

FY 2010

NATIONAL CAPITAL REGION

TRANSPORTATION PLANNING BOARD (TPB)

Work Program Progress Report

FEBRUARY 2010

PROGRAM HIGHLIGHTS

1. PLAN SUPPORT

A. Unified Planning Work Program (UPWP)

At its February 9th meeting, the Steering Committee approved amendments to the FY 2010-2015 TIP to include projects as requested by VDOT and DDOT.

The preliminary budget and draft FY 2011 UPWP were presented to the Technical Committee and TPB in February. The final draft FY 2011 UPWP and the carry over projects from FY 2010 will be presented to the Technical Committee in March and the TPB is scheduled to adopted them at its March 17meeting.

B. Transportation Improvement Program (TIP)

On February 9, the TPB Steering Committee approved three amendments to the FY 2010-2015 TIP. The first amendment was requested by the Virginia Department of Transportation to add funding for the purchase of three hybrid/compressed natural gas buses for Arlington Transit. The second amendment was requested by the District Department of Transportation to add funding for the reconfiguration of the interchange of I-295 and Malcolm X Avenue. The third amendment was requested by the Virginia Department of Transportation to add funding for the Ways To Work program, administered by Northern Virginia Family Service.

At their February 17 meeting, the TPB was presented with a notice of a proposed amendment, requested by the Maryland Department of Transportation, to add construction funding to the FY 2010-2015 TIP for the I-70 project in Frederick County.

C. Constrained Long-Range Plan (CLRP)

During the month of February, TPB staff worked with staff from member jurisdictions to update data for the project inputs for the 2010 CLRP that were scheduled to be due on March 1.

D. Financial Plan

The eighth working group meeting on the financial analysis for the 2010 plan update was scheduled for February 23. Because staff from two state DOTs reported that they are continuing to have difficulties finalizing their long range revenue and expenditure forecasts due to the current budget shortfalls and downturn in transportation revenues, the meeting was rescheduled for March 23. The consultant continued to review, tabulate and analyze the cost and revenue forecast data received from WMATA, MDOT and some localities for incorporation into the final report. A status report on the financial analysis was

presented at the February 4 meeting of the Technical Committee.

E. Public Participation

The first meeting of the 2010 Citizens Advisory Committee, scheduled for February 11, was cancelled due to snow.

Staff finalized questions that will be incorporated into the triennial State of the Commute survey, which is conducted by Commuter Connections. The survey will include a number of questions designed to gauge public attitudes on the region's transportation funding problems.

TPB staff continued planning for a public forum on regional transportation challenges and opportunities, which will be conducted in late spring. 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.

Access for All Advisory Committee

Staff prepared for and hosted a special meeting of the Access for All Committee on MetroAccess with the Human Services Transportation Coordination Task Force. The meeting featured a presentation from WMATA staff describing options for service changes to improve the cost efficiency of Metro Access. Staff facilitated break-out groups with the consumers in attendance to prioritize their recommended changes.

F. Private Enterprise Participation

No activity to report during the reporting period.

G. Annual Report

The February edition of the TPB News was produced and distributed.

Staff wrote most of the rough text for the 2010 Region magazine.

H. Transportation / Land Use Connection Program (TLC)

Work proceeded on all ten projects that have been funded for the FY2010 round of TLC projects. Staff began work on the Call for Projects for the FY2011 round of TLC projects.

Staff continued work on the development of a scope for 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 will be conducted by the non-profit 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 for meetings of the TPB, the Steering Committee, and the Technical Committee, the following activities were undertaken:

- The DTP Director participated at a Transportation Research Transportation Data Seminar.
- The DTP Director participated at several meetings with the COG executive director and directors of Environmental Program, Community Planning, and Health Services to address opportunities under the Department of Housing and Urban Development (HUD) new Sustainable Communities Planning Grant Program that could support multi-jurisdictional regional planning efforts that would help integrate housing, transportation, environmental impact, and economic development.

