

FY 2013

**NATIONAL CAPITAL REGION
TRANSPORTATION PLANNING BOARD (TPB)
WORK PROGRAM PROGRESS REPORT
NOVEMBER 2012**

METROPOLITAN WASHINGTON COUNCIL OF GOVERNMENTS

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PROGRAM HIGHLIGHTS

1. PLAN SUPPORT

A. Unified Planning Work Program (UPWP)

Work continued monitoring the FY 2013 UPWP which began on July 1, 2012. Work was completed on an amendment to the program budget to reflect changes to the new FY 2013 funding and adjustments in the unobligated FY 2011 funding. The net change in the total budget is a reduction of \$69,420. The Technical Committee was briefed on the amendment at its November 2nd meeting, and the TPB approved the amendment at its November 23rd meeting.

B. Transportation Improvement Program (TIP)

At their November 2nd meeting, the TPB Steering Committee approved an amendment to the FY 2013-2018 TIP requested by the Maryland Department of Transportation (MDOT) to modify the project description and funding for MD 223 from Steed Road to MD 4.

Staff began development of a Summary Guide to the FY 2013-2018 TIP. This brochure will supplement the documentation of the complete TIP and the searchable CLRP/TIP database found on the CLRP website. It will include graphics illustrating funding in the TIP broken down by funding source, fiscal year, project type, jurisdiction, and will also include a simplified listing of all TIP projects organized by new construction, rehabilitation and maintenance, and other projects.

C. Constrained Long-Range Plan (CLRP)

In support of the CLRP performance evaluation efforts, staff developed additional performance measures for the draft 2012 CLRP brochure.

At their respective December meetings, the Technical Committee and the TPB were presented with a draft of the 2012 CLRP brochure and a presentation detailing the performance analysis of the CLRP included in the brochure. This performance analysis covers the population and employment growth expected in the region and information on projected travel demand, mode share, congestion, accessibility and air quality.

D. Financial Plan

The financial summaries in the FY 2013-2018 TIP are reviewed and updated as administrative modifications and amendments are approved.

E. Public Participation

Throughout the month, staff prepared for the TPB's Community Leadership Institute (CLI), which was conducted on November 29 and December 1. The CLI is a two-part workshop designed to encourage local leaders to get more involved in transportation decision-making and to better understand the regional planning context. Staff recruited participants and modified the program curriculum.

Staff worked with a consultant to finalize the TPB's new web-based clearinghouse called the Information Hub on Transportation Planning Activities. 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 worked on the development of a web-based public involvement tool that will use the MetroQuest software designed by Envision Sustainability Tools. MetroQuest has been used effectively by MPOs and other planning agencies throughout the country. Later this year, MetroQuest will be 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. The tool will also be used for public discussion and engagement in the winter and spring. Throughout October, staff proceeded with the development of content for MetroQuest and discussed the site design with the consultants.

The CAC meeting on November 15 included discussions on the TPB's role in the new federal Transportation Alternatives Program (TAP), the performance analysis of the 2012 CLRP, and the development of the Regional Transportation Priorities Plan.

F. Private Enterprise Participation

No work activity during the reporting period.

G. TPB Annual Report and TPB News

The November *TPB News* was produced and distributed.

Four editions of *The TPB Weekly Report* were produced and emailed during the reporting periods.

H. Transportation / Land Use Connection Program (TLC)

All nine of this year's TLC technical assistance projects were underway by the end of November. The projects include:

- Study of Affordable Housing with Access to Jobs via Multi-Modal Transit
- College Park Metro Station – TOD Market Analysis
- Greenbelt Bus Stop Safety and Accessibility Study
- Montgomery County: Study to Establish Parking Credits Related To Bike Sharing
- City of Rockville: Cross-Jurisdictional Development Impacts: Transportation Capacity Analysis
- City of Takoma Park: New Hampshire Avenue Multi-Way Boulevard Feasibility Study
- City of Falls Church: Analysis of Transportation Demand Management along the Washington Street Corridor
- Town of Middleburg/Loudoun County: Washington Streetscape Improvement Plan
- City of Frederick: East Street Trail Project Design (Design Pilot Project).

