

FY 2010

**NATIONAL CAPITAL REGION
TRANSPORTATION PLANNING BOARD (TPB)
Work Program Progress Report
JANUARY 2010**

PROGRAM HIGHLIGHTS

1. PLAN SUPPORT

A. Unified Planning Work Program (UPWP)

At its January 8th meeting, the Steering Committee approved amendments to the FY 2010-2015 TIP to include projects as requested by the Montgomery County DOT, the Prince George's County DPWT, and DDOT.

The Steering Committee also approved an amendment to the FY 2010 UPWP to modify the WMATA Technical Assistance Program and the Household Travel Survey work activity.

B. Transportation Improvement Program (TIP)

On January 8, the TPB Steering Committee approved three amendments to the FY 2010-2015 TIP. The first amendment was requested by the Montgomery County Department of Transportation to include the MD 355 Multimodal Crossing Project Study. The second amendment was requested by the Prince George's County Department of Public Works and Transportation to include additional funding two bridge replacement projects. The third amendment was requested by the District Department of Transportation to add funding to the Citywide Federal Aid Preventative Maintenance Project.

At their January 20 meeting, the TPB approved an amendment to add funds from the American Recovery and Reinvestment Act (ARRA) for the reconstruction and paving of I-66 between the Capital Beltway and US 50 and other federal funds for the construction of an interchange at Fairfax County Parkway and Fair Lakes Parkway.

C. Constrained Long-Range Plan (CLRP)

During the month of January, staff worked with WMATA and the TPB member jurisdictions to develop a Regional Bus Stop Improvement Program for submission under FTA's Livability Bus discretionary grant program. Staff asked local jurisdictions to identify bus stop improvement projects that will improve access for low-income communities and people with disabilities, and the requisite matching funds. The TPB endorsed the application at its January meeting and gave the Steering Committee the ability to approve new projects or changes. TPB staff developed maps on the demographic criteria and project locations, and tables explaining the program components, line-item budgets and the project timeline. Staff also acquired the letters of financial commitment from the local jurisdictions and letters of support for the project from AFA member organizations. TPB staff wrote a draft application that responded to the FTA criteria related to the livability initiative being undertaken by HUD, EPA and DOT.

D. Financial Plan

The seventh working group meeting on the financial analysis for the 2010 plan update was held on January 26. 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 next meeting is scheduled for February 23. The consultant distributed a second draft of the final report without the data tables for review. The consultant tabulated and began to analyze the cost and revenue forecast data received from WMATA and MDOT for incorporation into the final report.

E. Public Participation

During the month of January staff prepared for the Access for All Advisory Committee meeting held on January 28, 2010. Two presenters were invited and confirmed to discuss WMATA's language access program and the MetroAccess budget and eligibility changes. In addition, the committee discussed the Regional Bus Stop Improvement Program being developed by TPB, WMATA and local jurisdictions. The Committee also received a status report on the DC wheelchair accessible taxi pilot program.

The final meeting of the 2009 Citizens Advisory Committee was held in January 2010. This meeting featured a panel of speakers who discussed BRAC-related challenges for the region. This meeting was made open to the public as a way to broaden citizen engagement in regional transportation issues. During this meeting, the CAC engaged in dynamic conversation with representatives from MDOT, VDOT, and the Federal Government on the opportunities, impacts, and challenges associated with BRAC. The conversation included an emphasis on funding needs and transportation strategies, as well as other related issues, such as workforce, housing, and land-use challenges that are faced by jurisdictions throughout the region.

At the January TPB meeting, the CAC delivered its end-of-year report, which highlighted key concerns and activities of the committee throughout 2009. At the same meeting, the TPB approved nominations for members for the 2010 CAC.

Staff continued working on plans for conducting outreach during the remainder of FY 2010 related to the development of the 2010 Constrained Long-Range Plan. The triennial State of the Commute survey, which is conducted by Commuter Connections will include a number of questions designed to gauge public attitudes on the region's transportation funding problems. TPB staff also plans to conduct focus groups that will further explore such questions.

