

# **FY 2010**

## **NATIONAL CAPITAL REGION TRANSPORTATION PLANNING BOARD (TPB)**

### **Work Program Progress Report**

#### **MAY 2010**

METROPOLITAN WASHINGTON COUNCIL OF GOVERNMENTS

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# PROGRAM HIGHLIGHTS

## 1. PLAN SUPPORT

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

Work continued on monitoring the FY 2010 UPWP.

### B. Transportation Improvement Program (TIP)

On May 7, the TPB Steering Committee approved one amendment to the FY 2010-2015 TIP to add funding for the Base Realignment and Closure (BRAC) Statewide Administration project, as requested by the Virginia Department of Transportation.

At their meeting on May 19, the TPB was provided with notice that the Washington Metropolitan Area Transit Authority would be requesting an amendment in June to amend the FY 2010-2015 TIP to include \$150 million in new funding for FY 2011.

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

The public comment period for the project submissions to update the 2010 CLRP closed on May 15. Staff tabulated and summarized the comments received and worked with the submitting agencies to draft responses on behalf of the TPB. At the TPB meeting on May 19, the Board was briefed on the project submissions and the comments received and presented with the draft responses. The Board accepted the proposed responses and then approved the projects for inclusion in the Air Quality Conformity Assessment.

### D. Financial Plan

The consultant continued to review, tabulate and analyze the cost and revenue forecast data received from VDOT, DDOT and some localities for incorporation into a draft final report.

### E. Public Participation

On May 26, 2010, the TPB hosted an interactive event called the Conversation on Setting Regional Transportation Priorities, which featured interactive discussion of regional transportation challenges, opportunities, and possibilities for enhancing the process of setting and implementing regional priorities. The invitation-based event included members of the TPB, Technical Committee, Citizens Advisory Committee (CAC), and Access for All (AFA) Advisory Committee. The impetus for the event was a request by the CAC for the TPB to consider the idea of developing a "Regional Priorities Plan" that would serve as a financially-unconstrained regional vision for

transportation investment. The event began with four context-setting presentations made by TPB Chairman Dave Snyder; Vice Chair Todd Turner; Ron Kirby, Director, Department of Transportation Planning; and Maureen Budetti, CAC Chair. The event then transitioned to a series of concurrent interactive conversations designed to address the question: What would a regional transportation priorities plan mean?

The CAC's May 13 meeting focused primarily on the upcoming "Conversation on Setting Regional Transportation Priorities" scheduled for May 26. The CAC also received a short update on the Federal Certification Review of the TPB, which was the main subject of discussion at the CAC's April meeting.

F. Private Enterprise Participation

Staff prepared for the 21<sup>st</sup> Annual TPB Public Transit Forum on May 25<sup>th</sup>. The Forum was well attended and provided an opportunity for public transit operators to share their plans for the coming year with private transit providers.

G. Annual Report

The 2010 Region magazine was printed and mailed to approximately 1,000 recipients.

The May TPB News was produced and distributed.

H. Transportation / Land Use Connection Program (TLC)

The ten projects that were funded for the FY2010 round of TLC projects approached finalization.

The deadline for applications for the FY2011 round of TLC projects was May 12. Twelve applications were received. The selection panel for the next round of projects was scheduled to meet on June 15.

Work continued on an evaluation of the TLC program which will identify cross-cutting themes and lessons that can be obtained from a thorough examination of the past four years of the TLC program. The evaluation is being conducted by the organization Reconnecting America, and will be used to identify opportunities for developing and potentially expanding the program in the future.

I. DTP Management

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

- The DTP Director gave a presentation to the Greater Washington Board of Trade Green Committee on the results of the TPB's "What Would it Take?"

Scenario Study. The same presentation was given three weeks later to the COG Climate, Energy and Environment Policy Committee.

- The DTP Director gave a presentation at a Cosmos Club luncheon on evolving transportation issues in the Washington region.
- The DTP Director chaired a session on value pricing at the WTS annual meeting.

## 2. **COORDINATION PLANNING**

### A. **Congestion Management Process (CMP)**

Staff presented the 2010 Congestion Management Process (CMP) Technical Report (Draft) to the following committee/subcommittees and requested comments:

- TPB Technical Committee, May 7
- MOITS Subcommittee, May 11
- Commuter Connections Subcommittee, May 18
- Travel Forecasting Subcommittee, May 21

Staff received nine comments on the CMP Technical Report and responded accordingly. Staff also made seven additional updates that were not included in the draft report, including adding WMATA bus speed maps.

On May 12, Staff hosted a meeting at MWCOG with an INRIX representative and eight DTP staff to discuss technical details of INRIX data and our (as a MPO) customized data needs.

On May 26, staff monitored the I-95 Corridor Coalition Vehicle Probe Project monthly status webcast, and accepted the invitation to present MWCOG's utilization of INRIX data in the next webcast (June 30).