Kickoff meetings for seven of the projects had been held by the end of November. The projects will be completed by the end of the fiscal year.

Staff conducted discussions with the state DOTs to determine how the new federal Transportation Alternatives Program (TAP), which will provide capital funding for non-motorized and "alternative" transportation projects, will be established in our region. According to the recent federal transportation legislation (MAP-21), MPOs in large urbanized areas are required to play a lead role in project selection for a sub allocation of TAP funding.

At the Technical Committee and TPB November meetings, staff presented a draft proposal for establishing the program, which was broadly accepted by the TPB. The staff proposal would include the region's TAP program as a component of the TLC Program.

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 November:

- The DTP Director and DTP staff gave a presentation on a draft new user guide to the Transportation Improvement Program to representatives of local construction program as a "pilot test". Refinements to the user guide are being made in response to the presentation.

- The DTP Director and the TPB Chairman appeared on Bruce DePuyt's "Newstalk" program on Channel 8 to discuss the results of the 2012 CLRP performance analysis.
- The DTP Director met with Tony Kim, Director of the Virginia DOT office of Public-Private Partnerships, to discuss public-private opportunities in Northern Virginia.

2. COORDINATION PLANNING

A. Congestion Management Process (CMP)

The TPB Technical Committee finalized the 2012 CMP Technical Report at its November 2 meeting. The final report is now available at COG website www.mwcoq.org/cmp.

Staff continued requesting and downloading the I-95 Corridor Coalition Vehicle Probe Project/INRIX data for January through October 2012. Staff processed the data and made it ready for congestion and reliability analysis. Staff began exploring new IT options that could improve the maintenance and querying of the massive INRIX traffic data files.

Staff contributed to a draft letter by the Association of MPOs (AMPO) to USDOT Secretary LaHood regarding performance-based metropolitan transportation planning and AASHTO's proposed performance measures and procedures.

Staff conducted congestion analysis and delivered the results to a TIGER project on Georgia Avenue (US-29) along Howard University in the District of Columbia.

On November 7, staff participated in the ITS Maryland Annual Meeting in Linthicum, MD and made a presentation titled "Filing the Gaps in Performance-Based Planning". On November 13, staff monitored the I-95 Corridor Coalition Vehicle Probe Project team webcast. On November 14, staff attended the webinar "INRIX Data as a Tool to Meet New US Federal Requirements" offered by INRIX, Inc. On November 15, staff monitored the webinar "The Next Era of Traveler Information-Performance Management" offered by the ENTERPRISE Pooled Fund Study. On November 30, staff attended the webinar "San Francisco's Dynamic Traffic Assignment Model" offered by the San Francisco County Transportation Authority and Parsons Brinckerhoff.

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

- Staff helped prepare for and participated in the Baltimore-Washington Regional Traffic Signals Forum, held on November 7 in Linthicum Heights, Maryland. The forum was held as a joint event with the Intelligent

Transportation Society of Maryland, and over 100 jurisdiction and agency personnel from around the two regions participated.

- Staff continued follow-up activities from the September 11, 2012 regular meeting of the MOITS committees; other than the signals forum, the MOITS committees did not meet in October or November.
- Analysis continued regarding traffic signal power back-up systems data obtained in recently-conducted surveys.
- Staff reviewed and analyzed the impacts of the new MAP-21 legislation on MOITS-related program areas, and helped prepare input on this topic for the Association of Metropolitan Planning Organizations (AMPO).
- 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.). Activities included:
 - Staff participated in reviews and discussions regarding the impacts of the October 29-31 Super Storm Sandy on the region's transportation systems.
 - Staff helped prepare for and attended the COG Emergency Preparedness Council meeting on November 14.
 - Staff participated in the pre-season COG Annual Snow Meeting and Exercise regarding forecasts and preparations for the upcoming winter season, on November 19.
 - Staff participated in discussions regarding transportation management preparations for the January 2013 Presidential Inauguration events.