2. COORDINATION PLANNING

A. Congestion Management Process (CMP)

Staff continued technical and compiling work for the 2010 CMP Technical Report, including:

- Finished the preliminary draft of the 2010 CMP Technical Report and submitted it for an internal review.
- Made revisions accordingly based on the comments and suggestions generated from the internal review.
- Presented the highlights of the 2010 CMP Technical Report to the Travel Management Subcommittee's February 23 meeting and obtained constructive feedbacks from the participants. Staff modified and added analyses to address the concerns and questions.

On February 23, staff monitored a Federal Highway Administration webinar titled "Objectives-Driven, Performance-Based Planning for Operations - A New Resource".

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

- The Management, Operations, and Intelligent Transportation Systems (MOITS) Policy Task Force and Technical Subcommittee met on February 19, 2010. The main focus of the meeting, as well as extensive staff and consultant team work during the month, was on continued development of the MOITS Strategic Plan.
- Staff continued coordinating with the Regional Emergency Support Function #1 – Emergency Transportation Program, Committee, and staff. No RESF-1 meeting was held in February. See also Item 2.C.
- Staff also continued coordination work with the Metropolitan Area Transportation Operations Coordination (MATOC) Program, including participation in the monthly MATOC Steering Committee meeting on February 16. Staff also continued follow-up activities to implement an amendment to the Unified Planning Work Program to establish TPB staff support for MATOC Program planning as a separate work task; the TPB approved this action as part of a larger amendment at its December 16 meeting. See also Item 2.I.
- 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. The MOITS Regional ITS Architecture Subcommittee did not meet in February.
- On February 18, staff participated in a webinar as part of a Federal Highway Administration expert panel on operations benefit/cost analysis.
- On February 24, staff participated in a Federal Highway Administration-led Maryland Operations Performance Measures Workshop in Hanover.

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 had to cancel the February 12th meeting of the committee due to heavy snow fall in the region. At the end of February and into March staff assisted with preparations for the regional Snow Senior Leaders Dialogue. Staff began preparations for the next monthly meeting which will take place on March 12th 2010.

RESF-1's staff person worked in February to keep the RESF-1 chairs up to date on the ongoing National Capital Region Strategic Plan update process. During this time period staff also worked to keep RESF-1 up-to-date on the UASI 2010 process to

include any requests for information from the CAO/SPG. RESF-1's staff person also attended the Passenger Rail subcommittee of the Fire Chiefs Committee on February 19th 2010.

D. Transportation Safety Planning

Staff compiled transportation safety data with respect to pedestrians and bicyclists for the Street Smart campaign and the bicycle and pedestrian plan update. Staff met to discuss plans and schedule for an update to the Transportation Safety element of the Constrained Long Range Plan.

E. Bicycle and Pedestrian Planning

A draft version sections of the bicycle and pedestrian plan was completed and sent to members of the bicycle plan advisory group for review and suggestions. There was significant progress towards completing the database of the bicycle and pedestrian projects. About $\frac{3}{4}$ of the projects in the database of projects for the plan have been updated. When the database is fully updated it will be the basis for the revised plan.

The COG Police Chiefs Committee was briefed on the Street Smart pedestrian and bicycle safety program, and materials order forms and enforcement reporting forms were distributed to the members.

A seminar on Advanced Bicycle Facility Design was held on February 18th. Thirty people attended. Due to weather-related delays for an out of town speaker, a companion seminar on Liability and Bicycle Facilities scheduled for the afternoon had to be curtailed.

Staff attended the One Less Car symposium on bicycle and pedestrian transportation in Annapolis on February 3rd, and the NCAC-APA planning conference at Catholic University on February 27th.

F. Regional Bus Planning

During February, staff continued to coordinate with WMATA and jurisdictional staff on the development of a proposal for a regional bus stop improvement program for potential funding under the US DOT Bus Livability Grant program. Staff was largely responsible for the drafting of the application, which WMATA submitted on behalf of the participating agencies. Staff also began preparing for the March meeting of the Regional Bus Subcommittee.

G. Human Service Transportation Coordination

Staff prepared for and hosted a special meeting of the HSTC Task Force together with the Access for All Committee on Metro Access. The meeting featured a

presentation from WMATA staff describing options for service changes to improve the cost efficiency of Metro Access. Staff facilitated break-out groups with the consumers in attendance to prioritize their recommended changes.