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

- The Management, Operations, and Intelligent Transportation Systems (MOITS) Policy Task Force and Technical Subcommittee met on May 11, 2010, focusing on review of the draft Strategic Plan for the MOITS Program and the 2010 Congestion Management Process Technical Report.
- Staff continued coordinating with the Regional Emergency Support Function #1 – Emergency Transportation Program, Committee, and staff, including participation in the May 14 RESF-1 Committee meeting. See also Item 2.C.
- Staff continued coordination work with the Metropolitan Area Transportation Operations Coordination (MATOC) Program. Staff continued administrative work with the MATOC partner agencies (DDOT, MDOT, VDOT, and WMATA) to

seek a no-cost period of performance extension of the MATOC agreement, funding, and contract from its current June 30, 2010 expiration to a new September 30, 2010 expiration. Staff also reviewed draft deliverables and other materials and provided feedback to the contractor, and began preparations for the June series of MATOC meetings. See also Item 2.I.

- Staff began finalization of the draft Strategic Plan for the MOITS Planning Program. This major document is intended to guide upcoming MOITS activities, and provides a list of potential regional projects that could be considered for future funding opportunities. Staff presented the strategic plan to the TPB Technical Committee on May 7 and to the TPB on May 19. In response to a Board request on May 19, staff began developing an executive package on the strategic plan for approval by the TPB at the upcoming June 16 meeting.
- Traffic Signals Activities: Staff also continued work on a regional summary map of traffic signal locations and conditions.
- Regional ITS Architecture Activities: Staff continued maintenance and update work on the Regional ITS Architecture.
- On May 27, staff participated in a webinar as part of a Federal Highway Administration expert panel on operations benefit/cost analysis

#### C. Transportation Emergency Preparedness Planning

The Regional Emergency Support Function-1 – Transportation (RESF-1 – Transportation) Committee provides an interface between transportation and emergency management agencies and activities; and is staffed by a Public Safety Planner from COG's Department of Public Safety and Health. The RESF-1 committee met on May 14<sup>th</sup> 2010. At the April meeting staff worked with the committee again to update the RESF- 1 RICCS membership list. This meeting was held at WMATA Headquarters. A briefing was provided by the director of WMATA's Emergency Management Department. On May 12<sup>th</sup> 2010 RESF-1 staff person attended the EPC meeting to assist RESF-1's chairs in commenting on the NCR Strategic Plan.

RESF-1's staff person coordinated with TPB staff to develop agenda items for the upcoming (June 11<sup>th</sup> 2010) joint RESF-1/ MOITS meeting. RESF-1 staff will continue to work with RESF-1's chairs as well as TPB staff to prepare and drive committee work.

#### D. Transportation Safety Planning

Staff compiled and analyzed regional fatality, crash, and injury data relating to emphasis areas in the Safety element of the Constrained Long-Range Plan.

#### E. Bicycle and Pedestrian Planning

Sections of the update to bicycle and pedestrian plan which did not depend on the database of projects were revised and updated. All agencies which had projects in the

database submitted revisions. Staff briefed the Bicycle and Pedestrian Subcommittee on the latest draft of the bicycle and pedestrian plan, which does not yet reflect recent changes to the database, and scheduled a working group meeting for June to review a draft which will reflect those changes.

The Bicycle and Pedestrian Subcommittee was also briefed on COG's Region Forward 2050 Plan, and discussed the proposed integration of the relevant targets and indicators from Region Forward with the bicycle and pedestrian plan, as well as tracking a number of additional indicators relevant to the walking and bicycling targets in Region Forward 2050.

The Bicycle and Pedestrian Subcommittee and TPB staff worked with WMATA and other agencies staff to revise the TIGER I federal stimulus funding grant proposal for a regional bike sharing program to include improvements for bicycle access to transit, which will be submitted for the second round of federal TIGER grant funding. Staff prepared a memo to the TPB summarizing the proposal.

Staff attended the Bike to Work Day rally on May 21<sup>st</sup> and led a COG staff bike ride from Freedom Plaza to the Council of Governments parking garage.

#### F. Regional Bus Planning

In response to a request from the TPB, staff developed a PowerPoint presentation summarizing information on ridership and the characteristics of local and regional transit services available in the region. Aaron Overman, the Regional Bus Subcommittee Chair, delivered this presentation to the TPB Technical Committee at its May 7<sup>th</sup> meeting.

#### G. Human Service Transportation Coordination

Staff reviewed eight applications for Section 5310 funding that were submitted to the District Department of Transportation. The applications were reviewed for consistency with the Coordinated Human Service Transportation Plan for the National Capital Region. A memo explaining the findings was prepared and submitted to DDOT.

Staff attended a research briefing of the Washington Area Women's Foundation and the Urban Institute on challenges facing low-income women. Staff delivered a presentation to the Public Transit Forum on opportunities for private provider participation in the human service transportation coordination program. Staff assisted with the selection committee's evaluation of JARC and New Freedom projects to ensure consistency with the Coordinated Plan. Staff also developed background materials on the task force priority projects and the Coordinated Plan for presentation to the Technical Committee and the TPB.

