

FY 2010

NATIONAL CAPITAL REGION

TRANSPORTATION PLANNING BOARD (TPB)

Work Program Progress Report

APRIL 2010

PROGRAM HIGHLIGHTS

1. PLAN SUPPORT

A. Unified Planning Work Program (UPWP)

In April, the FY 2011 UPWP was submitted to the FHWA and FTA for their review and approval. Work continued on monitoring the FY 2010 UPWP.

B. Transportation Improvement Program (TIP)

On April 9, the TPB Steering Committee approved one amendment to the FY 2010-2015 TIP to add funding for the design of BRAC-related intersection improvements near Joint Base Andrews in Prince George's County as requested by the Maryland Department of Transportation.

TPB staff processed four administrative modifications to the FY 2010-2015 TIP during the month of April.

C. Constrained Long-Range Plan (CLRP)

TPB staff worked with staff persons from member agencies to prepare the descriptions and details for project submissions to be included in the Draft 2010 Update to the CLRP. Staff used the information provided to create "public-friendly" descriptions and maps to explain the projects. These were presented to the TPB Technical Committee

on April 9 for their review. TPB staff worked with members of the Technical Committee over the following week to finalize the project submissions. On April 15, the project submissions were released for public comment at the Citizens Advisory Committee. Notice of the public comment period was also provided on the CLRP web site, in the Washington Post, El Pregonero, and Afro-American newspapers, and via an email blast to all TPB subscriber lists. The Board was briefed on the project submissions at their meeting on April 21.

TPB Staff also continued working with staff from member agencies to compile a list of projects for an "unconstrained" long range plan based on the approved long-range transportation plans from TPB's member jurisdictions. The preliminary list of projects was compared against the existing CLRP to eliminate duplicate projects.

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. A status report on the financial analysis was presented at the April 9 meeting of the Technical Committee and the April 21 TPB meeting.

E. Public Participation

Access for All Advisory Committee

During the month of April, staff finalized the letter to the WMATA board regarding the AFA concerns and recommendations regarding WMATA's proposed FY2011 MetroAccess budget. The letter was sent to the WMATA Board by AFA Chair Cathy Hudgins.

Staff also prepared for the AFA meeting on April 22. At the meeting, the Federal Team conducting the planning certification review made a presentation on the certification process and asked the AFA for feedback on the effectiveness of the TPB's public participation process. DDOT staff made a presentation on the D.C. Streetcar plan and WMATA staff and Chair Hudgins provided the AFA with an update on the WMATA Board budget discussions.

The Citizen Advisory Committee's April 15 meeting focused on discussion of the U.S. DOT Certification Review of the metropolitan transportation planning process. The review is conducted every three years to ensure that federally-required planning activities are satisfactorily implemented by the TPB. The CAC meeting included a lively exchange among federal agency representatives and the

TPB staff continued planning for an event, called "A Conversation on Setting Regional Transportation Priorities," which will be conducted on May 26. This forum will provide an opportunity to address the CAC's recommendation that the TPB should develop a

long-range regional transportation priorities plan. As recommended by the CAC, this forum will involve elected and appointed officials (especially TPB members), planners and interested stakeholders from the community.

F. Private Enterprise Participation

No activity to report during the reporting period.

G. Annual Report

Staff finished writing text for the 2010 Region magazine. The publication was laid out and approached finalization.

The April TPB News was produced and distributed.

H. Transportation / Land Use Connection Program (TLC)

Work proceeded on all ten projects that have been funded for the FY2010 round of TLC projects.

Work began 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.

I. DTP Management

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

- The DTP Director and several DTP staff members participated in a series of meetings with members of the USDOT certification team.
- The DTP Director gave a presentation to the Northern Virginia Streetcar Coalition on regional transportation planning.
- The DTP Director sat with representatives of the General Accountability Office to discuss growth in transit passenger demand in the region.