C. Transportation Emergency Preparedness Planning

Staff prepared for the Regional Emergency Support Function #1 (RESF-1) Emergency Transportation Committee meeting which was held on November 29th. At this meeting, the committee received an update on UASI FY 2013. Currently there is not an amount allocated for the National Capitol Region and a decision should be announced in April of 2013.

Additionally, the committee will compile a list of proposal projects that are the priority for transportation in 2013-2014. All items presented will be discussed at the January 2013 meeting where proposals will be listed in terms of priority to the region.

The Committee reviewed transportation issues for the inauguration on January 21, 2013. Most transportation planning is directly related to the attendance for the inaugural. Prior to mid November 2012, the estimated projected

attendance was from 500,000 to 800,000. After some discussions with the U.S. Secret Service and DDOT the official estimate Was raised to 800,000+.

D. Transportation Safety Planning

- Staff attended the November 15th meeting of the Baltimore Metropolitan Council Safety Subcommittee. Staff briefed the Subcommittee on the Washington Street Smart Pedestrian and Bicycle Safety Campaign, and was briefed on the Maryland Strategic Highway Safety Plan and the Baltimore Region Street Smart campaign. TPB staff will be invited to serve on one of the implementation committees for the State plan. Staff met with City of Baltimore and BMC staff to discuss the City of Baltimore Pedestrian and Bicycle Safety Plan.
- Staff compiled pedestrian crash data by jurisdiction and by month for the Washington Region. The data showed that October, November, and December, months when it gets dark earlier but it's not cold enough to deter walking, are the peak months for pedestrian crashes in the Washington region, with nearly one third more crashes per month average. The data was distributed to the press to support the theme of the Fall 2012 "Street Smart" pedestrian and bicycle safety campaign, "Be Safe, Be Seen".

E. Bicycle and Pedestrian Planning

- As a follow-up action called for in the TPB's regional Complete Streets policy, staff compiled and analyzed the results of an electronic survey of TPB members on Complete Streets Policies and Implementation. Staff followed up with non-responders by phone to ensure that all TPB member jurisdictions were accounted for.
- In another follow-up action specified in the TPB's Complete Streets policy, staff recruited speakers and set a tentative date (January 28, 2013) for a Complete Streets Implementation Workshop. The purpose of the workshop will be to share the experiences of the various TPB member jurisdictions and agencies in developing and implementing their Complete Streets policies.
- At its November 27th meeting, the Bicycle and Pedestrian Subcommittee was briefed on progress on the Complete Streets Policy Survey preliminary results and planning for the implementation workshop, as well as the November 2012 Street Smart Pedestrian and Bicycle Safety campaign. The Subcommittee was also briefed on the new Transportation Alternatives Program under MAP-21, and the proposed role for the TPB in the selection of projects under the program. Lastly, the Subcommittee was briefed on

new bike routing and bike rack finding tools developed by BikeArlington, bikeplanner.org and Rackspotter.

F. Regional Bus Planning

The Regional Bus Subcommittee met in November. Members received a briefing on citizen comments on the region's bus service, as submitted via WMATA's Momentum community engagement effort. In addition, an update on the Corridor Cities Transitway and on the proposed restructuring of Fairfax's bus service for Phase One of the Silver Line. Next year's chair of the subcommittee was also proposed and confirmed.

Other activities include TPB staff support for the TPB Bus On Shoulders (BOS) Task Force, with the completion and dissemination of a draft technical memorandum on local and national experience with Bus On Shoulders.

G. Human Service Transportation Coordination

Staff prepared for and attended the November meeting of the Human Service Transportation Coordination Task Force. Preparation included a breakout activity for setting priorities for the 2013 JARC and New Freedom solicitation and preparing a presentation on the TPB proposal for a joint designated recipient arrangement for MAP-21 funds. A meeting summary was prepared.

Staff prepared a presentation on the proposal for a joint designated recipient arrangement for MAP-21 Enhanced Mobility funds and delivered the presentation to the Technical Committee and an abbreviated presentation at the TPB meeting. Staff also hosted a second conference call with representatives from the District Department of Transportation, Maryland Transit Administration, and WMATA for a continuing discussion on coordinated human service transportation planning and proposed designated recipient arrangements under the new transportation bill, MAP-21.