H. Freight Planning

- Staff continues work on the development of the *National Capital Region Freight Plan 2010*. The document was out for comment to the Freight Subcommittee until May 25, 2010. A few comments were received.
- May 6, 2010 staff hosted a Freight Subcommittee meeting. Presentations were made by Association of American Railroads Vice President John Gray and MWCOG staff Erin Morrow. Freight staff also presented an update to the Subcommittee on progress of the *National Capital Region Freight Plan*.
- For the May 7, 2010 deadline, MWCOG submitted comments to the District Department of Transportation on its Truck Route Map.
- Staff attended the America 2050 Rail Panel Discussion at the Capital Club on May 11, 2010.
- On May 19, 2010 TPB staff participated in a FHWA *Talking Freight Webinar* entitled *Freight Data for State and Local Freight Planning*.
- On May 20, 2010 staff attended the Baltimore Freight Movement Task Force at the CSX Dispatch Center in Lansdowne, Maryland.
- Staff prepared and distributed the monthly *Focus on Freight-May 2010* newsletter.

I. Metropolitan Area Transportation Operations Coordination Program Planning (MATOC)

On December 16, 2009, the TPB amended this new task into the UPWP. Under this work task, TPB provides planning support for the Metropolitan Area Transportation Operations Coordination (MATOC) Program, in conjunction with the MATOC Steering Committee, subcommittees, and partner agencies. The MATOC Program's mission is to monitor, analyze, and provide stakeholder notifications and traveler information to maintain regional situational awareness of regional traffic and transit conditions on a real-time basis, especially during major incidents. MATOC's operational and implementation activities are being funded outside the UPWP by a dedicated grant from the federal SAFETEA-LU transportation legislation, as well as by other current and anticipated future funding. These real-time actions must also be supported by planning activities in part addressed through this UPWP task, including committee support and outreach as well as technical, legal, financial, and administrative planning for MATOC.



Work under this task in May 2010 included:

- Under the guidance of staff, the consultant team prepared for and participated in meetings of the MATOC Information Systems Subcommittee and the MATOC Operations Subcommittee on May 13, and the monthly MATOC Steering Committee meeting on May 18.
- Under the guidance of staff, the consultant team continued work on a MATOC Program benefit-cost analysis white paper.

### 3. **FORCASTING APPLICATIONS**

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

Following the close of the public comment period on the project inputs and the air quality conformity work scope for the 2010 CLRP and FY2011-2016 TIP, staff presented all relevant materials to the TPB at its May meeting. The Board approved the work scope and project inputs, thereby providing notice to proceed for the conformity analysis. Staff began the work activities in the scope and continued to monitor transit fare changes in preparation for updating the fare matrix for the conformity analysis.

Staff finalized and transmitted an internal memorandum that documents and summarizes jurisdiction-to-jurisdiction trip tables based on the 2009 CLRP (October update).

In accordance with TPB consultations procedures, staff completed and distributed the monthly consultation letter. This letter has traditionally been delivered via the post office, but staff is transitioning to an email format. In June, all letter, except to those who request otherwise, will be send via email.

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

Staff continued with climate change work activities, finalizing the draft project report and presenting it to the TPB and to COG's Climate, Energy and Environment Policy Committee. In support of SIP planning activities, staff participated in the May meeting of MWAQC's Technical Advisory Committee.

In conjunction with COG/DEP, staff continued work activities to test EPA's MOVES2010 model. Staff worked on a new local transportation input (vehicle hours of travel under 16 speed ranges) for the MOVES2010 model. Default inputs were reviewed and staff observations were documented. Staff assembled all the local data sources which could be used to develop this input and is in the process of identifying the appropriate data source for various categories in the model, e.g., vehicle type, facility type.

The MOVES Task Force met on May 20, 2010. Members were briefed on progress in developing local inputs, preliminary emissions results, emissions budget comparison, status review of the MOVES2010 workprogram and upcoming MYSQL training.

The Travel Management Subcommittee did not meet during May, 2010 but staff updated the committee on the work program activities undertaken by staff.

In response to a City of Falls Church data request in request in regards to greenhouse gas modeling staff prepared and transmitted VMT by jurisdiction data. In response to a data request by Community Research, staff prepared and transmitted detailed responses describing the modeling methology along with the supporting data.

In May COG/DEP staff performed the following:

- Worked on developing MOVES meteorology and emissions development approach recommendations for the May 18, 2010 MOVES Task Force meeting.
- Coordinated with COG/DTP staff regarding the agenda, meeting materials and other activities for the May 18, 2010 MOVES Task Force meeting.
- Coordinated with states on getting fuel program and I/M program information for MOVES model for running MOVES scenarios for different test years.
- Coordinated with EPA staff on MOVES meteorology data development and emissions development approaches (county vs custom-domain).
- Continued to work collaboratively with COG/DTP staff on analysis of data inputs needs for the MOVES model.
- Kept up to date with MARAMA MOVES modeling activities as part of photochemical modeling for the new ozone and fine particle standards and also received latest updates from EPA OTAQ staff on the MOVES model.
- Attended TPB and TPB Technical Committee meetings.
- Tracked development of the "What Would It Take" Scenario study.

