

FY 2012

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

PROGRAM HIGHLIGHTS

1. PLAN SUPPORT

A. Unified Planning Work Program (UPWP)

Work continued monitoring the FY 2012 UPWP which began on July 1, 2011

B. Transportation Improvement Program (TIP)

At their May 4 meeting, the TPB Steering Committee approved two amendments to the FY 2011-2016 TIP. The first amendment, requested by the Maryland Department of Transportation (MDOT) updated funding for six system preservation projects. The second amendment was requested by the Prince George's County Department of Public Works and Transportation to include funding for the Sunnyside Avenue Bridge replacement project. On May 16, the TPB approved an amendment to the FY 2011-2016 TIP requested by the Washington Metropolitan Area Transit Authority to update project information and funding for FY 2013 in order to match their proposed FY 2013 capital budget. TPB staff processed two administrative modifications to the FY 2011-2016 TIP as requested by MDOT.

At the May 4 TPB Technical Committee meeting, TPB staff distributed copies of the draft FY 2013-2018 TIP and asked the members to review the draft for accuracy. Staff worked with member agencies as they revised their TIP inputs to prepare a final draft for the June Technical Committee meeting. Staff also developed additional text for the introduction of the new TIP document that provides a guide to understanding the multiple codes and figures shown in each TIP listing.

Staff beta-tested enhancements to the amendment feature in the iTIP database application.

C. Constrained Long-Range Plan (CLRP)

TPB staff prepared materials on the Significant Changes and Additions to the 2012 CLRP for review at the June 1 TPB Technical Committee meeting.

D. Financial Plan

The financial summaries in the FY 2011-2016 TIP are reviewed and updated as amendments are approved. In order to increase the transparency of financial planning and fiscal constrain, staff continued work on preparing clear descriptions and highlighting data from the financial analysis for the 2010 CLRP to be incorporated into the CLRP web site.

E. Public Participation

Staff intensively prepared for a citizen forum on June 2 to get input from members of the general public on the Regional Transportation Priorities Plan (RTPP). COG contracted with the non-profit AmericaSpeaks to conduct this forum. Development of this forum involved numerous meetings with the consultant to determine the event's content and design.

Staff developed a discussion guide and PowerPoint presentation that outlined key challenges and strategies. Extensive efforts also went into coordinating logistics for the event.

Staff launched work on the development of a new web-based clearinghouse of transportation planning activities conducted by the TPB's member jurisdictions throughout the region. COG contracted with the firm 4Site for the development of the first phase of this site. During May, 4Site developed sample website designs and the framework for the website content. Staff began the development of content.

The CAC's meeting on May 10 included a briefing on the TPB's activities related to low-income and minority communities and people with disabilities as well as updates on the Regional Transportation Priorities Plan (RTPP) and the Draft Regional Complete Streets Policy. The CAC also participated in a brief focus group-style feedback session regarding the online publication TPB Weekly Report.

Staff prepared for a May 3 meeting of the Access for All Advisory Committee. Staff prepared materials describing the Metro fare changes adopted in April by the WMATA board. Staff arranged to for a presentation from The Brookings Institute on a Washington Region Transit Access study. At the May 3 meeting, the AFA also discussed the District Department of Transportation's Red Top Meter program that would change the parking meter policy for people with disabilities. The AFA was briefed on the proposed new projects and significant changes for the 2012 Update to the Financially Constrained Long-Range Transportation Plan (CLRP proposed new Projects and significant changes for the 2012 Update to the Financially Constrained Long-Range Transportation Plan (CLRP) and discussed comments that will be drafted and presented to the TPB in June.

F. Private Enterprise Participation

Preparations continued for the Annual Public Transit Forum on June 26. TPB staff sent out invitations to potential attendees, and finalized speakers for the event.

Regional Taxicab Regulators Task Force
No work activity during the reporting period.

G. Annual Report

The May *TPB News* was produced and distributed.

TPB staff wrote and distributed four editions of the new web-based publication, the *TPB Weekly Report*.

Text for the 2012 *Region* magazine was finalized. A draft document was laid out for final review.

H. Transportation / Land Use Connection Program (TLC)

Applications for the FY2013 round of projects were due on May 16. Staff reviewed the applications internally. The TLC Selection Panel was scheduled for June 13.