H. Freight Planning

- Staff continued preparatory and data collection activities for development of jurisdictional freight profiles.
- Staff provided FHWA Freight Analysis Framework air cargo data to Continuous Airport Systems Planning staff.
- Staff discussed Freight Subcommittee upcoming meeting program ideas with Freight Subcommittee Chairman Eulois Cleckley.
- Staff participated in a National Capital Area Roundtable Council of Supply Chain Management Professionals call regarding upcoming roundtable programs and roundtable announcement software updates.

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 meeting of the MATOC Steering Committee on November 9, as well as meetings of the MATOC Transit Task Force and Roadway Operations Subcommittee on November 29. 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

Year 2015 supplemental air quality analysis of the 2012 CLRP & FY2013-18 TIP: Staff completed the draft summary and full reports for the start of the public comment period and posted the documents online. The results of the supplemental air quality analyses were also presented to the TPB, TPB Technical Committee, and the MWAQC TAC at their monthly meetings.

2013 CLRP: Staff coordinated with various jurisdictions regarding inputs for the 2013 CLRP conformity analysis. Complying with interagency consultation requirements, the material to be presented to the oversight committees were disseminated to the consultation agencies and public advisory committees.

B. Mobile Emissions Analysis

Staff completed the following:

- Staff coordinated with EPA regarding EPA's request for providing on road mobile emission data by SCC instead of vehicle class as part of the PM2.5 redesignation request and maintenance plan. EPA comments with respect to the draft PM2.5 Redesignation Request and Maintenance Plan were shared with state air agencies for consideration and inclusion in the final draft. Staff responded to a data request from the DDOE for NEI 2011.
- A recommendation letter to TPB on behalf of MWAQC was developed by staff pertaining to the year 2015 supplemental air quality analysis of the 2012 CLRP & FY2013-18 TIP. The letter was edited and approved by the MWAQC TAC during its monthly meeting prior to being forwarded to TPB.

- Staff continued research on the MOVES Emission Rate approach with special emphasis on understanding the relationships in MOVES between the Rate and Inventory approaches; multiple sensitivity tests were executed in an effort to develop a methodology for quantifying mobile emissions reductions from Transportation Emissions Reductions Measures (TERMs), an activity to be undertaken in the near future. Staff informed members of the TPB Technical Committee about the upcoming TERMS update (i.e., scope of work and schedule) through a PowerPoint presentation during its monthly meeting.

C. Regional Studies

Regional Transportation Priorities Plan (RTPP)

Work continued on the development of RTPP content for inclusion in a web-based tool that will be used to survey a wide sample of citizens to determine their attitudes about which strategies they consider to be most beneficial, and to see how the public might want to pay for them. Considerable progress was made toward developing the performance analysis of the 2012 Constrained Long Range Plan, which will serve as the baseline for the RTPP. Draft figures for various performance measures (including VMT per capita, congestion levels, and mode shares) were developed and presented to the TPB in November.

TPB staff began exploring the possibility of including several polling questions as part of the web-based tool. Questions would target certain topics of interest, including funding, public perceptions of transportation agencies, and public awareness/education.

Envision Sustainability continued loading some of the content developed by TPB staff into the web-based tool.

In December, work will continue on the development of RTPP content (including the 2012 CLRP baseline) and the web-based tool.

As part of testing the land use impacts within the Aspirations Scenario study, staff compared the Aspirations land use assumptions against the Round 8.1 of the Cooperative Land Use forecasts; sensitivity tests were also conducted to evaluate the impacts of external trip reductions and the Aspirations scenario land use assumptions. Sensitivity tests were also conducted to evaluate the impacts of the assignment precision on trip shifting as it affects tolls. In the meantime, the Aspirations Scenario network coding continued.