### C. Regional Studies

TPB staff continued work on the CLRP Aspirations and What Would it Take scenarios. Staff completed work on the final documentation of the "What Would It Take?" scenario, including completion of the final technical report and the final report. The final work was presented to the TPB technical committee, the Scenario Study Task Force, and the TPB. Feedback from these committees was incorporated into a final presentation given to the COG Climate Energy and Environment Policy Committee (CEEPC) on May 26. This final work was also presented to external audiences, such

as the ACT Chesapeake Chapter Conference. Staff also continued work on the final documentation for the CLRP Aspirations scenario.

The consultant continued work on tasks 1 and 2 to develop implementation guidelines for prioritizing bus transit on arterials based upon experience in this region and other metropolitan areas. The contract for this work was executed on March 21.

D. Coordination Cooperative Forecasting & Transportation Planning

Staff continued preparation of TAZ-level Round 8.0 forecast data files for the new 3722-TAZ system for BMC, FAMPO and Tri-County Council jurisdictions.

Staff continued to coordinate with CLRP Update and Air Quality Conformity team members of the Round 8.0 TAZ-level Round 8.0 forecasts data files and the schedule for the completion of these data files.

Staff continued work on the 2009 Commercial Construction Indicators Report.

Staff began work on the Annual Economic Trends Report.

Staff responded to questions on the Cooperative Forecast Round TAZ-level 7.2A database of forecast employment, households and population growth and the schedule for the completion of the draft TAZ-level Round 8.0 forecasts.

4. DEVELOPMENT OF NETWORK / MODELS

A. Network Development

Refinement of the 3,722 zone highway network to be used for the Version 2.3 model development continued during May. TPB staff implemented highway network refinements to the base year (2007) highway network based on suggestions submitted by local transportation agencies (Prince George's County, Frederick County, and Prince William Counties). TPB is now well positioned to begin path highway and transit path tracing checks in June, and to begin merging network Level-of-Service data into calibration files supporting the Version 2.3 model development. TPB staff debriefed the Travel Forecasting Subcommittee on the status of the 3,722 TAZ highway and transit networks at the May 21 meeting.

Staff has also continued work on relating 2007 traffic count counts and travel speeds to the 3,722 highway network links. These data will be used to inform the Version 2.3 model validation. Staff has also continued the refinement of highway network links to their true alignments.

The updating of base-year (2009) transit network line file updates supporting upcoming air quality conformity work has been completed. Highway and transit network updates reflecting the latest TIP submissions from the state and local

transportation agencies is now underway. This work is anticipated to continue into the summer.

B. GIS Technical Support.

Staff continued to monitor the performance of ArcGIS 9.2 and the GIS server.

Staff continued to perform quality control checks on the updated the regional highway and transit network databases in the Master Highway and Transit Network editing application. Staff worked with the network coding team to identify and correct consistency errors between the regional highway and transit networks.

Staff continued to support the network coding team on the use of the Master Highway and Transit Network editing application.

Staff implemented the updated version of the Master Highway and Transit Network editing application that resolved a problem with the transit network export function.

Staff completed and documented 18 additional GIS layers for Landmarks and Structures, Community Service Centers and Parklands that were added to the GIS Server and made available to DTP staff.

Staff attended and participated in the May MD MSGIC executive committee meeting.

C. Models Development

The preparation of calibration data supporting the Version 2.3 model development has continued in earnest during May. TPB has compiled and documented a standardized zonal land activity file for the new 3,722 TAZ system. A great deal of analysis work with the final (3/26/10) 2007/08 Household Travel Survey (HTS) has been in motion during May. Calibration files are now in formulation which will support demographic models, trip generation, and trip distribution work. Staff documented the development of GIS-generated pedestrian friendliness measures that were recently compiled. These data will be used to estimate non-motorized travel models. Staff also developed zonal income indices for the 3,722 TAZ system using available Census data. Staff also reviewed and documented on parking cost data from the 2007/08 HTS and from available sources on the web, as a means of updating that particular variable in the travel model. Staff apprised the TFS of these activities at its May 21 meeting.

Staff met with the consultant under contract to conduct focused travel modeling research, Cambridge Systematics, Inc. (CS), in early May to discuss their latest assigned task order work (Tasks 7-10). CS staff shared a memorandum with staff describing initial findings of their research at the meeting. CS staff also presented on their initial findings to the Travel Forecasting Subcommittee at the May 21 meeting. Staff expects draft reports on Tasks 7-10 by the end of June.