TPB staff began 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.

F. Private Enterprise Participation

TPB staff and the chairman of the Regional Taxicab Regulators Task Force presented the draft regional taxi reciprocity agreement to the COG Chief Administrative Officers Committee to solicit comments and direction on next steps. TPB staff assisted in the preparation of summery material, including memos and comparisons of taxi regulations in each jurisdiction.

G. Annual Report

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

Staff drafted an outline and began writing 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. The final kickoff meeting was held in January.

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. 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 meetings of the TPB, the Steering Committee, and the Technical Committee, the following activities were undertaken:

- The DTP Director spoke on a panel at the annual Transportation Research Board meeting on Legal Issues associated with the Constrained Long Range Plan.
- The DTP Director participated in a workshop at the Pew Foundation on procedures for addressing greenhouse gas emissions in the transportation sector.
- The DTP Director spoke at a Congressional staff forum on critical transportation reauthorization issues.
- The DTP Director participated with the WMATA Budget Officer on a panel on transportation financing for a joint meeting in Annapolis of

Maryland state legislators from Prince George's and Montgomery Counties.

2. COORDINATION PLANNING

A. Congestion Management Process (CMP)

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

- Downloaded the last quarter of 2009 INRIX data and finished the analyses of the whole 2009 dataset.
- Finished revising Chapter 4 of the report, "Consideration and Implementation of Congestion Management Strategies".
- Distributed a memorandum of "Update Local Jurisdictional Travel Demand Management Strategies for the 2010 Congestion Management Process (CMP) Technical Report" to the Commuter Connections subcommittee for their January 19 meeting.

During January 11-13, staff attended a meeting at Greenbelt, MD of the Operations Subcommittee of the Metropolitan Area Transportation Operations Coordination (MATOC) Program.

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

The Management, Operations, and Intelligent Transportation Systems (MOITS) Policy Task Force and Technical Subcommittee did not meet in January 2010. Staff began preparations for the next MOITS meeting scheduled for February 9 [later changed to February 19].

- Staff continued coordinating with the Regional Emergency Support Function #1 – Emergency Transportation Program and Committee, and participated in the regular RESF-1 Committee meeting on January 8. 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 January 19. Staff also undertook 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: The Traffic Signals Subcommittee met on January 14, and featured a discussion of potential planning for traffic signals preparedness for emergencies. Staff also continued work on a regional summary map of traffic signal locations and conditions.
- MOITS Strategic Plan Activities: Staff was in frequent contact throughout January with and oversaw the consultant team as the team continued developing the plan, as well as to plan for and conduct the fourth MOITS Strategic Plan Working Group meeting on January 29.
- 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 January.
- Staff undertook preparatory and supporting work in the above areas.
- Staff participated in a number of MOITS-related activities at the Transportation Research Board Annual Meeting in Washington, D.C., January 11 – 13.
- On January 25, staff participated in a Federal Highway Administration webinar on development of a guidebook for “Objectives-Driven, Performance-Based Planning for Operations”.
- On January 27, staff participated in the monthly meeting of the Regional Transit Operators Group at the Capital Wireless Information Net (CapWIN) program offices in Greenbelt, Maryland.

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. Due to inclement weather the chairs of RESF-1 chose to cancel the January meeting. Staff did attend multiple UASI 2010 related meetings dealing with the project selection process. Attention was given to monitoring the current UASI 2010 process through keeping RESF-1 updated on the timing for the CAO/SPG priority setting meeting.

RESF-1’s staff person was scheduled to brief MOITS at their January meeting; however, this meeting was also cancelled due to the weather. An update briefing will be moved to the February meeting of MOITS. RESF-1’s staff person also attended the Passenger Rail subcommittee of the Fire Chiefs Committee on January 15th.

D. Transportation Safety Planning

Staff attended a Maryland State Highway Safety Plan Implementation Team Meeting in Hanover on January 20th.