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 discuss the proposed geographic boundaries to be used for the analysis of the newly re-defined Regional Activity 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 3722-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 received and reviewed preliminary jurisdictional Round 8.2 household, population, and employment forecasts in comparison to the Round 8 econometric model projection for the metropolitan region as a whole. The sum of the preliminary jurisdiction forecasts were found to be within 3% of the econometric model projections. Staff reviewed the preliminary 8.2 forecasts with the Cooperative Forecasting Subcommittee and reminded the subcommittee of the schedule for the submission of the Round 8.2 TAZ-level forecasts in February, 2013.

4. DEVELOPMENT OF NETWORK / MODELS

A. Network Development

Staff has completed updates to the base year 2010 highway network, in which arterial facility type coding and zone access coding have been refined. This network is being incorporated into model validation activities that are ongoing.

Staff has continued work on relating INRIX speed data to the regional highway network at a very disaggregate level, using GIS-based techniques. This type of data merging will enable staff to conduct speed checks of the travel model, and may enable TPB staff to use this detailed speed information as an on-going travel monitoring tool.

Staff supported the development of transportation networks for the CLRP Aspirations Scenario project during November. Staff has also continued updating the base year 2012 transit line schedules and alignments with the latest schedules issued the local providers. The updated base year transit network will provide a basis for the development of forecast year networks which will be used in the next air quality study of the 2013 CLRP/FY 2013-18 TIP.

At the November 29 Travel Forecasting Subcommittee meeting, staff presented on an overview of the highway and transit files that are currently supporting the Version 2.3 modeling process. Staff also presented on the GIS-based methods currently used to develop and manage TIP and CLRP networks which staff produces each year.

B. GIS Technical Support.

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

Staff contacted Esri technical support to request some additional information regarding the ArcGIS 10.1 geoprocessing model.

Staff reinstalled ArcGIS VBA resources on the GIS server to resolve a problem with an ArcGIS map document containing VB code.

Staff arranged and participated in the NCR GDX project steering committee meeting on November 6th.

Staff represented the GIS Committee at the COG CIO Committee meeting on November 15th.

Staff prepared the agenda and meeting materials for the November 27th COG GIS Committee meeting. At this meeting staff participated in discussions on the project update and strategic plan of the National Capital Region Geospatial Data Exchange project (NCR GDX) and an update on the NCR GDX user group. The committee also discussed GIS issues related to inauguration planning.

Staff provided regional GIS bicycle facility data to MDOT in response to a data request.

C. Models Development

Staff has implemented a number of changes to the Version 2.3 travel model application that will serve reduce existing model run times by about 30%. These

are technical changes that were recommended by AECOM Consult during the last fiscal year. These technical changes were shared with the Travel Forecasting Subcommittee at the November 30 meeting.

Staff has proceeded with the 2010 validation of the Version 2.3 travel model. Several performance summaries have been prepared and are currently under evaluation. A presentation on staff's initial validation progress and findings were made at the November 30 Travel Forecasting Subcommittee. TPB staff is currently working to address a few performance issues that have been identified during the course of validation work.

Based on project planning applications and testing of the Version 2.3 travel model, staff updated the procedure for estimating the zonal percent-walk-to-transit values which are important technical inputs to the mode choice model. Staff updated several documents related to this revised procedure.

Models development staff formulated year-2040 external and through trip files inputs to the regional travel model as part of CLRP Aspirations Scenario project. Staff also prepared the 2040 zonal land activity inputs to the travel model which compliment the revised external and through trip inputs. Both of these tasks were documented in technical memoranda.

The consultant currently providing assistance to staff on travel modeling enhancements, AECOM Consult, presented to the TFS on proposed approaches for streamlining and improving the way the travel model handles HOV trips and HOT-lane trips. In December, TPB staff plans to provide AECOM with comments on the AECOM proposals.

On November 15, staff attended a Travel Model Improvement Program (TMIP) webinar regarding the experiences of activity-based travel model applications at the San Francisco County Transportation Authority (SFCTA).

Models development staff responded to three technical data requests from Fairfax County, and from consultants working on a street car study in Crystal City and a ferry study in Northern Virginia.

D. Software Support

Staff coordinated work efforts with the COG 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

No work activity during the reporting period.