Work on all eight TLC projects for FY2012 proceeded during May. Four projects were concluded by the end of the month.

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 attended a half-day meeting of the AMPO Policy Committee to discuss key planning provisions of the current Senate and House reauthorization proposals.
- The DTP Director participated in a briefing to senior staff in the City of Alexandria on regional transportation issues.
- The DTP Director moderated a panel discussion on regional transportation issues for Leadership Greater Washington.
- The DTP Director served as moderator for an AMPO sponsored webinar on linking climate change solutions to other planning goals.

2. COORDINATION PLANNING

A. Congestion Management Process (CMP)

Staff completed the first draft of the main chapters of the 2012 CMP Technical Report, including Chapter 2 State of Congestion, Chapter 3 Consideration and Implementation of Congestion Management Strategies, and Chapter 4 Studies of Congestion Management Strategies, and started internal reviews of the contents.

Staff completed additional INRIX data analysis in coordination with the Intercounty Connector (ICC) before-and-after evaluation and the I-66 bus operations analysis.

On May 10, staff participated in the ITS Maryland Spring Seminar in Rockville, MD and made a presentation on the use of operations data for planning. On May 15, staff participated in a meeting in Hanover, MD to identify the statewide mobility performance measures for the upcoming state mobility report. On May 16, staff participated in the I-95 Vehicle Probe Project "VPP Suite User Group" meeting at the University of Maryland. On May 22, staff volunteered on the ITS America 2012 Annual Meeting at National Harbor, MD. On May 23-25, staff attended a TRB conference in Denver, Colorado and presented on a technology showcase session regarding using INRIX traffic information for planning.

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

- Staff prepared for and conducted a meeting of the MOITS Traffic Signals Subcommittee on May 15, 2012. Analysis continued regarding the topic of traffic signal power back-up systems. Staff compiled key information from member agencies on power back-ups along emergency routes, and put together summaries for review at the May 15 meeting. Staff also provided an update briefing on this topic to the COG Incident Management and Response Oversight Committee on May 31. Work was anticipated to continue on this topic at least through the end of the fiscal year.
- 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 May 2 conference call and a May 24 Washington, D.C. meeting of the U.S. Department of Transportation national-level ITS Program Advisory Committee.
- Staff participated in a May 11 webinar introducing the new Virginia Department of Transportation Traffic and Video Data distribution system.
- Staff participated in the Annual Meeting of the Intelligent Transportation Society of America in National Harbor, Maryland, May 21 to 23, as did many MOITS committee participants.

- Staff participated in a U.S. Department of Transportation ITS Mobility Program Workshop on May 24 in National Harbor, Maryland.
- Because of the multiple other ITS-related meetings taking place during the month involving MOITS committee participants and staff, no regular MOITS committee meeting was held in May.

C. Transportation Emergency Preparedness Planning

The Regional Emergency Support Function #1 (RESF-1) Emergency Transportation Committee met on May 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 data for the next update of the Safety Element of the Constrained Long-Range Plan, discussed work items for the June 27th meeting of the Transportation Safety Subcommittee.
- Staff attended a meeting of the Baltimore Metropolitan Council's Safety Subcommittee, brief them on the Street Smart program and TPB's safety planning activities.

E. Bicycle and Pedestrian Planning

- Staff briefed the State Technical Working Group and the TPB Technical Committee on the draft regional Complete Streets policy, template, and TIP description form. The Technical Committee approved the revised document and attachments.
- The TPB adopted the regional Complete Streets policy at its May 16th meeting.
- The Bicycle and Pedestrian Subcommittee met on the University of Maryland campus on May 30th, where they were briefed on the recently

adopted regional Complete Streets policy and the follow-up actions to that policy which would involve members of the Subcommittee.