Staff attended a number of transportation safety and safety data related sessions at the annual conference of the Transportation Research Board, January 11-14, in Washington, DC.

E. Bicycle and Pedestrian Planning

At the January 19th meeting of the Bicycle and Pedestrian Subcommittee Jim Sebastian of DDOT assumed the Chairmanship for 2010.

The Subcommittee approved a proposal for seminars on advanced bicycle facility design and liability, to take place on February 18th.

The Subcommittee approved a proposal by Michael Jackson of MDOT to create a working group to designate regional long-distance bicycling routes. Mr. Jackson agreed to chair the working group.

The Subcommittee was briefed on progress on bicycle and pedestrian plan update. The Subcommittee suggested that the bicycle and pedestrian project database be updated no less than annually, and that a progress report on the projects in the plan should be made to the TPB annually. Regular progress reports would be responsive to the goal in Council of Government's *Region Forward 2050* vision that the pace of construction of projects in the plan be stepped up.

The Subcommittee was also briefed on transportation safety in the Washington region as it related to the various emphasis areas in the safety element of the constrained long range plan, activities of the Transportation Safety Subcommittee, and progress of the Street Smart pedestrian and bicycle safety campaign.

The Subcommittee discussed updating the bike to work guide, and suggested that it be redesigned.

The Subcommittee also received a briefing on bicycle parking from Philip Koopman, a representative of BicyclePASS, a bicycle parking consultant.

Staff attended a number of bicycle and pedestrian related sessions at the Transportation Research Board's Annual Conference, January 11-14, in Washington, DC.

F. Regional Bus Planning

Staff prepared for the January 26 meeting of the Regional Bus Subcommittee. Staff continued to research opportunities for coordination between bus operators, and visualization of out-year bus transit routes and levels of service.

G. Human Service Transportation Coordination

During the month of January, staff worked with WMATA and the TPB member jurisdictions to develop a Regional Bus Stop Improvement Program for submission under FTA's Livability Bus discretionary grant program. Staff asked local jurisdictions

to identify bus stop improvement projects that will improve access for low-income communities and people with disabilities, and the requisite matching funds. The TPB endorsed the application at its January meeting and gave the Steering Committee the ability to approve new projects or changes. TPB staff developed maps on the demographic criteria and project locations, and tables explaining the program components, line-item budgets and the project timeline. Staff also acquired the letters of financial commitment from the local jurisdictions and letters of support for the project from AFA member organizations. TPB staff wrote a draft application that responded to the FTA criteria related to the livability initiative being undertaken by HUD, EPA and DOT.

Staff finished preparation for the 2010 JARC and New Freedom project solicitation by having the brochure printed and finalizing the pre-application conference dates. The TPB coordination website was also updated to reflect this information. The annual project solicitation will run through April 16, 2010 and will have available over \$2.35 million in federal JARC funds and \$1.4 million in federal New Freedom dollars to fund project proposals.

H. Freight Planning

- Staff continues to work on the *National Capital Region Freight Plan*. This included describing the planning context, the TPB Freight Program, and the existing freight conditions for the National Capital Region. Staff has shared drafts with senior staff for feedback.
- On January 6, 2010, COG's Department of Environmental Programs (DEP) held a kick-off meeting for the Regional Diesel Anti-Idling Campaign. The District of Columbia and Maryland have received Diesel Emission Reduction Act (DERA) funds from the American Recovery and Reinvestment Act (ARRA) and they have asked COG to administer them. Staff participated in the kick-off meeting to provide information on freight resources and contacts.
- Staff attended the Annual Transportation Research Board conference from January 10 to January 14, 2010. Staff met with several freight stakeholders at committee meetings and made contacts for future Freight Subcommittee invites. For example, John Gray, Senior Vice President of the Association of American Railroads has agreed to speak at the May 2010 Freight Subcommittee meeting.
- Staff attended the Aviation Technical Subcommittee meeting on January 28, 2010. Staff was interested in the Aviation Forum discussion as a potential platform for a future multimodal discussion.
- A Freight Subcommittee meeting was held on January 28, 2010. Staff coordinated with the District of Columbia Eulois Cleckley to present on the commercial loading zone legislation and with DEP staff Joan Rohlf to present on the Regional Diesel Anti-Idling Campaign.
- Staff prepared and distributed the monthly *Focus on Freight*-January 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 February 2010.