Staff completed preparation for the 2010 JARC and New Freedom project solicitation.

H. Freight Planning

- Staff continued work on the *National Capital Region Freight Plan* in preparation for sharing the Plan with freight stakeholders at the March Freight Subcommittee meeting.
- Staff met with FHWA Office of Freight Management and Operations Kate Quinn. Ms. Quinn discussed FHWA Office of Freight resources available to MPOs. Ms. Quinn also discussed the FHWA Office of Freight Management and Operations current effort to develop freight plan templates to share with MPOs and states across the country.
- Staff attended the February 25th, 2010 Baltimore Metropolitan Council's Freight Movement Task Force meeting. FHWA Office of Freight Management and Operations representative Ed Strocko shared freight data resources and Maryland State Highway Administration representative John Rotz presented on new technologies used at weigh stations.
- Staff met and exchanged information with TPB air quality staff to discuss an analysis of emissions savings in the region if the CSX National Gateway and Norfolk Southern Crescent Corridor projects are implemented as well as planned passenger rail projects.
- Staff prepared and distributed the monthly *Focus on Freight*-February 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 will provide 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 was anticipated to begin in March 2010.

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 draft scope of work activities for presentation to committees and release for public comment / interagency consultation in March. Staff continued review of transit fares in preparation for updating fare matrices. Based upon information from I-270 project planning activities, staff also updated base regional highway networks in Montgomery and Frederick counties.

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 February 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 complete a draft report on measures analyzed to date. Staff presented the draft report to the Travel Management Subcommittee at its February meeting.

In conjunction with COG/DEP, staff continued work activities to test EPA's MOVES2010 model. DTP staff tested the latest program version using default settings and also worked on developing local input data in special MOVES categories, e.g., vehicle population and age distributions by MOVES vehicle type, VMT by MOVES (HPMS) vehicle type, VMT fractions by MOVES facility type, and vehicle hours of travel by speed bin, vehicle type and facility type. Staff organized and participated with FHWA Resource Center staff in a work session on the MOVES model.

In February COG/DEP staff performed the following:

- Worked on developing recommendations for the upcoming March 16, 2010 MOVES Task Force meeting, specifically, worked on meteorology and emissions development approach.
- Coordinated with states on development of fuel program and I/M program information for MOVES model.

- 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 MOVES model.
- Presented updates on MOVES transition issues and MOVES Task Force in MWAQC-TAQC meeting and attended TPB, TPB Technical Committee, TMS, and TPB meetings in February.
- Tracked development of the “What Would it Take” Scenario study.

In support of SIP planning activities, staff participated in meetings / conference calls of MWAQC, its Executive Committee, and its Technical Advisory Committee. Staff also responded to two consultant data requests: one for transportation data in Arlington County and the other for carbon monoxide emissions factor data in the District of Columbia.

C. Regional Studies

TPB staff continued work on the CLRP Aspirations and What Would it Take scenarios. Staff presented more detailed documentation of the inputs and Study Task Force. Staff completed documentation of the land use and transportation development processes and the specific inputs and changes under the scenario. Staff also completed a draft of the technical report for the “What Would It Take?” scenario and continued to complete emissions and cost-benefit analysis for strategies.

At the December 16 meeting, the TPB approved an amendment to add \$300,000 to this activity accomplishes three tasks: to complete and document the analysis of the “CLRP Aspirations” and “What Would it Take?” scenarios, to identify a regional network of priority bus corridors with phases for 3- and 5-year implementation, and to develop implementation guidelines for prioritizing bus transit on arterials based upon experience in this region and other metropolitan areas. The RFP for these guidelines was issued January 22 and six proposals were received by the due date. The selection committee will review the proposals and select the consultant on March 9.

D. Coordination Cooperative Forecasting & Transportation Planning

Staff completed the processing and geocoding of the Dunn & Bradstreet employment files for 2005 and 2007 and began the development of a new Transportation Analysis Zone (TAZ) “pseudo” employment file based on the Dunn & Bradstreet employment file distribution. This “pseudo” employment file will be used as reasonableness check of the draft Round 8.0 TAZ-level submission from local

jurisdictions and for the development of the new TPB until the Round 8.0 submissions are received from local jurisdictions.