2. COORDINATION PLANNING

A. Congestion Management Process (CMP)

Staff completed the 2010 Congestion Management Process (CMP) Technical Report (Draft) and mailed it out for the May 7th TPB Technical Committee Meeting.

On April 27, staff presented the 2010 CMP Technical Report (Draft) to the Travel Management Subcommittee Meeting and made a request for comments.

On April 19, staff attended the Congestion Management Process section of the *U.S. DOT Certification Review of the Washington, D.C., Metropolitan Area Transportation Planning Process* and answered questions raised by the review panel..

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 April 13, 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 April 9 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 May series of MATOC meetings. See also Item 2.I.
- The draft Strategic Plan for the MOITS Program was released for committee comment on April 7. 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. In addition to the April 13 MOITS meeting, staff made presentations on the strategic plan at the April 9 TPB Technical Committee meeting, the April 9 RESF-1 meeting, and the April 20 MATOC Steering Committee 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 April 15, 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 April 9th 2010. At the April meeting staff worked with the committee to update the RESF- 1 RICCS membership list. Planning was also done this month for the May meeting to be hosted by WMATA Emergency Management at WMATA headquarters.

RESF-1's staff person worked with the RESF-1 chairs to provide input into the ongoing National Capital Region Strategic Plan update process. RESF-1's staff person briefed MOITS on April 13th on the UASI 2010 items as well as the NCR Strategic Plan process. RESF-1's staff person will coordinate with the chairs of the committee to establish an agenda for the meeting.

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. The 2007/2008 household travel survey data was used to estimate pedestrian and bicyclist fatalities relative to mode share in the TPB member jurisdictions.

Staff attended meetings and answered questions relating to the U.S. DOT certification review of the Washington, D.C., metropolitan area transportation planning process.

E. Bicycle and Pedestrian Planning

Sections of the bicycle and pedestrian plan which did not depend on the database of projects were revised and updated. All but two agencies submitted their revised projects for the bicycle and pedestrian project database.

The TPB was briefed on the Spring 2010 Street Smart pedestrian and bicycle safety campaign.

Staff attended meetings and answered questions relating to the U.S. DOT certification review of the Washington, D.C., metropolitan area transportation planning process.

Staff attended an exploratory meeting at the Dutch Embassy with DDOT to discuss the possibility of hosting a series of Dutch themed bicycled workshops in Washington, D.C. Staff participated in a webinar on the impact of the new Manual on Uniform Traffic Control Devices on pedestrians and bicyclists.

F. Regional Bus Planning

Staff collected and summarized data to respond to a Transportation Planning Board request for information on ridership and the characteristics of local and regional transit services available in the region. A draft PowerPoint presentation was developed for the May 7th TPB Technical Committee meeting. Staff prepared for the April 27th meeting of the Regional Bus Subcommittee and continued with planning for the 21st Annual TPB Public Transit Forum to take place on May 25th.

G. Human Service Transportation Coordination

Staff reviewed four applications for Section 5310 funding that were submitted to the Maryland Transit Administration. 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 MTA.

Staff hosted a travel training seminar in collaboration with Easter Seals Project ACTION and WMATA's Office of ADA Programs. The seminar featured a speaker

from Norfolk County, England to talk about their Travel Independence Training Across the Nation (TITAN) program.

During the month of April, staff prepared for a selection committee meeting to support the JARC and New Freedom selection process defined by the Coordinated Human Service Transportation Plan. Staff hosted a special joint follow-up meeting with the Access for All Advisory Committee on the MetroAccess budget proposals. Staff participated in the two-day Planning Certification Review with representatives from FTA, FHWA and other federal agencies.

H. Freight Planning

- Staff continues work on the development of the *National Capital Region Freight Plan 2010*.
- Staff prepared written information for the Federal Certification Review and on April 20, 2010 answered questions about the Freight Program before the Federal Certification Committee.
- April 22, 2010 staff attended the District of Columbia Motor Carrier Vehicle Program, Commercial Vehicle Loading Zone stakeholder meeting. District staff also presented a proposed Truck Route map to the attendees for comment.