3. FORCASTING APPLICATIONS

A. Air Quality Conformity

Regarding the upcoming air quality conformity assessment of the 2010 CLRP and FY2011 – 2016 TIP, staff began review of transit fares in preparation for updating fare matrices.

Several DTP staff participated in TRB's Annual Meeting in Washington, DC in January. At the TRB Transportation and Air Quality Committee's Regional Air Quality Subcommittee meeting, staff made a presentation on VIN decoded data and potential implications for air quality conformity.

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 January TPB meeting and air quality conformity consultation elements.

B. Mobile Emissions Analysis

Staff continued with climate change work activities, from quality-assurance and documentation of mobile source emissions inventories to assessment of control strategies. Staff drafted the technical report detailing all the work associated with greenhouse gas reduction measures including inventory development and the report is undergoing internal review. A number of new initiatives were analyzed and the results were presented to the TPB Technical Committee. Staff also continued coordination with COG / DEP staff on the COG Climate, Energy and Environment Policy Committee (CEEPC)'s draft 2009 – 2012 Regional Climate Action Workplan and attended the full CEEPC committee meeting in January.

In conjunction with COG/DEP, staff began work activities to test the production version of EPA's MOVES model. DTP staff primarily worked on developing local input data in special MOVES categories, e.g., vehicle population and age distributions by MOVES vehicle type, VMT by HPMS vehicle type, VMT fractions by MOVES facility type, and vehicle hours of travel by speed bin, vehicle type and facility type.

The MOVES Task Force met on January 19, 2010 and discussed a number of items including MOVES2010 Technical and Policy Guidance, MOVES2010 local data converters, and a briefing on the ongoing FHWA funded research projects involving the MOVES model. The next meeting of the task force will be on March 16, 2010. Staff participated in a session on the MOVES model at the TRB Annual Meeting in Washington, DC.

In support of SIP and greenhouse gas planning activities, staff participated in meetings / conference calls of MWAQC, its Executive Committee, and its Technical Advisory Committee. The Travel Management Subcommittee did not meet during the month of January but the subcommittee was briefed on the ongoing work program activities via email.

In January COG/DE staff performed the following:

- Coordinated with DTP staff the agenda and materials for the MOVES Task Force meeting in January.
- Participated in the MOVES Task Force meeting held in January to address various issues associated with the transition to EPA's new MOVES model; presented briefings on EPA's MOVES technical and policy guidance documents and updates on fuel and I/M program inputs in MOVES2010 model; discussed a comparison of Mobile6 meteorology with that of MOVES2010 default.
- 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.
- Presented updates on MOVES transition issues and MOVES Task Force in MWAQC-TAC meeting and attended TPB Technical Committee and TPB meetings in January.
- Tracked development of the "What Would it Take" scenario study.
- Developed integrated timeline for future conformity using the MOVES model and the State Implementation Planning process.

C. Regional Studies

At the December 16 meeting, the TPB approved an amendment to add \$300,000 to this activity accomplish 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. Staff developed an RFP for these guidelines which was issued January 22. Proposals are due February 26.

TPB Staff continued work on the CLRP Aspirations and “What Would it Take” scenarios. Staff presented draft results of the two scenarios to the TPB Technical Committee, TPB Scenario Study Task Force and TPB. Staff completed modeling and initial model output analysis of the CLRP Aspirations Scenario. Staff also completed analysis of measures under the “What Would it Take?” scenario and completed analysis of grouping of strategies. Staff completed initial documentation and final presentation material for both scenarios.