Staff began the development of a new Transportation Analysis Zone (TAZ) “pseudo” household file based on the postal carrier route household counts that were used as the sampling frame for the 2007/2008 Household Travel Survey. This “pseudo” household file will be used as reasonableness check of the draft Round 8.0 TAZ-level submission from local jurisdictions and for the development of the new TPB until the Round 8.0 submissions are received from local jurisdictions.

Staff reviewed the status and schedule for the submission draft TAZ-level Round 8.0 forecasts with the Cooperative Forecasting and Data Subcommittee.

Staff continued to work on the Commercial Construction Indicators Report for 2009.

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

4. **DEVELOPMENT OF NETWORK / MODELS**

A. **Network Development**

Staff completed highway network development over the 3,722 TAZ system using the using TPB’s GIS-based network management system during February. The highway network has been processed in Cube Voyager (the TPB’s transportation modeling software) and minor revisions will be implemented next month. A review of the transit network elements using Cube Voyager indicates that additional work is needed.

Staff also began the development of Cube Voyager-based procedures for developing transit access links. These routines will support the Version 2.3 model.

Staff also continued the update of current year transit networks using the most recent transit schedule data as part of the TPB’s regular network maintenance activities.

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 updated the regional highway and transit network databases in the Master Highway and Transit Network editing application.

Staff supported the network coding team on the use of the Master Highway and

Transit Network editing application to add new centroids and centroid connectors to the new highway network based on the new 3722 TAZ system.

The consultant delivered an updated version of the Master Highway and Transit Network editing application that corrected the minor problems identified by staff in February and improved the functionality of this application. Staff tested and installed this new version of the software.

Staff completed the update of the roads and highway transportation layer in the spatial data library with additional attribute data from the NAVTEQ database.

Staff completed the update of the location of future light rail stations in the spatial data library.

The February monthly MD MSGIC executive committee meeting was cancelled because of the snowstorm.

C. Models Development

Staff completed household tabulations by income level, vehicles owned, and household size from the American Community Survey (ACS). This information will support the demographic models developed as part of the Version 2.3 model. This work will be presented to the Travel Forecasting Subcommittee at its upcoming (March) meeting.

Work undertaken in February also focused on continuing work activities supporting the Version 2.3 model development. A review of “pseudo” TAZ level household and employment files have been reviewed during February. These files are needed for Version 2.3 model development given that Round 8.0 land use is not yet available.

These files represent a first attempt at the formulation of land activity for the new 3722-zone system. Some revisions to the land activity files will be implemented during March, based on the review. Staff has also continued testing of the process for computing zonal transit walk shed areas.

D. Software Support

After consultation with other senior staff, staff continued with preparation of a draft memorandum documenting data storage procedures for the primary data files used in data requests.

In addition, staff prepared a draft memorandum documenting basic data back-up procedures.

5. TRAVEL MONITORING

A. Cordon Counts

Due to concerns raised by VDOT personnel that the data collection approach presented to the Travel Forecasting Subcommittee in January would omit key counting stations in Northern Virginia, staff coordinated with VDOT and other data users to determine if further changes would be necessary in the spring data collection plan. It was determined that the best approach for spring data collection for this year would be to reinstate the older list of stations, which includes the omitted stations. This would ensure that time-series data for these stations in Virginia would continue for use by VDOT. Staff will conduct necessary coordination with the Travel Forecasting Subcommittee in March to confirm the use of the older list.

Processing of transit and highway traffic count data collected in spring 2009 continued through February.

Travel time data collection along the HOV system began toward the end of the month. No data collection activity occurred during any day when (1) snow was falling; (2) the federal government was partly or completely closed due to snow, and (3) any of the HOV or non-HOV lanes were blocked by snow.

B. Congestion Monitoring and Analysis

Staff resumed the arterial travel time data collection that had been suspended due to Inclement weather.