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 April 2010 included:

- Under the guidance of staff, the consultant team prepared for and participated in a meeting of the MATOC Operations Subcommittee on April 1, and the monthly MATOC Steering Committee meeting on April 20.

- 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

Regarding the upcoming air quality conformity assessment of the 2010 CLRP and FY2011-2016 TIP, staff prepared the conformity project input table, identifying changes from the last conformity analysis. The work included listing “significant change” projects with detailed information, including cost and funding figures. Staff coordinated with the implementing agencies to provide these tables for the beginning of the public comment period on April 15th. The information was released for public comment on April 15th, with links on the website to the project inputs and conformity scope of work. Staff presented the conformity project tables and the “significant change” list, along with the conformity scope of work at the Technical Committee, CAC, TPB, and Travel Management Subcommittee meetings. Staff continued to monitor transit fare changes in preparation for updating the fare matrix for the conformity analysis.

Staff participated in the air quality planning portion of the Federal Certification meetings held in April.

Staff updated a draft report documenting detailed jurisdiction-level mode choice and Traffic assignment results of the 2009 CLRP update.

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

B. Mobile Emissions Analysis

Staff continued with climate change work activities, primarily involving the assessment of control strategies. This included continuing the analysis of new control measure proposals and work to finalize the draft report on measures analyzed to date. In support of SIP planning activities, staff participated in the April meetings of MWAQC, its Executive Committee, and its Technical Advisory Committee.

In conjunction with COG/DEP, staff continued work activities to test EPA’s MOVES2010 model.

Staff completed development work on four of the local transportation inputs for the MOVES2010 model and documented the methodology. The inputs were developed at the county level and at a higher domain made up of all the jurisdictions within each

state. The MOVES Task Force met on April 20, 2010 and reviewed the preliminary test results obtained with local data for base year 2005 and forecast year 2030. The task force was briefed by air agency representatives on their experience with the MOVES model.

The Travel Management Subcommittee met on April 27, 2010 and discussed a number of items including the draft congestion management plan, greenhouse gas reduction measure analysis, MOVES model work program, and air quality conformity scope of work.

In April COG/DEP staff performed the following:

- Worked on developing meteorology recommendations for the May 18, 2010 MOVES Task Force meeting.
- Developed draft MOVES meteorology data in MOVES format for COG/DTP staff for their testing of MOVES model for winter CO, ozone, and PM2.5 analyses.
- Coordinated with states on getting fuel program and I/M program information for MOVES model for running 2005, 2007, and 2030 MOVES scenarios.
- 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.
- Coordinated with COG/DTP staff regarding providing conformity updates in MWAQC-TAC meeting and attended TPB, TPB Technical Committee, and TMS meetings in April.

C. Regional Studies

A consultant was selected 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. During April, initial work began on identifying members for a technical advisory committee.

TPB staff continued work on the CLRP Aspirations and What Would it Take scenarios. Staff continued work on the final documentation of the "What Would It Take?" scenario, including continued revision of the draft technical report and draft completion

of the final report. Staff revised the analysis for three measures based on feedback from the Travel Management Subcommittee. This work was presented to the TMS

and feedback was incorporated into the technical and final reports. Staff also continued work on the final documentation for the CLRP Aspirations scenario. The CLRP Aspirations scenario was presented to the Cooperative Forecasting and Data Subcommittee.

D. Coordination Cooperative Forecasting & Transportation Planning

Staff followed up on a few questions regarding TAZ-level Round 8.0 forecasts from the District of Columbia, Arlington, and Fairfax Counties. Planning staff in these local jurisdictions agreed to make some minor revisions to their TAZ-level Round 8.0 forecasts to address the issues identified.