D. Coordination Cooperative Forecasting & Transportation Planning

Staff continued the processing and geocoding of the Dunn & Bradstreet employment files for 2005 and 2007 to assist local jurisdictions in prepare base year small area employment estimates by major industry type for the development of Round 8.0 Cooperative Forecasts on the new TAZ system.

Staff reviewed the status and schedule for the submission draft Transportation Analysis Zone (TAZ) level Round 8.0 forecasts with the Cooperative Forecasting and Data Subcommittee.

Staff began 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 continued work on the development of the highway and transit network over the 3,722 TAZ are system using the using TPB’s GIS-based network management system. The transportation networks have been developed for 15 jurisdictions out of 23. A status report detailing progress made to date was presented to the TPB Travel Forecasting Subcommittee in January. Draft network plots of the completed highway networks were made available to TFS members for their review.

Staff also continued the update of base year (2009) 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.

B. GIS Technical Support.

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

Staff installed and configured ArcGIS software on the computers of recently hired departmental staff. Staff loaded the regional highway and transit network databases into the Master Highway and Transit Network editing application.

Staff trained the network coding team on the use of specific features of the Master Highway and Transit Network editing application.

Staff identified a few minor problems with the results of the network coding being performed using the Master Highway and Transit Network editing application and made some manual corrections to the new regional highway and transit network databases being developed using this application. Staff also procured a \$10,000 software maintenance agreement with the contractor who developed the Master Highway and Transit Network editing application and requested the contractor to make a few modifications to this software application.

Staff completed the mapping of attribute data from multiple sources for the USGS Regional Landmark and Transportation project.

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

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

Staff attended the monthly MD MSGIC executive committee meeting to increase GIS coordination among COG and state and local government agencies in Maryland.

C. Models Development

The Version 2.3 travel model development on the 3722 zone system continued in a number of areas:

- Alternate procedures for developing zonal walk shed areas for the new TAZ system have begun being tested. The walk shed areas are important inputs to the mode choice model.
- The 2007/08 Household Travel Survey files were further summarized at the activity center level and analyzed for reasonability. Results of the analysis were presented to the TFS at the January meeting.

- Household tabulations by income level were developed from the American Community Survey (ACS) and from the 2007/08 HTS. This information will support the household income submodel used in the Version 2.3 model. Documentation on this work has begun.
- Staff work continued on the development of land use data on the 3,722 zone system.
- Staff collected and analyzed observed transit data which will be used as calibration “targets” with which to assess the Version 2.3 mode choice model.

Senior staff members attended the 89th Annual Meeting of the Transportation Research Board (TRB), which was held in Washington, D.C. from January 10-14, 2010.

D. Software Support

Staff began preparing a draft memorandum on data storage procedures and shared an early draft with other senior staff.

In response to a data request, staff prepared trip and VMT summaries with detailed description of the data, and transmitted a response to an external client.

Staff continued work activities to implement the new GIS database network development application and to research methods appropriate for HOT lane toll setting in order to reduce processing time.

5. TRAVEL MONITORING

A. Cordon Counts

Staff presented a memorandum to the Travel Forecasting Subcommittee, describing the proposed data collection approach for the spring FY2010 Regional HOV Facilities project. In contrast to previous efforts, it is proposed that the number of counting stations be reduced, resulting in additional time to conduct 2-day counts at the remaining stations.

Processing of the Central Employment Cordon Count data that were collected during spring 2009 continued during the reporting period. Upon completion of data processing, staff will prepare a report documenting the procedures and results of the Central Employment Cordon Count project.

B. Congestion Monitoring and Analysis

Staff continued arterial travel time data collection but due to inclement weather had to postpone data collection but continued reviewing the data for quality control and assurance.

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 worked 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 average household size and vehicle availability between the 1994 and 2007/2008 surveys.

Staff attended the Annual TRB Meeting and participated in the TRB Travel Surveys Methodology Committee and Household Travel Survey Subcommittee meetings.