- The Subcommittee was briefed on the University of Maryland Center for Advanced Transportation Technologies' innovations in traffic monitoring and bicycle/transit route finding, and on the recently completed Spring wave of the Street Smart pedestrian and bicycle safety program. The Subcommittee discussed the changes in the oversight of the program resulting from the incorporation of local contributions in the COG dues. The meeting concluded with a tour of WMATA's new "Bike 'N Ride" secure bicycle parking facility at the College Park Metro Station parking garage.
- Staff gave a presentation on the Health Benefits of Active Transportation for the May 8th "Striving for Sustainability" conference in Rockville, MD. The conference, sponsored by Kaiser Permanente, was intended to promote awareness among health professionals of healthy eating and lifestyles.
- Staff attended a pre-submission RFP conference on May 22nd for the Street Smart program and answered questions from prospective bidders. Staff prepared an FAQ document in response to written questions submitted by the bidders, which was subsequently added as an amendment to the RFP.
- Staff prepared grant applications for the FFY 2013 Street Smart program.
- Staff participated in the regional Bike to Work Day event at the NOMA BID pit stop located near COG's offices.

F. Regional Bus Planning

There was no TPB Regional Bus Subcommittee meeting May, due to conflicts with the Alternative Fuels and Advanced Technology Vehicles Expo. TPB staff attended the May 2 (Bus) Rapid Transit A to Z symposium at the University of Maryland.

G. Human Service Transportation Coordination

During the month of May, staff attended a conference hosted by the Community Transportation Association of America on Delivering Workplace Connectivity to learn about different national strategies for delivering job access solutions. Staff also presented on coordinated human service transportation planning at the CTAA EXPO Session entitled Transit at the Table.

Staff continued efforts to coordinate with WMATA and several D.C. agencies regarding taxi vouchers and increased use of taxis for paratransit trips in D.C as strategies to reduce the demand for MetroAccess and increase the number of wheelchair accessible cabs. Staff also concluded preparation in support of

selection committee deliberations on the 2012 solicitation for JARC and New Freedom project applications.

H. Freight Planning

- Staff participated in the ongoing Regional Transportation Priorities Plan (RTPP) work including preparing PowerPoints and contributing to upcoming Focus Group materials.
- Staff attended the Coalition for America's Gateways and Trade Corridors Annual Freight Meeting on May 9, 2012.
- On May 10, 2012, the Freight Subcommittee met and toured the Florida Avenue Food Market in the District of Columbia.
- Staff participated in a FHWA sponsored Freight Performance Measures workshop on May 17, 2012.
- Staff participated in the ongoing Regional Transportation Priorities Plan (RTPP) work including preparing PowerPoint presentations and contributing to upcoming Focus Group materials.

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 May 2012, staff undertook follow-up and preparatory activities for previous and future meetings, in coordination with the MATOC staff from the University of Maryland Center for Advanced Transportation Technology.

3. **FORCASTING APPLICATIONS**

A. Air Quality Conformity

2012 CLRP & FY2013-2018 TIP:

Staff completed network coding for the 2012 CLRP & FY2013-2018 TIP air quality conformity analysis. Future year transit networks were built on a current transit service (as of December 2011) network base. Staff finalized travel demand modeling for all analysis years and summarized the results including documentation of travel statistics for the analysis years. Emissions inventories were developed for: ozone season, fine particles and wintertime CO pollutants. A sensitivity test was also conducted comparing the 2011 CLRP travel demand and emissions estimates with the corresponding figures for the 2012 CLRP, whose comparative results were summarized in a memorandum. A summary air

quality conformity report was prepared for the June meeting of the TPB Technical Committee.

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.

B. Mobile Emissions Analysis

In May air quality staff performed the following:

- Staff prepared and provided documentation on the development of select Mobile6.2 inputs (i.e., I/M programs, anti-tampering programs, meteorology and fuel characteristics). These inputs were provided to DTP staff for preparing the Mobile6.2 input files needed for the development of mobile emissions rates and inventories as part of the 2012 CLRP & FY2013-2018 TIP air quality conformity analysis.
- Staff coordinated with state air agencies, state DOTs, and TPB staff regarding on-going deliberations on the issue of safety margins to be included in 2012 PM_{2.5} Redesignation and Maintenance Plan. Supplemental data on sensitivity tests were presented to the Mobile Emissions Task Force to in support of making a determination on whether safety margins should be included in the plan.
- Staff kept up to date with MARAMA MOVES modeling activities as part of the photochemical modeling exercise for the new ozone and fine particle standards.

In May TPB staff responded to data requests from:

Prince George's and Montgomery Counties requesting input data for a FEIS for the Purple Line transitway.

Fairfax County requesting emissions rates for a hot spot analysis for the Northfax Intersection Improvement Study.