B. Congestion Monitoring and Analysis

Staff continued researching the use of ITS data sources as a possible source for assessing arterial highway congestion in the region. Staff attended a one day Regional Traffic Signal Forum jointly sponsored by COG and the Baltimore Metropolitan Council. Staff attended a Webinar on INRIX data and its usefulness in meeting MAP - 21 requirements.

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

Staff continued to review the spring 2012 household travel survey household, vehicle, person and location data files.

Staff continued preparation of the RFP for the re-bid FY 2013 Geographically-Focused Household Travel Surveys.

Staff participated in a TTI Household Travel Survey Symposium in Dallas, TX on November 8th and 9th and discussed the methodology being employed in the TPB Geographically-Focused Household Travel Surveys.

Staff began preparation of public release survey data files and documentation for the Fall 2011 Geographically-Focused Household Travel Survey data files.

D. Regional Transportation Data Clearinghouse

Staff continued development of a step-by-step Users Guide for the RTDC Flex viewer application.

Staff completed the update of hourly count and annualized traffic volume data on the dual link network for inclusion in the RTDC.

Staff incorporated traffic volume data layers into the RTDC Flex application, including changing symbology, dataset names, and modifying the appropriate configuration files.

Staff added the version 2.3 model screen line layer to the RTDC.

Staff completed processing of updated data files received from regional bus providers that are to be included in the transit ridership layer of the RTDC.

Staff completed testing of the RTDC application and implemented suggested modifications to the application.

Staff presented the Regional Transportation Data Clearinghouse (RTDC) application to the TPB Travel Forecasting Subcommittee meeting held on the 30th November, 2012.

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 attended and participated in the November HPMS Coordinating Committee meeting and drafted the meeting minutes for this meeting. Staff also prepared the draft agenda for the December HPMS Coordinating Committee meeting.

Staff processed the six classification counts received from the traffic count contractor during November. Staff also processed 24 volume counts received from the count contractor in late October and 22 volume counts received from the count contractor during November.

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

Staff presented an updated draft of the technical documentation for DDOT's Traffic Monitoring Program at the November HPMS Coordinating Committee meeting.

3. Bicycle Counts

No work activity during the reporting period.

4. Weigh In Motion (WIM) Station Analysis

No work activity during the reporting period.

5. Peak Period Street Restrictions Inventory

No work activity during the reporting period.

6. Other tasks yet to be defined

No work activity during the reporting period.

B. MARYLAND

1. Program Development /Management

Staff revised and enhanced the preliminary scope of work, budget and schedule by incorporating supplemental information from MDOT's initial review.

2. Project Planning Studies

Staff performed additional refinements to the technical documentation of the Intercounty Connector (ICC) project while waiting final feedback from MD SHA. The project is almost complete with the exception of a comparison of travel speeds between modeled speeds and data still not provided by MDSHA.

3. Feasibility/Special Studies

In response to a request from MD SHA, staff continued working on the "I-270 HOV Conversion Sensitivity" test. Staff prepared model inputs for a year 2040 test, which was designed to evaluate conversion of one I-270 southbound general purposed land to an HOV between MD121 and I-370. Staff prepared inputs, executed and reviewed model runs and transmitted findings to MD SHA. Staff continued work on the Veirs Mill Road and Georgia Ave multi-modal studies by documenting the latent demand scenario work conducted in previous months.

4. Transportation Performance Measures

No work activity during the reporting period.

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

The contractor for this study, KFH Group, Inc, in consultation with MDOT, WMATA, and TPB staff, identified a list of human service transportation organizations to contact as part of Task 1 – Analyze Paratransit and Human Service Transportation Trip Data and Funding Arrangements. Interviews began and initial feedback was discussed among project partners at bi-weekly project management calls. In December, the consultant will submit a draft report for Task 1 and begin work on Task 2 - Review Successful and On-Going Human Service Transportation Coordination and Alternative Service Delivery Models.

9. Other Tasks yet to be Defined

No work activity during the reporting period.

C. VIRGINIA

1. Data/Documentation Processing

Staff refined project work scopes.

2. Travel Monitoring and Survey

Staff continued data collection for the freeway HOV and travel time monitoring component of the monitoring plan.