Refinement of the 3,722 zone highway network to be used for the Version 2.3 model development continued during May. TPB staff implemented highway network refinements to the base year (2007) highway network based on suggestions submitted by local transportation agencies (Prince George's County, Frederick County, and Prince William Counties). TPB is now well positioned to begin path highway and transit path tracing checks in June, and to begin merging network Level-of-Service data into calibration files supporting the Version 2.3 model development. TPB staff debriefed the Travel Forecasting Subcommittee on the status of the 3,722 TAZ highway and transit networks at the May 21 meeting. formal draft reports on Tasks 7 10 by the end of June.

D. Software Support

Staff finalized and transmitted an internal memorandum documenting locations of primary data files used in travel demand and emissions modeling work.

5. **TRAVEL MONITORING**

A. Cordon Counts

During May, staff continued processing highway and transit travel time data collected in spring 2009 in support of the Central Employment Cordon Count project. It is anticipated that data processing will conclude in early June. After all data are processed and before the end of the reporting period, staff will prepare a report documenting the procedures and results of the Central Employment Cordon Count project.

Staff conducted travel time field data collection for the 2010 Regional HOV Facilities monitoring project. Field data collection is progressing on schedule and is anticipated to conclude in early June.

B. Congestion Monitoring and Analysis

Staff completed preliminary data analysis and began the process of compiling the necessary tables and charts which will be used to develop the figures. The project is on schedule.

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

Staff continued the preparation of the technical documentation for the final geocoded, edited and factored Household Travel Survey (HTS) trip file.

Staff continued to work with the members of the models development team on the review of the HTS data for the development of the Version 2.3 travel demand forecasting model.

Staff continued analysis and processing of the 2007/2008 Household Travel Survey GPS add-on data.

Staff continued to assist consultants for Arlington County transportation staff on an HTS follow on survey in three areas of Arlington County.

D. Regional Transportation Data Clearinghouse

Staff continued the re-design and programming of the user interface for the Regional Transportation Clearinghouse.

Staff continued implementation of the methodology to link the Transportation Data Clearinghouse daily traffic volumes and hourly counts to the new 3722-TAZ highway network.

Staff received 2009 traffic count data from the MSHA and requested 2009 traffic count data from VDOT.

6. **TECHNICAL ASSISTANCE**

A. **DISTRICT OF COLUMBIA**

1. Program Development, Data Requests & Miscellaneous Services

The program manager reviewed final status of the projects in technical assistance program.

2. FY10 DDOT Traffic Counts

Staff executed the consultant contract for the conduct of CY2010 traffic counts.

Staff completed the processing of CY 2009 DDOT traffic counts in a format requested by DDOT staff.

3. Bicycle Counts

No activity to report during the reporting period.

4. Phase II – Evaluation of the Metrobus Priority Corridor Network

This project provides partial funding for the consultant study to evaluate the Metrobus Priority Corridor Network reported under project 6.D.3.

5. WARD 6 Performance Based Parking Pilot Curbside Data Collection

No activity to report during the reporting period.

6. 2009 Automobile Travel Time Survey

Staff collected additional attribute data, including zoning, permit, and sign dimensions, for outdoor advertising signs. These data were entered into the database. A draft list of signs was sent to DCRA in order to obtain permit data and to determine compliance status. Staff completed the maps, database and the final draft of the outdoor advertising inventory report and delivered the report and maps to DDOT for review.

7. Unprogrammed

No activity to report during the reporting period.

8. Purple Line/Return to L'Enfant Conformity Assessment

This project was completed in November 2009.

9. DDOT HPMS Project

Staff prepared the draft agenda for DDOT's monthly HPMS Coordinating Committee meeting, participated in this meeting and drafted the meeting minutes.

**B. MARYLAND**

1. Program Development /Management

Staff continued coordination with MDOT and MD SHA staff regarding execution of FY2010 work program activities and discussion of upcoming FY2011 technical assistance activities.

2. Miscellaneous Services

In response to a data request pertaining to the Montgomery County BRT study, with assistance from other DTP and planning staff at COG, staff transmitted and documented activity center shape files to the project team staff.

3. MDOT Training / Technical Support

Staff reviewed documentation reports, e.g., draft environmental impact study, alternatives retained for detailed study, for various project planning studies in Maryland.

4. SHA-Western Mobility / I-270 Studies

Staff coded networks and executed travel demand modeling work for Alternatives 6B and 7B with HOT lane and ETL options. Staff are still performing quality assurance checks pertaining to these alternatives.

Staff incorporated the draft land use data from Frederick County (consistent with Round 7.2A) received in April into a specialized set of programs referred to as the subarea traffic assignment. This process is utilized to obtain more detailed traffic forecasts in Frederick. Draft results and findings were presented to MD SHA staff at the May SHA/TPB coordination meeting. In mid May, staff received the final version of land use data from Frederick County and began working to incorporate these data into the subarea assignment programs.

Furthermore, staff attended an I-270/ CCT team meeting and received project updates and provided feedback on current activities.

Work on this project is now being funded within the Maryland technical assistance Project Planning/Feasibility Studies element, reported below.

5. MTA-Corridor Cities Transit way / Purple Line Transit

No activity to report during this reporting period.