District Department of the Environment in regards to development of GHG emissions inventories, staff prepared and transmitted various estimated and observed tripmaking data that included VMT, Household Travel Survey and Cordon Count summaries.

C. Regional Studies

Work continued on the development of the Regional Transportation Priorities Plan (RTPP). The purpose of the RTPP is to identify those transportation strategies that offer the greatest potential contributions to achieving the TPB's goals for economic opportunity, transportation choices, system safety and efficiency, quality of life and environmental stewardship. It is anticipated that 10 to 15 strategies will be identified that the region can agree are the top priorities for meeting our shared goals and addressing regional challenges. Focus groups will be used to determine if proposed challenges and strategies are meaningful to people and if they can identify additional challenges or strategies that should be included.

In May, staff developed a pilot focus group citizen forum with a sample of the general public to be conducted with support from America Speaks on June 2. Lessons from the focus group meeting will help in communicating with the broader public about regional challenges and garnering feedback on transportation priorities.

Staff attended a meeting of COG's Region Forward Coalition.

Support for COG's Region Forward

Staff attended a meeting of COG's Region Forward Coalition.

Prepare Grant Applications for USDOT Grant Funding Programs

No work activity during the reporting period.

D. Coordination Cooperative Forecasting & Transportation Planning

Staff received and signed a data use agreement sent by the Maryland Department of Labor, Licensing and Regulation (DLLR) to obtain access to ES-202 employment data for the Maryland members of the Cooperative Forecasting Subcommittee.

Staff received and began review of ES-202 employment data for the Maryland jurisdictions in the metropolitan region.

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

Staff continued discussions with the Region's Planning Directors on the process and criteria to be used followed in updating Regional Activity Centers for the 2010 to 2040 time horizon.

Staff responded to general questions on the adopted Round 8.0A and the draft 8.1 Cooperative Forecasts.

4. DEVELOPMENT OF NETWORK / MODELS

A. Network Development

Two staff members in the network development program attended Access software training on May 7 and 8. The training will enhance their ability to work with relational databases that are now being used in the production and management of regional transportation networks.

As staff has received recent federal functional classification maps in digital form from the state DOTs in April, TPB staff is now comparing these data against the existing facility codes on highway links in the base year highway network. The comparison may indicate where facility classifications currently coded on highway links need to be updated, particularly lower level facilities. This work is ongoing.

Staff has also continued its review of the regional highway network using aerial photography in order to refine centroids connectors and highway street linkages in the highway network. This work is ongoing.

B. GIS Technical Support.

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

Staff resolved a problem with the ArcGIS server configuration of the ArcGIS FLEX viewer.

Staff implemented security measures on the production version the new web-based user interface for Transportation Data Clearinghouse databases to enable participating TPB state and local transportation agencies to access Data Clearinghouse databases remotely via a web browser.

Staff responded to a data request from the Brookings Institute for Metrorail, MARC and VRE rail network GIS shapefiles.

Staff participated in the discussions at the May 30th GIS Committee meeting on the current status of the regional Geospatial Data Exchange project and the Minimum Essential Dataset.

Staff attended the May MD MSGIC Executive Committee meeting to increase GIS coordination among COG and state and local government agencies in Maryland.

Staff began the recruitment of a GIS analyst/programmer to replace a staff member who resigned in April.

C. Models Development

The Travel Forecasting Subcommittee met on May 18. TPB staff presented on the status of the regional travel demand modeling work supporting the ongoing 2012 CLRP and 2013-2018 TIP Air Quality Conformity study. Staff also presented a draft report containing recommendations relating to future work activities in the Models Development program. The recommendations have been advanced by two consultants under contract to COG charged to review TPB modeling methods and practice during a six year period (FY 2006-FY 2011).

The ongoing consultant assistance project for models development, also known as the “scan of best modeling practice” project, was active during May on several fronts:

- Task Order 3, transit summaries and access coding: TPB staff identified potential issues with the transit assignment summary program and AECOM developed a new version of the program that would address these issues and have new capabilities.
- Task Order 5, begin conversion to new transit path builder: The consultant has begun converting transit route files to format that will be needed in the new path builder.
- Task Order 6: The consultant’s subcontractor delivered two memos to TPB staff regarding modeling non-resident transit travel, which TPB staff is currently reviewing.