3. Travel Demand Modeling

No work activity during the reporting period.

4. Regional and Sub-Regional Studies

Staff met with VDOT to discuss potential approaches to the “Section 768” project prioritization study and began drafting a scope of work. Staff continued work on the I-66 BOS Task 1 technical memorandum and continued gathering data for the Task 2 and Task 3 work items. Staff held a conference call with NVTA’s consultant for TransAction 2040 to determine the feasibility of printing the plan brochure using the TPB print shop. As internal printing was deemed infeasible due to the complexity of the job, staff then began coordination with the Office of Public Affairs to have the brochure printed by an outside vendor.

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 began geocoding the home address data provided by DC and MD respondents to the WMATA 2012 Metrorail Passenger Survey.

5. Human Services Transportation Study

The contractor for this study, KFH Group, Inc, in consultation with MDOT, WMATA, and TPB staff, identified a list of human service transportation organizations to contact as part of Task 1 – Analyze Paratransit and Human Service Transportation Trip Data and Funding Arrangements. Interviews began and initial feedback was discussed among project partners at bi-weekly project management calls. In December, the consultant will submit a draft report for Task 1 and being work on Task 2 - Review Successful and On-Going Human Service Transportation Coordination and Alternative Service Delivery Models.

7. CONTINUOUS AIRPORT SYSTEM PLANNING (CASP) PROGRAM

A. CASP 26

1. Ground Access Element Update (Phase 1)

Staff completed a draft of the Ground Access Element Update Supply Report and presented it to the Aviation Technical Subcommittee at its meeting on November 17th.

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 continued geocoding the survey responses and began preparing the draft Geographic Findings of the 2011 survey for the November 28th meeting of the Transportation Planning board. Although this item was deferred by the Board, staff responded to media inquiries regarding the survey findings.

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**

November 30, 2012

	BUDGET TOTAL	FUNDS EXPENDEI	% FUNDS EXPENDED
1. PLAN SUPPORT			
A. Unified Planning Work Program (UPWP)	70,700.00	27,957.91	40%
B. Transportation Improvement Program (TIP)	240,600.00	49,971.68	21%
C. Constrained Long-Range Plan	588,400.00	220,178.44	37%
D. Financial Plan	64,000.00	1,331.82	2%
E. Public Participation	421,900.00	157,283.50	37%
F. Private Enterprise Participation	18,300.00	463.70	3%
G. Annual Report	80,100.00	26,934.23	34%
H. Transportation / Land Use Connection Program	395,000.00	41,331.48	10%
I. DTP Management	452,124.00	156,246.57	35%
SUBTOTAL	2,331,124.00	681,699.33	29%
2. COORDINATION PLANNING			
A. Congestion Management Process (CMP)	205,000.00	73,576.90	36%
B. Management, Operations & ITS Planning	340,300.00	136,416.63	40%
C. Emergency Preparedness Planning	75,400.00	12,271.36	16%
D. Transportation Safety Planning	125,000.00	28,863.82	23%
E. Bicycle and Pedestrian Program	108,700.00	48,133.87	44%
F. Regional Bus Planning	100,000.00	29,394.28	29%
G. Human Service Transportation Coordination Planning	114,800.00	44,425.99	39%
H. Freight Planning	150,000.00	45,408.57	30%
I. MATOC Program Planning & Support	120,000.00	20,340.34	17%
SUBTOTAL	1,339,200.00	438,831.76	33%
3. FORECASTING APPLICATIONS			
A. Air Quality Conformity	563,200.00	206,121.42	37%
B. Mobile Emissions Analysis	640,100.00	194,385.32	30%
C. Regional Studies	516,300.00	188,151.74	36%
D. Coord. Cooperative Forecasting & Trans Planning	806,800.00	288,355.77	36%
SUBTOTAL	2,526,400.00	877,014.24	35%
4. DEVELOPMENT OF NETWORKS AND MODELS			
A. Networks Development	769,700.00	268,917.18	35%
B. GIS Technical Support	548,800.00	202,195.53	37%
C. Models Development	1,071,200.00	326,144.48	30%
D. Software Support	178,900.00	54,119.29	30%
SUBTOTAL	2,568,600.00	851,376.47	33%
5. TRAVEL MONITORING			
A. Cordon Counts	250,800.00	23,737.63	9%
B. Congestion Monitoring and Analysis	350,000.00	117,217.74	33%
C. Travel Survey and Analysis			
Household Travel Survey	706,300.00	48,708.10	7%
D. Regional Transportation Clearinghouse	317,900.00	107,320.23	34%
SUBTOTAL	1,625,000.00	296,983.71	18%
SUBTOTAL CORE PROGRAM ITEMS 1-5	10,390,324.00	3,145,905.52	30%
6. TECHNICAL ASSISTANCE			
A. District of Columbia	371,600.00	87,193.22	23%
B. Maryland	1,003,000.00	217,309.58	22%
C. Virginia	853,689.00	141,245.10	17%
D. WMATA	195,200.00	41,001.00	21%
SUBTOTAL	2,423,489.00	486,748.92	20%
TPB GRAND TOTAL	12,813,813.00	3,632,654.42	28%