6. Project Planning / Feasibility Studies

Following the expenditure of all funds on the I-270 Study project element within the Maryland technical assistance program, work activities on that project are now being incorporated into this project area.

7. Managed Lanes-Planning

Having now completed all travel modeling work, staff continued work to document the results of the study in a final report.

8. Traffic Impacts

Funds reprogrammed to next fiscal year.



9. Project Evaluation

Funds reprogrammed to next fiscal year.

10. Statewide Travel Demand Model

No activity to report during the reporting period.

11. Development/Refinement of Technical Methods

Staff continued the evaluation of the FHWA software, BCA.net, in the analysis of two MDSHA projects: 1) the MD 97 @ Randolph Rd. Interchange, and 2) the US 15 Corridor Analysis-Biggs Ford Rd. to MD 26. Staff gave a brief status report on the project at the bi-monthly TPB/MD SHA Coordination meeting.

12. Monitoring Studies

Funds reprogrammed to next fiscal year.

13. Transportation Land Use Connection (TLC)

The ten projects that were funded for the FY2010 round of TLC projects approached finalization.

The deadline for applications for the FY2011 round of TLC projects was May 12. Twelve applications were received. The selection panel for the next round of projects was scheduled to meet on June 15.

Work continued on an evaluation of the TLC program which will identify cross-cutting themes and lessons that can be obtained from a thorough examination of the past four years of the TLC program. The evaluation is being conducted by the non-profit Reconnecting America. This evaluation will be used to identify opportunities for developing and potentially expanding the program in the future.

14. Phase II – Evaluation of the Metrobus Priority Corridor Network

This project provides partial funding for the consultant study to evaluate the Metrobus Priority Corridor Network reported under project 6.D.3.

## C. VIRGINIA

1. Program Development

No activity to report during the reporting period.

2. Miscellaneous Services

No activity to report during the reporting period.

3. Northern Virginia HOV Facilities Monitoring and Data Collection

Staff corrected data issues relating to HOV ridership and revised the final draft report of NVTC's Analysis of AM Peak Period Inbound Travel in Northern Virginia's Dulles Corridor in the Fall of 2009. The report will be submitted to NVTC and VDOT for review in June.

4. High Occupancy / Toll (HOT) Lane Traffic Analyses

This task was carried over to the FY2011 UPWP.

5. Travel Forecast Model Refinements

This task was carried over to the FY2011 UPWP.

6. Data Mine State of the Commute Survey

This task was carried over to the FY2011 UPWP

7. Phase II - Evaluation of the Metrobus Priority Corridor Network

This project provides partial funding for the consultant study to evaluate the Metrobus Priority Corridor Network reported under project 6.D.3.

8. Household Survey Analysis

This is a new project resulting from a UPWP amendment in March. This project has not yet started.

9. Northern Virginia Bicycle/Pedestrian Count

This is a new project resulting from a UPWP amendment in March. This project has not yet started.

## D. **WMATA**

### 1. Program Development

The program manager reviewed the projects in technical assistance program.

### 2. Miscellaneous Services

TPB staff provided travel demand and network data as requested for the WMATA Regional Transit System plan project.

### 3. Phase II – Evaluation of the Metrobus Priority Corridor Network

The Final report for this project was submitted and the project is complete.

### 4. Analyze Bus Passenger Survey Trip Origins and Destinations

No activity to report during the reporting period.

### 5. Collection of Bus Passenger Counts

This work activity was deleted on January 8, 2010 by TPB Steering Committee Resolution SR12-2010.

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

### A. Conduct 2009 Air Passenger Survey

This task is complete.

### B. Process 2009 Air Passenger Survey

Staff completed processing and geocoding the 2009 air passenger survey data and commenced data analysis as part of this effort. Staff prepared tables and charts portraying survey data and included them in a technical memorandum containing general findings. The technical memorandum was presented to the Aviation Technical Subcommittee at its May meeting.

C. Ground Access Forecast and Element Updates

1. Update Air Passenger Ground Access Forecasts (Phases 1 and 2)

No activity to report during the reporting period.

2. Ground Access Element Update

Staff prepared a comment matrix that identified all the substantive comments received to date on the Preliminary Draft Ground Access Element update. This matrix was used to facilitate a comment review session during the May meeting of the Aviation Technical Subcommittee. During this session, Subcommittee members discussed the comments and advised staff on how to address them when it prepares a revised Draft Ground Access Element Update that will be presented to the Subcommittee in July.

D. Ground Access Travel Time Study

No activity to report during the reporting period. This program has not yet started.

E. Other CASP Activities

No activity to report during the reporting period.

8. **SERVICES/SPECIAL PROJECTS**

A. DDOT Commercial Curbside Loading Zone Data Collection

This task is complete.

**CONSULTANT SUPPORT**

1. Cambridge Systematics, Inc. – Technical Assistance – Travel Demand Model Development and Application - \$150,000.
2. Cambridge Systematics, Inc – Analysis of Financial Resources for the 2010 CLRP for the Washington Region - \$100,000.
3. MCV Associates- Traffic Count Program - \$60,000.