TPB staff provided active oversight of the Association of Metropolitan Planning Organization (AMPO) study on the investigation of lessons learned with early adopters of activity modeling (Study of Activity-Based Modeling Study, Phase 2). Resource Systems Group, Inc. (RSG) delivered a proposed Task 3 report to TPB staff and the other members of the steering group on May 11. TPB staff reviewed the draft report and provided comments. RSG revised the report and was expected to issue a draft final report, which would still be subject to final FHWA approval, at the beginning of June.

One staff member in the Models Development program attended the 4th Transportation Research Board Conference on Innovations in Travel Modeling (ITM) which convened in Tampa on April 30- May 2. The conference served as a useful forum for practitioners to share information on the most recent developments in advanced travel modeling techniques and methods. Staff also attended a Travel Model Improvement Program (TMIP) webinar on activity-

based models on May 16 and a webinar on the INRIX “Traffic Scorecard” on May 31.

Models development staff responded to two data requests during May:

- Jeffrey M. Casello of the University of Waterloo (ON, Canada) requested estimated and observed modal trip tables, highway and transit skim files, and zonal households by demographic cross-classes.
- Yuanjun Li of M-NCPPC/Montgomery County requested a procedure for deriving PM peak hour trips from daily trips.

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. Regional BRAC and Federal Employment Consultation Impact Analysis

Staff begun data collection at the BRAC monitoring sites.

B. Congestion Monitoring and Analysis

Staff completed chapters 3 and 4 and all the accompanying appendices of the congestion management process technical report and will present the draft report during the June MOITS Technical Committee meeting. Staff is drafting a work plan for the revised arterial highway congestion monitoring program. Staff attended the inaugural meeting of an congestion monitoring operations work group started by the Maryland State Highway Administration.

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

Staff presented some initial results from the fall 2011 wave of the Geographically-focused Household Travel Survey to the Commuter Connections Subcommittee on May 15th, to the TPB on May 16th and to the Travel Forecasting Subcommittee on May 18th.

The survey continued the recruitment and interviewing of households participating in the spring 2012 wave of the Geographically-focused Household Travel Survey. Survey interviewing of households occurred in seven focused geographical areas in the TPB Planning Region.

Staff began planning for the fall 2012 wave of the Geographically-focused Household Travel Survey.

D. Regional Transportation Data Clearinghouse

Staff completed the production version the new web-based user interface for Transportation Data Clearinghouse databases and demonstrated this new web-based interface to members of the Travel Forecasting Subcommittee.

Staff began recruitment of a Transportation Planner II/III to replace a Transportation Planner III who will be relocating out of the Washington region in June.

6. **TECHNICAL ASSISTANCE**

A. **DISTRICT OF COLUMBIA**

1. Program Development, Data Requests & Miscellaneous Services

No work activity during the reporting

2. Traffic Counts

Staff continued processing of the CY 2011 traffic counts and gave a status report to the members of the DDOT HPMS Coordinating Committee.

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

Staff reviewed proposals for the FY 13 traffic counts, convened a technical selection panel for the RFP for the FY 13 counts, and selected a contractor.

3. Bicycle Counts

No work activity during the reporting period.

4. Curbside Data Collection

No work activity during the reporting period.

5. Multimodal Coordination for Bus Priority Hot Spots

The contractor began Task #4 – the conceptual design and benefit-cost analysis of bus priority improvements for six locations (2 each in DC, MD, and VA). TPB staff also worked with the contractor to schedule a regional webinar in June for participants to provide input and discuss the

conclusions of the study. Final comments from Task #3, the field survey of hot spot locations, were also reviewed for inclusion in the final report.

6. Truck and Bus Restriction Sign Survey – Phase 1

Staff continued work on the survey and sign inventory by adding locations not covered in the initial transmittal to DDOT.

7. Motorcoach Counts

Staff conducted follow-up activities of the draft technical memorandum.

B. **MARYLAND**

1. Program Development /Management

No work activity during the reporting period.

2. Project Planning Studies

The model validation results were presented to MDSHA at a program coordination meeting on May 18 and TPB staff received a sign-off on the validation modeling. Subsequently staff finished the remaining summary tasks on the 2010 model validation and successfully executed the 2040 No Build and Build scenarios and summarized the findings.