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 answered questions regarding differences in per household and per person trip rates between the 1994 and 2007/2008 surveys.

Staff developed and implemented a methodology to seasonally adjust the 2007/2008 HTS to represent the spring and fall periods so that it could be directly compared to the 1994 HTS data that was only collected in the spring and fall periods.

Staff presented an analysis of changes in household sizes, trip rates, and the share of total daily travel by the walk and bicycle modes between the 1994 and 2007/2008 surveys to the TPB Transportation Scenario Task Force.

D. Regional Transportation Data Clearinghouse

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

Staff began development of a 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 completed the review and quality control checks of the CY 2009 traffic counts. Staff completed the formatting of the CY 2009 traffic count data into a spreadsheet reporting format requested by DDOT.

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. See the progress report on this study under WMATA work activity 6.D.3.

5. DC WARD 6 Ballpark

No activity to report during this reporting period. The draft report was submitted to DDOT in early October. Following DDOT review, staff will address all comments and prepare a final report, if necessary. To date, no comments have been received

6. 2009 Automobile Travel Time Survey

No activity to report during the reporting period.

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 FY 2011 technical assistance activities.

2. Miscellaneous Services

No activity to report during the reporting period.

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

Once the input assumptions were finalized, staff recoded networks and re-executed travel demand modeling work for the 2030 No Build alternative in the I-270 Study. Upon completion of travel demand work, staff executed quality-assurance programs and performed reasonableness checks. Staff completed most of the coding for Alternative 3B networks.

On a different track, TPB staff created a draft subarea network in Frederick County, currently under review, using the Version 2.3 network as a guide. The team is expecting land use data for the subarea system to become available in March. These subarea networks will be used after each regular model run to provide a more detailed traffic assignment.

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

Staff attended a Purple Line Project team meeting. The project team was briefed on the most recent efforts and milestones by the project manager and different consultants working on the project. A new set of model runs will be executed in March and April, to be followed by the project submission for New Starts funding in the spring of 2010. Changes in the New Stars evaluation criteria and how they might impact the project were discussed as well. The project construction is scheduled to begin in 2013/2014.

6. Project Planning / Feasibility Studies

Staff continued work to review past alternatives analyses and technical methods applied in Maryland corridor studies to identify “best” and consistent technical methods for future project planning work.

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

Staff responded to MD SHA requests to help with troubleshooting land use inconsistencies uncovered in statewide modeling work and provided a recommended approach for the creation of demographic data for 2007.

11. Development/Refinement of Technical Methods

No activity to report during the reporting period.

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. Staff began work on the Call for Projects for the FY2011 round of TLC projects.

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. See the progress report on this study under WMATA work activity 6.D.3.

C. **VIRGINIA**

1. Program Development

Staff coordinated with VDOT and internal TPB staff to finalize scopes of work and cost estimates for 3 potential work program projects: (1) B-node network development, (2) analysis of bicycle count data collected by VDOT, and (3) drill-down analysis of the Regional Household Travel Survey. These projects will be incorporated into the FY2010 UPWP through an amendment in March. Staff also coordinated with VDOT staff to identify potential FY2010 carryover projects and define the FY2011 Va Technical Assistance Work Program.

2. Miscellaneous Services

No activity to report during the reporting period.

3. Northern Virginia HOV Facilities Monitoring and Data Collection

Staff began analysis of traffic and transit data for NVTC's Analysis of AM Peak Period Travel In Northern Virginia's Dulles Corridor report. Analysis included mapping screen line of counting locations on VA 267, VA 7, VA 193, and VA 738, calculating modal share and lane volumes, and obtaining/reviewing transit data provided by Fairfax Connector.

4. High Occupancy / Toll (Hot) Lane Analysis I-95 / 395 Corridor

No activity to report during the reporting period.

5. Travel Forecast Model Refinements

No activity to report during the reporting period.

6. Data Mine State of the Commute Survey

No activity to report during the reporting period.

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. See the progress report on this study under WMATA work activity 6.D.3.

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 budget for this project was increased by \$25,000 on January 8, 2010 by TPB Steering Resolution SR12-2010.