Staff began 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 coordinated 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 followed up with local jurisdiction planning staff on identified 2009 commercial construction projects for the 2009 Commercial Construction Indicators Report.

Staff completed development of GIS street network layers for the new 3722-TAZ system that will be used to develop potential measures of the quality of the pedestrian environment within each TAZ.

The quarterly GIS Committee meeting was held on April 28, 2010. The Geospatially Enabling Community Collaboration (GECCo) Initiative and the GIS Data Exchange Project were the main items reviewed and discussed at this meeting.

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

TPB's refinement of the 2007 highway network on the new 3,722 TAZ system continued in April in response to comments received from local transportation agencies (M-NCPPC-Prince George's County, Prince William County's Department of Transportation, and Frederick County Maryland). The comments received focused on

refinement of zonal access connections to the highway system. The suggestions were considered and a number of quality control checks were investigated. Staff also completed Cube-based procedures to develop auto access links on the 3722 transit

network. Work on Cube-based procedures to develop walk access links also begun in April, and is expected to be completed in during early May.

Staff continued the testing and refinement of the transit walk area shed process which will be used in the Version 2.3 mode choice model development and application. The process now operates successfully in ArcGIS 9.3.

Staff also continued the update of current year (2009) transit networks using the most recent transit schedule data. This work will inform the existing (2,191 zone) transit networks that will support the Plan Update and Air Quality Conformity Analysis which planned to commence in April.

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

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

C. Models Development

Following the receipt of the latest the 2007/08 Household Travel Survey files in late March, staff has reviewed the data and has discovered survey observations that were collected on federal holidays. Holiday observations are not desirable for modeling as they do not represent typical weekday travel behavior. Staff developed procedures to remove federal holidays and to re-weight the survey household and trip files. Staff has begun the development calibration files to be used in the development of trip generation, trip distribution, and time of day models. Work on the compilation of mode choice model calibration “targets” using available transit surveys has also continued during April.

Staff completed work on the adaption of the adjustment (or 'Delta') matrix (used in the TPB's updated truck models) from the 2,191 TAZ system to the 3,722 TAZ system. Staff also completed the update of external and through trips for the base year 2007.

The TPB's consultant for conducting national research on travel modeling practice, Cambridge Systematics, continued work on four new task orders that had been recently advanced by TPB staff during April. A meeting between TPB staff and CS is planned for early May to review the results of their work.

As part of the on-going AMPO Advanced Travel Modeling Study, TPB participated in two conference calls to discuss the results of the first task and the planned activities envisioned for task 2. The AMPO study is currently planned to be completed by the end of calendar year 2010.

D. Software Support

Staff updated the memorandum on primary file storage and distributed it to the core team members responsible for the content. This memorandum will be distributed to all of the team members in May.

5. TRAVEL MONITORING

A. Cordon Counts

During April, 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 mid May. After all data are processed, 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.

B. Congestion Monitoring and Analysis

Staff completed scrubbing the data collected under the arterial travel time study and developed a list of makeup runs which will be completed in early May. Data analysis is underway and 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 made a presentation of the results on the 2007/2008 TPB Household Travel Survey to NCPC planning staff.

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

Staff provided MDDOT and VDOT with 2007/2008 Household Travel Survey data for their statewide transportation modeling and planning efforts.

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 began implementation of the methodology to link the Transportation Data Clearinghouse daily traffic volumes and hourly counts to the new highway network based on the new 3722 TAZ system.

6. **TECHNICAL ASSISTANCE**

A. **DISTRICT OF COLUMBIA**

1. Program Development, Data Requests & Miscellaneous Services

No activity to report during the reporting period.

2. FY10 DDOT Traffic Counts

Staff reviewed the recommended listing of the locations for CY 2010 traffic counts with DDOT Staff began preparation of the consultant contract for the conduct of these traffic counts.

Staff processed the CY 2009 DDOT traffic counts in a format requested by DDOT staff.