3. Feasibility/Special Studies

Following an initial highway validation review, staff proceeded with a transit validation in the Viers Mill Road corridor. Staff reviewed the network connectivity to transit, route alignments and frequencies of bus routes serving the corridor. Staff also worked with the models development team and its consultants to improve the transit assignment process used in the study and the regional process. Following extensive review and network coding, staff executed the validation and shared the findings with MDSHA during program coordination meeting in May. The initial results were compared against WMATA and Ride-On ridership data and Household Travel Survey-based data.

4. Transportation Performance Measures

In response to a follow up request from MDSHA and consistent with the scope of work, TPB staff completed and transmitted summaries of additional congestion indicators for a before-and-after ICC evaluation. Staff used the 2010 INRIX travel time data in the study area to calculate travel time indices for longer segments specified by MDSHA. In addition, TPB staff participated in an MDOT meeting designed to identify

MD statewide mobility performance measures for the upcoming state mobility report.

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

As a 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.

For FY 2013, the Maryland Department of Transportation (MDOT) is expected to commit \$160,000 in funding for projects in Maryland. MDOT has expressed interest in funding projects that focus on Transit-Oriented Development, an ongoing goal within the state.

8. Multimodal Coordination for Bus Priority Hot Spots

The contractor began Task #4 – the conceptual design and benefit-cost analysis of bus priority improvements for six locations (2 each in DC, MD, and VA). TPB staff also worked with the contractor to schedule a regional webinar in June for participants to provide input and discuss the conclusions of the study. Final comments from Task #3, the field survey of hot spot locations, were also reviewed for inclusion in the final report.

9. Other Tasks yet to be Defined

No work activity during the reporting period.

C. VIRGINIA

1. Program Development

Staff discussed the status of technical assistance tasks with VDOT staff for the remainder of FY 2012 and prepared the monthly progress report.

Northern Virginia HOV Facilities Monitoring and Data Collection

No work activity during the reporting period.

3. Travel Demand Modeling

Staff confirmed modeling procedures in response to a question from a VDOT consultant.

4. Regional Survey – Analysis and Report

Staff completed draft geographies for correspondence between the TPB TAZ system and the VDOT J/R/S system and began data tabulation for both sets of geographies for both the HTS and base year model estimates.

5. Travel Demand Management and Non-Motorized Travel

No work activity during the reporting period.

6. Regional and Sub-Regional Studies

Staff attended the monthly I-66 Multimodal Study PARC meeting and the Cooperating and Participating Agencies meeting for the I-66 Tier 1 EIS.

Staff reviewed the final draft of the I-66 MMS study report. Staff and consultants continued analysis of travel conditions and bus operations on I-66 inside the Beltway.

7. Other Tasks Yet to be Defined

No work activity during the reporting period.

8. Multimodal Coordination for Bus Priority Hot Spots

The contractor began Task #4 – the conceptual design and benefit-cost analysis of bus priority improvements for six locations (2 each in DC, MD, and VA). TPB staff also worked with the contractor to schedule a regional webinar in June for participants to provide input and discuss the conclusions of the study. Final comments from Task #3, the field survey of hot spot locations, were also reviewed for inclusion in the final report.

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. Multimodal Coordination for Bus Priority Hot Spots

The contractor began Task #4 – the conceptual design and benefit-cost analysis of bus priority improvements for six locations (2 each in DC, MD, and VA). TPB staff also worked with the contractor to schedule a regional webinar in June for participants to provide input and discuss the conclusions of the study. Final comments from Task #3, the field survey of hot spot locations, were also reviewed for inclusion in the final report.

4. Regional BRAC and Federal Employment Consolidation Impact Analysis

No work activity during the reporting period.

5. Metrorail Station Access Alternatives Study

The contractor completed the final report and submitted to WMATA on May 15. The contract is now closed. WMATA staff will present the study results and their use of the material later in the calendar year.

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

A. Ground Access Travel Time Study – Phase 2

No work activity during the reporting period.

B. Update Ground Access Forecast – Phase 2

Staff presented information on recently completed CASP projects to the TPB on May 16th. Staff responded to follow-up media inquiries on the ground access travel time study. Staff also transmitted the draft Ground Access Forecast update to the Aviation Technical Subcommittee at its meeting on May 24th. Staff completed the draft CASP 27 grant application.