4. Analyze Bus Passenger Survey Trip Origins and Destinations

No activity to report during the reporting period.

5. Collection of Bus Passenger Counts

(This project supports the Cordon Counts project. See item 5.A.)

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

A. Conduct 2009 Air Passenger Survey

Staff continued reviewing the completed raw database to prepare for the processing and analyzing the survey data, which will occur as part of the next phase of the air passenger survey project. 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.

B. Process 2009 Air Passenger Survey

This project has not yet started.

C. Ground Access Forecast and Element Updates

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

No activity to report during this reporting period.

2. Ground Access Element Update

Staff reviewed comments on the Preliminary Draft Ground Access Element Update that was presented at the 28 January 2010 meeting of the Aviation Technical subcommittee. During February, comments were received from the Washington Airports Task Force

D. Ground Access Travel Time Study

No activity to report during this reporting period. This project has not yet started.

E. Other CASP Activities

No activity to report during this reporting period.

8. **SERVICES/SPECIAL PROJECTS**

A. DDOT Commercial Curbside Loading Zone Data Collection

No activity to report during the reporting period.

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 FEBRUARY 28, 2010**

3/17/2010

	BUDGET TOTAL	FUNDS EXPENDED	% FUNDS EXPENDED
1. PLAN SUPPORT			
A. Unified Planning Work Program (UPWP)	70,700	52,122	74%
B. Transportation Improvement Program (TIP)	251,830	81,471	32%
C. Constrained Long-Range Plan	638,400	365,844	57%
D. Financial Plan	134,000	58,829	44%
E. Public Participation	446,900	291,407	65%
F. Private Enterprise Participation	18,300	6,903	38%
G. Annual Report	80,100	28,023	35%
H. Transportation / Land Use Connection Program	465,000	162,417	35%
I. DTP Management	452,100	250,131	55%
SUBTOTAL	2,557,330	1,297,148	51%
2. COORDINATION PLANNING			
A. Congestion Management Process (CMP)	155,000	110,018	71%
B. Management, Operations & ITS Planning	390,300	269,769	69%
C. Emergency Preparedness Planning	75,400	37,891	50%
D. Transportation Safety Planning	100,000	33,838	34%
E. Bicycle and Pedestrian Program	108,700	48,297	44%
F. Regional Bus Planning	100,000	61,609	62%
G. Human Service Transportation Coordination Planning	114,800	47,046	41%
H. Freight Planning	130,000	87,876	68%
I. MATCO Program Planning & Support	120,000	0	0%
SUBTOTAL	1,294,200	696,344	54%
3. FORECASTING APPLICATIONS			
A. Air Quality Conformity	563,199	284,773	51%
B. Mobile Emissions Analysis	640,100	478,496	75%
C. Regional Studies	615,800	253,956	41%
D. Coord. Cooperative Forecasting & Trans Planning	726,800	393,025	54%
SUBTOTAL	2,545,900	1,410,250	55%
4. DEVELOPMENT OF NETWORKS AND MODELS			
A. Networks Development	769,700	473,631	62%
B. GIS Technical Support	548,800	346,235	63%
C. Models Development	1,221,200	599,487	49%
D. Software Support	178,900	62,889	35%
SUBTOTAL	2,718,600	1,482,241	55%

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**FY 2010 TRANSPORTATION PLANNING BOARD
COG/TPB BUDGET EXPENDITURE SUMMARY
FY-TO-DATE FEBRUARY 28, 2010**

3/17/2010

	BUDGET TOTAL	FUNDS EXPENDED	% FUNDS EXPENDED
5. TRAVEL MONITORING			
A. Cordon Counts	460,750	108,312	24%
B. Congestion Monitoring and Analysis	525,000	260,147	50%
C. Travel Survey and Analysis Household Travel Survey	456,300	326,112	71%
D. Regional Transportation Clearinghouse	317,900	100,585	32%
 SUBTOTAL	1,759,950	795,156	45%
SUBTOTAL CORE PROGRAM ITEMS 1-5	10,875,980	5,681,139	52%
6. TECHNICAL ASSISTANCE			
A. District of Columbia	422,050	117,869	28%
B. Maryland	871,500	321,289	37%
C. Virginia	595,643	269,484	45%
D. WMATA	210,977	137,653	65%
 SUBTOTAL	2,100,171	846,294	
TPB GRAND TOTAL	12,976,150	6,527,433	50%