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

November 30, 2012
SUPPLEMENT 1

	TOTAL		FTA/STA/LOC		PL FUNDS/LOC	
	AUTHORIZED BUDGET	TOTAL EXPENDITURES	AUTHORIZED BUDGET	FTA EXPENDITURES	AUTHORIZED BUDGET	FHWA EXPENDITURES
A. District of Columbia						
1. Program Development, Data Requests & Misc. Services	10,000	1,159.58	1,506	175	8,494	984.94
2. Traffic Counts & Highway Performance Mgmt System	235,000	72,558.24	35,394	10,928	199,606	61,630.16
3. Bicycle Counts	55,000	4,435.46	8,284	668	46,716	3,767.43
4. Weigh In Motion Station Counts	20,000	4,352.56	3,012	656	16,988	3,697.01
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
7. NOT IN USE	0	0.00	0	0	0	0.00
SUBTOTAL	371,600	87,193.22	55,967	13,132	315,633	74,060.95
B. Maryland						
1. Program Development/Management	40,000	6,505.20	6,024	980	33,976	5,525.44
2. Project Planning Studies	190,000	51,230.34	28,616	7,716	161,384	43,514.48
3. Feasibility/Specials Studies	230,000	82,282.55	34,641	12,393	195,359	69,889.89
4. Transportation Performance Measures	173,000	74,384.24	26,056	11,203	146,944	63,181.15
5. Training/Technical Support	30,000	1,962.63	4,518	296	25,482	1,667.04
6. Statewide Transportation Model Support	60,000	944.62	9,037	142	50,963	802.35
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	217,309.58	151,063	32,729	851,937	184,580.35
C. Virginia						
1. Data/Documentation processing	25,000	6,164.81	3,765	928	21,235	5,236.32
2. Travel Monitoring Survey	200,000	105,066.64	30,122	15,824	169,878	89,242.44
3. Travel Demand Modeling	125,000	8,872.54	18,826	1,336	106,174	7,536.23
4. Regional and Sub-Regional Studies	417,641	19,876.13	62,901	2,994	354,740	16,882.57
5. Other Tasks to be Defined	86,048	1,264.98	12,960	191	73,088	1,074.46
6. NOT IN USE	0	0.00	0	0	0	0.00
7. NOT IN USE	0	0.00	0	0	0	0.00
8. NOT IN USE	0	0.00	0	0	0	0.00
SUBTOTAL	853,689	141,245.10	128,575	21,273	725,114	119,972.02
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. Multi-Modal Coordination for Bus Priority Hot Spot	50,000	0.00	50,000	0	0	0.00
4. Regional BRAC/Fed Consolidation Impact Analysis	75,000	38,488.62	75,000	38,489	0	0.00
5. Metrorail Station Access Alternatives Study	60,000	0.00	60,000	0	0	0.00
SUBTOTAL	195,200	41,001.00	195,200	41,001	0.00	0.00
GRAND TOTAL	2,423,491	486,748.90	530,805	108,136	1,892,684	378,613.33