C. Ground Access Element Update – Phase 1

No work activity during the reporting period.

D. Conduct 2011 Regional Air Passenger Survey

No work activity during the reporting period.

E. Process 2011 Air Passenger Survey

Staff transmitted the technical report for the 2011 Air Passenger Survey to the Aviation Technical Subcommittee at its meeting on May 24th.

8. SERVICES/SPECIAL PROJECTS

CONSULTANT SUPPORT

1. AECOM Technical Assistance – Travel Demand Model Development and Application - \$150,000.
2. Shapiro Transportation Consulting, LLC - Travel Demand Model Applications and Related Technical Activity – \$25,000.

**FY 2012 TRANSPORTATION PLANNING BOARD
COG/TPB BUDGET EXPENDITURE SUMMARY
FY-TO-DATE May, 2012**

	BUDGET TOTAL	FUNDS EXPENDEI	% FUNDS EXPENDED
1. PLAN SUPPORT			
A. Unified Planning Work Program (UPWP)	70,700.00	56,179.23	79%
B. Transportation Improvement Program (TIP)	240,600.00	220,448.69	92%
C. Constrained Long-Range Plan	588,400.00	431,331.32	73%
D. Financial Plan	64,000.00	49,664.03	78%
E. Public Participation	471,900.00	375,258.73	80%
F. Private Enterprise Participation	18,300.00	7,806.36	43%
G. Annual Report	80,100.00	56,829.09	71%
H. Transportation / Land Use Connection Program	395,000.00	267,986.96	68%
I. DTP Management	452,100.00	424,650.32	94%
SUBTOTAL	2,381,100.00	1,890,154.71	79%
2. COORDINATION PLANNING			
A. Congestion Management Process (CMP)	205,000.00	119,395.63	58%
B. Management, Operations & ITS Planning	340,300.00	226,120.84	66%
C. Emergency Preparedness Planning	75,400.00	34,357.48	46%
D. Transportation Safety Planning	125,000.00	107,571.67	86%
E. Bicycle and Pedestrian Program	108,700.00	102,956.91	95%
F. Regional Bus Planning	100,000.00	94,419.77	94%
G. Human Service Transportation Coordination Planning	134,828.00	117,894.08	87%
H. Freight Planning	150,000.00	129,278.63	86%
I. MATOC Program Planning & Support	120,000.00	119,047.99	99%
SUBTOTAL	1,359,228.00	1,051,042.99	77%
3. FORECASTING APPLICATIONS			
A. Air Quality Conformity	563,200.00	486,467.84	86%
B. Mobile Emissions Analysis	640,100.00	590,139.03	92%
C. Regional Studies	466,300.00	418,428.73	90%
D. Coord. Cooperative Forecasting & Trans Planning	806,800.00	645,552.83	80%
SUBTOTAL	2,476,400.00	2,140,588.43	86%
4. DEVELOPMENT OF NETWORKS AND MODELS			
A. Networks Development	769,700.00	648,513.80	84%
B. GIS Technical Support	548,800.00	427,149.03	78%
C. Models Development	1,076,176.00	856,665.55	80%
D. Software Support	178,900.00	144,717.92	81%
SUBTOTAL	2,573,576.00	2,077,046.30	81%
5. TRAVEL MONITORING			
A. Regional BRAC/Fed Consolidation Impact Analysis	250,800.00	150,827.21	60%
B. Congestion Monitoring and Analysis	350,000.00	293,696.26	84%
C. Travel Survey and Analysis			
Household Travel Survey	1,136,300.00	675,795.18	59%
D. Regional Transportation Clearinghouse	317,900.00	261,893.38	82%
SUBTOTAL	2,055,000.00	1,382,212.03	67%
SUBTOTAL CORE PROGRAM ITEMS 1-5	10,845,304.00	8,541,044.47	79%
6. TECHNICAL ASSISTANCE			
A. District of Columbia	396,593.00	261,793.30	66%
B. Maryland	662,951.00	546,993.80	83%
C. Virginia	433,200.00	300,846.88	69%
D. WMATA	280,283.00	179,420.47	64%
SUBTOTAL	1,773,027.00	1,289,054.48	
TPB GRAND TOTAL	12,618,331.00	9,830,098.92	78%