**FY 2010 TRANSPORTATION PLANNING BOARD  
COG/TPB BUDGET EXPENDITURE SUMMARY  
FY-TO-DATE May 31, 2010**

	BUDGET TOTAL	FUNDS EXPENDED	% FUNDS EXPENDED
<b>1. PLAN SUPPORT</b>			
A. Unified Planning Work Program (UPWP)	70,700	65,178	92%
B. Transportation Improvement Program (TIP)	251,830	129,002	51%
C. Constrained Long-Range Plan	638,400	496,434	78%
D. Financial Plan	134,000	85,600	64%
E. Public Participation	446,900	412,562	92%
F. Private Enterprise Participation	18,300	9,727	53%
G. Annual Report	80,100	68,299	85%
H. Transportation / Land Use Connection Program	465,000	283,840	61%
I. DTP Management	452,100	320,315	71%
<b>SUBTOTAL</b>	<b>2,557,330</b>	<b>1,870,957</b>	<b>73%</b>
<b>2. COORDINATION PLANNING</b>			
A. Congestion Management Process (CMP)	155,000	149,714	97%
B. Management, Operations & ITS Planning	390,300	388,306	99%
C. Emergency Preparedness Planning	75,400	41,575	55%
D. Transportation Safety Planning	100,000	45,563	46%
E. Bicycle and Pedestrian Program	108,700	74,592	69%
F. Regional Bus Planning	100,000	76,998	77%
G. Human Service Transportation Coordination Planning	114,800	99,020	86%
H. Freight Planning	130,000	120,594	93%
I. MATCO Program Planning & Support	90,000	21,639	24%
<b>SUBTOTAL</b>	<b>1,264,200</b>	<b>1,018,001</b>	<b>81%</b>
<b>3. FORECASTING APPLICATIONS</b>			
A. Air Quality Conformity	563,200	454,951	81%
B. Mobile Emissions Analysis	640,100	581,975	91%
C. Regional Studies	415,800	362,145	87%
D. Coord. Cooperative Forecasting & Trans Planning	726,800	625,055	86%
<b>SUBTOTAL</b>	<b>2,345,900</b>	<b>2,024,125</b>	<b>86%</b>

**FY 2010 TRANSPORTATION PLANNING BOARD  
COG/TPB BUDGET EXPENDITURE SUMMARY  
FY-TO-DATE May 31, 2010**

	BUDGET TOTAL	FUNDS EXPENDED	% FUNDS EXPENDED
<b>4. DEVELOPMENT OF NETWORKS AND MODELS</b>			
A. Networks Development	769,700	674,200	88%
B. GIS Technical Support	548,800	402,188	73%
C. Models Development	1,071,200	814,156	76%
D. Software Support	178,900	104,306	58%
<b>SUBTOTAL</b>	<b>2,568,600</b>	<b>1,994,850</b>	<b>78%</b>
<b>5. TRAVEL MONITORING</b>			
A. Cordon Counts	460,750	311,262	68%
B. Congestion Monitoring and Analysis	400,000	384,265	96%
C. Travel Survey and Analysis Household Travel Survey	456,300	363,715	80%
D. Regional Transportation Clearinghouse	267,900	157,455	59%
<b>SUBTOTAL</b>	<b>1,584,950</b>	<b>1,216,698</b>	<b>77%</b>
<b>SUBTOTAL CORE PROGRAM ITEMS 1-5</b>			
	<b>10,320,980</b>	<b>8,124,632</b>	<b>79%</b>
<b>6. TECHNICAL ASSISTANCE</b>			
A. District of Columbia	333,300	161,668	49%
B. Maryland	631,500	432,067	68%
C. Virginia	331,643	282,283	85%
D. WMATA	210,977	166,165	79%
<b>SUBTOTAL</b>	<b>1,507,420</b>	<b>1,042,184</b>	
<b>TPB GRAND TOTAL</b>	<b>11,828,400</b>	<b>9,166,815</b>	<b>77%</b>

**FY 2010 TRANSPORTATION PLANNING BOARD  
FINANCIAL STATUS OF TECHNICAL ASSISTANCE  
FY-TO-DATE May 31, 2010  
SUPPLEMENT 1**