3. Bicycle Counts

At the request of DDOT, staff conducted bicycle counts at several locations one day in April. Staff and field crews had convened to conduct the counts in March, but due to inclement weather, these counts were not performed on that initial attempt.

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

This project provides partial funding for the consultant study to elevate the Metrobus Priority Corridor Network. See the progress report on this study under WMATA work activity 6.D.3.

5. WARD 6 Performance Based Parking Pilot Curbside Data Collection

Staff met with DDOT personnel to discuss the Ward 6 and Columbia Heights Performance Based Parking Analyses and identify (1) aspects of the reports that were helpful in informing parking policy decision-making in both areas and (2) elements to include in future reports.

6. 2009 Automobile Travel Time Survey

Staff performed a photographic inventory of outdoor advertising signs along District of Columbia streets and highways with functional class of principal arterial or higher. Using these data, staff created a draft database of sign location, type, distance from right-of-way, sign dimensions, and sign on, staff created an ArcGIS Map with photographs linked to the sign locations. The draft database and maps were sent to DDOT and DCRA for review and comments.

7. Unprogrammed

No work activity specified.

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

No activity to report during the reporting period.

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

Staff attended a kick-off meeting for the Montgomery County BRT Study and discussed project input options and modeling methodologies for the study. It has been decided that the team will re-evaluate what the most current inputs are when modeling work is ready to begin.

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 standard travel demand modeling work for Alternatives 3B, 4B, and 5B. Following extensive quality assurance, these runs were transmitted to MD SHA staff. In addition, staff began network coding for Alternative 6B.

Staff received draft land use data for the 136-TAZ system in Frederick. Using these data, staff wrote computer programs in order to be able to execute the process using a revised zone system. Final land use data for the 136-TAZ system in Frederick should become available in early May.

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

No activity to report for during the reporting period.

9. Project Evaluation

No activity to report during the reporting period.

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.

12. Monitoring Studies

No activity to report during this reporting period.

13. Transportation Land Use Connection (TLC)

Work proceeded on all ten projects that have been funded for the FY2010 round of TLC projects.

Work began 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 elevate the Metrobus Priority Corridor Network. See the progress report on this study under WMATA work activity 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

COG/TPB staff completed an internal-review draft report of NVTC's Analysis of AM Peak Period Inbound Travel in Northern Virginia's Dulles Corridor in the Fall of 2009. Following the review, staff began addressing comments, including providing additional transit data for the Fairfax Connector. It is anticipated a draft report will be submitted to NVTC and VDOT for review in May.

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 elevate the Metrobus Priority Corridor Network. See the progress report on this study under WMATA work activity 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

No activity to report during the reporting period.

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 consultant team submitted the draft final report to WMATA and the PNC technical advisory committee on January 29 for their review and comment during February. The consultant reviewed the comments and will submit the final report in May.

4. Analyze Bus Passenger Survey Trip Origins and Destinations

Staff continued analysis of the geocoding of 2008 Regional Bus Survey origin and destination trip ends and the identification of “bus only” trips from this survey.

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 continued processing and analyzing the 2009 air passenger survey data. The survey was conducted at all three commercial airports in the region: Baltimore-Washington International Thurgood Marshal Airport,

Ronald Reagan Washington National Airport, and Washington-Dulles International Airport. More than 21,000 surveys for 685 flights were completed accounting for 37,000 passengers.

Staff will provide a technical memorandum containing general findings data tables 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 continued to review comments received on the Preliminary Draft Ground Access Element Update in preparation for the May meeting of the Aviation Technical Subcommittee. At this meeting, Subcommittee members will review and discuss comments and identify how they should be addressed in the revised draft.

