon Count	50,000	0.00			50,000	0			0	0.00		
4. Geocode and Tabulate Jurisdiction of Residence for 2012 Rail Passenger Survey	75,000	20,066.58			75,000	20,067			0	0.00		
5. Human Services Transportation Study	60,000	0.00			60,000	0			0	0.00		
SUBTOTAL	195,200	22,578.97			195,200	22,579			0.00	0.00		
GRAND TOTAL	2,423,491	168,950.36			530,805	44,624			1,892,684	124,326.24		