**FY 2010 TRANSPORTATION PLANNING BOARD
FINANCIAL STATUS OF TECHNICAL ASSISTANCE
FY-TO-DATE FEBRUARY 28, 2010
SUPPLEMENT 1**

3/17/2010

	COST CODES	TOTAL AUTHORIZED BUDGET	TOTAL EXPENDITURES	FTA/STALOC		PL FUNDS/LOC	
				BUDGET	EXPENDITURES	AUTHORIZED BUDGET	EXPENDITURES
A. District of Columbia							
1. Program Development, Data Requests & Misc. Services	040	17,500	15,643.44	2,327	2,079.71	15,173	13,563.73
2. DDOT Traffic Counts	041	150,000	24,458.48	19,944	3,251.93	130,056	21,206.56
3. Bicycle Counts	042	70,000	1,189.48	9,307	158.15	60,693	1,031.33
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	55,800	11,703.47	7,419	1,556.06	48,381	10,147.42
6. 2009 Automobile Travel Time Survey	045	60,000	1,082.25	7,977	143.88	52,023	938.36
7. Unprogrammed	046	3,750	98.57	499	13.12	3,251	85.45
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		422,050	117,868.55	56,115	15,671.99	365,935	102,196.56
B. Maryland							
1. Program Development/Management	060	25,000	15,357.80	3,324	2,041.97	21,676	13,315.83
2. Miscellaneous Services	061	24,200	0.00	3,218	0.00	20,982	0.00
3. MDOT Training / Technical Support	062	25,000	15,725.06	3,324	2,090.80	21,676	13,634.26
4. SHA-Western Mobility/Capital Beltway Studies	063	82,300	56,479.96	10,942	7,509.16	71,358	48,970.80
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	132,000	6,268.72	17,550	833.45	114,450	5,435.26
7. Managed Lanes-Planning	066	135,000	125,647.18	17,949	16,705.49	117,051	108,941.69
8. Traffic Impacts	067	100,000	1,082.25	13,296	143.90	86,704	938.35
9. Project Evaluation	068	40,000	0.00	5,318	0.00	34,682	0.00
10. Statewide Travel Demand Model	069	35,000	20,821.07	4,653	2,768.01	30,347	18,053.06
11. Development/Refinement of Technical Methods	070	50,000	13,240.02	6,648	1,760.39	43,352	11,479.63
12. Monitoring Studies	071	50,000	2,164.49	6,648	287.79	43,352	1,876.70
13. Transportation Land Use Connection (TLC)	072	100,000	0.00	13,296	0.00	86,704	0.00
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
SUBTOTAL		871,500	321,288.52	115,872	42,717.12	755,628	278,571.40
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	84,643	307.40	11,254	40.87	73,389	266.53
3. NVA, HOV Facilities Monitoring & Data Collection	082	315,000	226,164.36	41,881	30,069.79	273,119	196,094.57
4. High Occupancy / Toll (Hot) Lane Analysis I-95 / 395 Corridor	083	50,000	0.00	6,648	0.00	43,352	0.00
5. Travel Forecast Model Refinements	084	55,000	0.00	7,313	0.00	47,687	0.00
6. Data Mine State of the Commute Survey	085	50,000	0.00	6,648	0.00	43,352	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
SUBTOTAL		595,643	269,483.81	79,195	35,829.63	516,448	233,654.18
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 Network	102	125,000	123,711.74	125,000	123,711.74	0	0.00
4. Analyze Bus Passenger Survey Trip Origins & Destinations	103	40,000	0.00	40,000	0.00	0	0.00
5. Collection of Bus Passenger Counts	104	0	0.00	0	0.00	0	0.00
SUBTOTAL		210,977	137,653.04	210,977	137,653.04	0	0.00
GRAND TOTAL		2,100,171	846,293.93	462,159	231,871.78	1,638,012	614,422.14