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 April 30, 2010

	BUDGET TOTAL	FUNDS EXPENDED	% FUNDS EXPENDED
1. PLAN SUPPORT			
A. Unified Planning Work Program (UPWP)	70,700	61,299	87%
B. Transportation Improvement Program (TIP)	251,830	101,309	40%
C. Constrained Long-Range Plan	638,400	455,182	71%
D. Financial Plan	134,000	78,537	59%
E. Public Participation	446,900	367,072	82%
F. Private Enterprise Participation	18,300	8,485	46%
G. Annual Report	80,100	48,345	60%
H. Transportation / Land Use Connection Program	465,000	270,002	58%
I. DTP Management	452,100	283,522	63%
SUBTOTAL	2,557,330	1,673,754	65%
2. COORDINATION PLANNING			
A. Congestion Management Process (CMP)	155,000	139,603	90%
B. Management, Operations & ITS Planning	390,300	365,270	94%
C. Emergency Preparedness Planning	75,400	38,554	51%
D. Transportation Safety Planning	100,000	36,174	36%
E. Bicycle and Pedestrian Program	108,700	66,914	62%
F. Regional Bus Planning	100,000	67,832	68%
G. Human Service Transportation Coordination Planning	114,800	83,314	73%
H. Freight Planning	130,000	111,021	85%
I. MATCO Program Planning & Support	90,000	0	0%
SUBTOTAL	1,264,200	908,682	72%
3. FORECASTING APPLICATIONS			
A. Air Quality Conformity	563,200	358,925	64%
B. Mobile Emissions Analysis	640,100	553,597	86%
C. Regional Studies	415,800	334,848	81%
D. Coord. Cooperative Forecasting & Trans Planning	726,800	575,923	79%
SUBTOTAL	2,345,900	1,823,292	78%
4. DEVELOPMENT OF NETWORKS AND MODELS			
A. Networks Development	769,700	622,453	81%
B. GIS Technical Support	548,800	380,150	69%
C. Models Development	1,071,200	736,137	69%
D. Software Support	178,900	88,708	50%
SUBTOTAL	2,568,600	1,827,447	71%

**FY 2010 TRANSPORTATION PLANNING BOARD
COG/TPB BUDGET EXPENDITURE SUMMARY**

FY-TO-DATE April 30, 2010

	BUDGET TOTAL	FUNDS EXPENDED	% FUNDS EXPENDED
5. TRAVEL MONITORING			
A. Cordon Counts	460,750	251,110	55%
B. Congestion Monitoring and Analysis	400,000	371,840	93%
C. Travel Survey and Analysis Household Travel Survey	456,300	355,562	78%
D. Regional Transportation Clearinghouse	267,900	149,915	56%
SUBTOTAL	1,584,950	1,128,426	71%
SUBTOTAL CORE PROGRAM ITEMS 1-5	10,320,980	7,361,602	71%
6. TECHNICAL ASSISTANCE			
A. District of Columbia	337,050	134,059	40%
B. Maryland	631,500	406,285	64%
C. Virginia	431,643	281,515	65%
D. WMATA	210,977	149,668	71%
SUBTOTAL	1,611,170	971,527	
TPB GRAND TOTAL	11,932,150	8,333,129	70%