**FY 2012 TRANSPORTATION PLANNING BOARD
FINANCIAL STATUS OF TECHNICAL ASSISTANCE
FY-TO-DATE May, 2012
SUPPLEMENT 1**

	TOTAL		FTA/STA/LOC		FTA		PL FUNDS/LOC	
	AUTHORIZED BUDGET	TOTAL EXPENDITURES	AUTHORIZED BUDGET	EXPENDITURES	EXPENDITURES	EXPENDITURES	AUTHORIZED BUDGET	FHWA EXPENDITURES
A. District of Columbia								
1. Program Development, Data Requests & Misc. Services	15,543	6,680.68	1,635	703			13,908	5,977.91
2. Traffic Counts	200,000	135,775.35	21,039	14,283			178,961	121,492.41
3. Bicycle Counts	56,000	3,928.57	5,891	413			50,109	3,515.30
4. Curbside Data Collection	20,000	19,994.83	2,104	2,103			17,896	17,891.47
5. Multimodal Coordination For Bus Priority Hot spots	30,000	30,000.00	3,156	3,156			26,844	26,844.14
6. Truck and Bus Restriction Sign Survey-Phase 1	45,050	40,623.93	4,739	4,273			40,311	36,350.48
7. DDOT Motorcoach Counts	30,000	24,789.95	3,156	2,608			26,844	22,182.16
SUBTOTAL	396,593	261,793.30	41,720	27,539			354,873	234,253.87
B. Maryland								
1. Program Development/Management	20,000	20,062.47	2,104	2,110			17,896	17,951.99
2. Project Planning Studies	140,000	116,735.04	14,727	12,280			125,273	104,455.06
3. Feasibility/Specials Studies	120,000	113,548.81	12,623	11,945			107,377	101,604.00
4. Transportation Performance Measures	151,000	119,229.03	15,884	12,542			135,116	106,686.69
5. Training/Miscellaneous Technical Support	0	0.00	0	0			0	0.00
6. Statewide Transportation Model Support	40,000	33,479.22	4,208	3,522			35,792	29,957.37
7. Transportation/Land Use Connections Program	160,100	113,939.23	16,842	11,986			143,258	101,953.35
8. Multimodal Coordination for Bus Priority Hot Spots	30,000	30,000.00	3,156	3,156			26,844	26,844.14
9. Other Tasks yet to be defined	1,851	0.00	195	0			1,656	0.00
SUBTOTAL	662,951	546,993.80	69,739	57,541			593,212	489,452.60
C. Virginia								
1. Data/Documentation processing	25,000	18,704.43	2,630	1,968			22,370	16,736.81
2. Northern Virginia HOV Facilities Monitoring and Data Collection	0	0.00	0	0			0	0.00
3. Travel demand Modeling	100,000	76,338.74	10,520	8,030			89,480	68,308.26
4. Regional Survey -Analysis and Report	75,000	50,560.17	7,890	5,319			67,110	45,241.47
5. Travel Demand Management and Non-Motorized Travel	75,000	75,431.56	7,890	7,935			67,110	67,496.51
6. Regional and Sub-regional Studies	128,200	49,811.99	13,486	5,240			114,714	44,572.00
7. Other Tasks to be Defined	0	0.00	0	0			0	0.00
8. Multimodal Coordination for Bus Priority Hot Spots	30,000	30,000.00	3,156	3,156			26,844	26,844.14
SUBTOTAL	433,200	300,846.88	45,571	31,648			387,629	269,199.19
D. WMATA								
1. Program Development	10,783	6,993.30	10,783	6,993			0	0.00
2. Miscellaneous Services	8,500	0.00	8,500	0			0	0.00
3. Multi-Modal Coordination for Bus Priority Hot Spot	126,000	75,772.44	126,000	75,772			0	0.00
4. Regional BRAC/Fed Consolidation Impact Analysis	50,000	3,716.70	50,000	3,717			0	0.00
5. Metrorail Station Access Alternatives Study	85,000	92,938.03	85,000	92,938			0	0.00
SUBTOTAL	280,283	179,420.47	280,283	179,420			0.00	0.00
GRAND TOTAL	1,773,029	1,289,054.46	437,313	296,149			1,335,714	992,905.65