	COST CODES	TOTAL		TOTAL		FTA/STALO		PL FUNDS/LOC		
		AUTHORIZED BUDGET	EXPENDITURES	AUTHORIZED BUDGET	EXPENDITURES	AUTHORIZED BUDGET	EXPENDITURES			
<b>A. District of Columbia</b>										
1. Program Development, Data Requests & Misc. Services	040	17,500	14,306.75	2,327	1,902.00	15,173	12,404.75			
2. DDOT Traffic Counts	041	150,000	51,106.00	19,944	6,794.90	130,056	44,311.10			
3. Bicycle Counts	042	55,000	7,352.22	7,313	977.58	47,687	6,374.64			
4. Phase II - Evaluation of the Metrobus Priority Corridor Network	043	33,000	31,867.00	4,388	4,237.33	28,612	27,629.67			
5. DC Ward 6 Ballpark	044	15,800	12,047.35	2,101	1,601.99	13,699	10,445.36			
6. 2009 Automobile Travel Time Survey	045	30,000	13,569.74	3,989	1,904.32	26,011	11,765.42			
7. Unprogrammed	046	0	0.00	0	0.00	0	0.00			
8. Purple Line / Return to L'Enfant Conformity Assessment	047	32,000	31,320.69	4,255	4,164.65	27,745	27,156.04			
<b>SUBTOTAL</b>		<b>333,300</b>	<b>161,569.75</b>	<b>44,316</b>	<b>21,482.78</b>	<b>288,984</b>	<b>140,086.98</b>			
<b>B. Maryland</b>										
1. Program Development/Management	060	25,000	19,274.09	3,324	2,562.68	21,676	16,711.41			
2. Miscellaneous Services	061	24,200	1,328.71	3,218	176.69	20,982	1,152.02			
3. MDT Training /Technical Support	062	25,000	17,966.79	3,324	2,388.86	21,676	15,577.93			
4. SHA-Western Mobility/Capital Beltway Studies	063	82,300	80,798.16	10,942	10,742.33	71,358	70,055.83			
5. MTA- Corridor Cities Transit way / Purple Line Transit	064	40,000	32,117.84	5,318	4,270.07	34,682	27,847.77			
6. Project Planning / Feasibility Studies	065	77,000	35,432.18	10,238	4,711.10	66,762	30,721.08			
7. Managed Lanes-Planning	066	135,000	125,137.22	17,949	16,637.69	117,051	108,499.53			
8. Traffic Impacts	067	5,000	1,065.06	665	141.65	4,335	923.40			
9. Project Evaluation	068	0	0.00	0	0.00	0	0.00			
10. Statewide Travel Demand Model	069	35,000	28,845.41	4,653	3,834.79	30,347	25,010.62			
11. Development/Refinement of Technical Methods	070	50,000	38,863.48	6,648	5,167.28	43,352	33,696.20			
12. Monitoring Studies	071	0	0.00	0	0.00	0	0.00			
13. Transportation Land Use Connection (TLC)	072	100,000	19,371.08	13,296	2,575.58	86,704	16,795.50			
14. Phase II - Evaluation of the Metrobus Priority Corridor Network	073	33,000	31,867.00	4,388	4,237.33	28,612	27,629.67			
<b>SUBTOTAL</b>		<b>631,500</b>	<b>432,067.01</b>	<b>83,963</b>	<b>57,446.04</b>	<b>547,537</b>	<b>374,620.96</b>			
<b>C. Virginia</b>										
1. Program Development	080	8,000	10,969.11	1,064	1,458.26	6,936	9,510.85			
2. Miscellaneous Services	081	643	302.50	85	39.99	558	262.52			
3. NVA. HOV Facilities Monitoring & Data Collection	082	255,000	239,145.46	33,905	31,796.97	221,095	207,348.49			
4. High Occupancy / Toll (Hot) Lane Analysis I-95 / 395 Corridor	083	0	0.00	0	0.00	0	0.00			
5. Travel Forecast Model Refinements	084	0	0.00	0	0.00	0	0.00			
6. Data Mine State of the Commute Survey	085	0	0.00	0	0.00	0	0.00			
7. Phase II - Evaluation of the Metrobus Priority Corridor Network	086	33,000	31,866.00	4,388	4,237.19	28,612	27,628.81			
8. Household Survey Analysis	087	15,000	0.00	1,995	0.00	13,005	0.00			
9. NOVA Bike Ped. Count	088	20,000	0.00	2,660	0.00	17,340	0.00			
<b>SUBTOTAL</b>		<b>331,643</b>	<b>282,283.07</b>	<b>44,097</b>	<b>37,532.40</b>	<b>287,546</b>	<b>244,750.67</b>			
<b>D. WMATA</b>										
1. Program Development	100	10,000	4,235.28	10,000	4,235.28	0	0.00			
2. Miscellaneous Services	101	35,977	9,484.75	35,977	9,484.75	0	0.00			
3. Phase II - Evaluation of the Metrobus Priority Corridor Network	102	125,000	125,991.60	125,000	125,991.60	0	0.00			
4. Analyze Bus Passenger Survey Trip Origins & Destinations	103	40,000	26,453.74	40,000	26,453.74	0	0.00			
5. Collection of Bus Passenger Counts	104	0	0.00	0	0.00	0	0.00			
<b>SUBTOTAL</b>		<b>210,977</b>	<b>166,165.37</b>	<b>210,977</b>	<b>166,165.37</b>	<b>0</b>	<b>0.00</b>			
<b>GRAND TOTAL</b>		<b>1,507,420</b>	<b>1,042,085.20</b>	<b>383,352</b>	<b>282,626.60</b>	<b>1,124,067</b>	<b>759,458.61</b>			