**FY 2010 TRANSPORTATION PLANNING BOARD
FINANCIAL STATUS OF TECHNICAL ASSISTANCE**

5/24/2010

FY-TO-DATE April 30, 2010
SUPPLEMENT 1

	COST CODES	TOTAL		TOTAL		FTA/STA/LOC		PL FUNDS/LOC	
		AUTHORIZED BUDGET	EXPENDITURES	AUTHORIZED BUDGET	EXPENDITURES	AUTHORIZED BUDGET	EXPENDITURES	AUTHORIZED BUDGET	EXPENDITURES
A. District of Columbia									
1. Program Development, Data Requests & Misc. Services	040	17,500	14,521.44	2,327	1,930.54	15,173	12,590.90		
2. DDOT Traffic Counts	041	150,000	30,526.06	19,944	4,058.65	130,056	26,467.40		
3. Bicycle Counts	042	55,000	7,380.74	7,313	981.37	47,687	6,399.37		
4. Phase II - Evaluation of the Metrobus Priority Corridor Netw	043	33,000	31,867.00	4,388	4,237.33	28,612	27,629.67		
5. DC Ward 6 Ballpark	044	15,800	12,222.56	2,101	1,625.29	13,699	10,597.27		
6. 2009 Automobile Travel Time Survey	045	30,000	5,617.14	3,989	746.89	26,011	4,870.25		
7. Unprogrammed	046	0	0.00	0	0.00	0	0.00		
8. Purple Line / Return to L'Enfant Conformity Assessment	047	32,000	31,825.86	4,255	4,231.82	27,745	27,594.04		
SUBTOTAL		333,300	133,960.80	44,316	17,811.90	288,984	116,148.90		
B. Maryland									
1. Program Development/Management	060	25,000	19,582.16	3,324	2,603.64	21,676	16,978.51		
2. Miscellaneous Services	061	24,200	0.00	3,218	0.00	20,982	0.00		
3. MDOT Training /Technical Support	062	25,000	18,256.58	3,324	2,427.40	21,676	15,829.19		
4. SHA-Western Mobility/Capital Beltway Studies	063	82,300	82,098.47	10,942	10,915.21	71,358	71,183.26		
5. MTA- Corridor Cities Transit way / Purple Line Transit	064	40,000	32,634.98	5,318	4,338.82	34,682	28,296.16		
6. Project Planning / Feasibility Studies	065	77,000	17,291.64	10,238	2,299.11	66,762	14,992.52		
7. Managed Lanes-Planning	066	135,000	127,152.98	17,949	16,905.70	117,051	110,247.29		
8. Traffic Impacts	067	5,000	1,082.25	665	143.94	4,335	938.31		
9. Project Evaluation	068	0	0.00	0	0.00	0	0.00		
10. Statewide Travel Demand Model	069	35,000	29,310.65	4,653	3,896.64	30,347	25,414.01		
11. Development/Refinement of Technical Methods	070	50,000	29,542.86	6,648	3,928.01	43,352	25,614.85		
12. Monitoring Studies	071	0	0.00	0	0.00	0	0.00		
13. Transportation Land Use Connection (TLC)	072	100,000	17,465.44	13,296	2,322.20	86,704	15,143.24		
14. Phase II - Evaluation of the Metrobus Priority Corridor Netw	073	33,000	31,867.00	4,388	4,237.33	28,612	27,629.67		
SUBTOTAL		631,500	406,285.00	83,963	54,018.00	547,537	352,267.00		
C. Virginia									
1. Program Development	080	8,000	11,146.04	1,064	1,481.78	6,936	9,664.26		
2. Miscellaneous Services	081	643	307.40	85	40.64	558	266.76		
3. NVA, HOV Facilities Monitoring & Data Collection	082	255,000	238,195.20	33,905	31,670.62	221,095	206,524.58		
4. High Occupancy / Toll (Hot) Lane Analysis I-95 / 395 Corridr	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 Netw	086	33,000	31,866.00	4,388	4,237.19	28,612	27,628.81		
SUBTOTAL		296,643	281,514.64	39,442	37,430.23	257,201	244,084.42		
D. WMATA									
1. Program Development	100	10,000	4,303.60	10,000	4,303.60	0	0.00		
2. Miscellaneous Services	101	35,977	9,637.70	35,977	9,637.70	0	0.00		
3. Phase II - Evaluation of the Metrobus Priority Corridor Netw	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	9,735.07	40,000	9,735.07	0	0.00		
5. Collection of Bus Passenger Counts	104	0	0.00	0	0.00	0	0.00		
SUBTOTAL		210,977	149,667.97	210,977	149,667.97	0	0.00		
GRAND TOTAL		1,472,420	971,428.42	378,697	258,928.10	1,093,722	712,500.32		