Staff presented the outline of the HTS technical report and documentation to the Travel Forecasting Subcommittee on January 22, 2010.

D. Regional Transportation Data Clearinghouse

Staff completed the factoring of the supplemental traffic counts for DC to Average Annual Daily Traffic (AADT) volumes.

Staff completed the loading of DC hourly traffic volumes to the Regional Transportation Data Clearinghouse database.

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

6. **TECHNICAL ASSISTANCE**

A. **DISTRICT OF COLUMBIA**

1. Program Development, Data Requests & Miscellaneous Services

The program manager reviewed final status of the projects in the technical assistance program. TPB staff attended and prepared meeting minutes for the monthly HPMS meeting.

2. FY10 DDOT Traffic Counts

Staff followed up with the contractor on some missing data and documentation and completed the review and quality control checks of the CY2009 traffic counts.

Staff began the formatting of the CY 2009 traffic count data into a spreadsheet reporting format requested by DDOT.

3. Bicycle Counts

No work 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

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 this reporting period.

7. Unprogrammed

No work activity specified.

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

No activity to report during this 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 also began discussion of FY 2011 technical assistance activities. Staff also hosted the bi-monthly coordination meeting with MD SHA staff in the COG offices on January 22nd.

2. Miscellaneous Services

No activity to report during this 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/Capital Beltway Studies

Staff coded networks and 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 began coding the networks for the Alternative 3B. However, at the January MD SHA/ TPB coordination meeting, MD SHA staff advised TPB staff that some of the input assumptions would be revised and documented in a forthcoming memorandum, and that some of the completed work might need to be redone.

On a different track, TPB staff met with Frederick County staff and discussed possible methods to further subdivide the newly proposed 130 transportation analysis zones in Frederick. As agreed at the meeting, TPB staff subsequently transmitted the new zone boundaries to Frederick County staff. In turn, Frederick County staff will create detailed land use data for all of the Frederick County TAZs total of 136). The new zone structure would be utilized in a “traffic assignment post-processor” technique that would create a more detailed traffic assignment in Frederick County.

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

No activity to report during this reporting period.

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 this reporting period.

9. Project Evaluation

No activity to report during this reporting period.

10. Statewide Travel Demand Model

Staff finalized TPB's response to SHA's draft report on a statewide model validation approach and transmitted a memorandum with comments to MD SHA staff. The memorandum and comments were further discussed at the January MD SHA/ TPB coordination meeting.

TPB staff transmitted a memorandum comparing demographic data generated by the Statewide Travel Model team against Cooperative Forecast Data. The memorandum included possible ways to reconcile the differences.

11. Development/Refinement of Technical Methods

No activity to report during this 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. The final kickoff meeting was held in January.

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. 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. 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 develop scopes of work and prepare 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.

2. Miscellaneous Services

No activity to report during this reporting period.

3. Northern Virginia HOV Facilities Monitoring and Data Collection

In January, staff completed processing travel time and traffic count data Collected in the fall as part of the Northern Virginia HOV Facilities Monitoring project. The remainder of data processed for this project were Transmitted to VDOT in early January.

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

No activity to report during this reporting period.

5. Travel Forecast Model Refinements

No activity to report during this reporting period.

6. Data Mine State of the Commute Survey

No activity to report during this 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 this reporting period.

2. Miscellaneous Services

No activity to report during this reporting period.

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 Committee Resolution SR12-2010.

4. Analyze Bus Passenger Survey Trip Origins and Destinations

No activity to report during this 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

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 prepared a 'preliminary' draft of the Ground Access Element Update and presented it to the Aviation Technical Subcommittee for

review at its January 28, 2010 meeting. Following review and comment from Subcommittee members, staff will prepare a draft Ground Access Element Update, which will address comments received from Subcommittee members, and present it the Subcommittee at its March meeting.

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

Staff corrected several records in the database that were discovered to have faulty GPS coordinates associated with the corresponding images. The corrected database was submitted to DDOT in January to conclude this effort.

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
FINANCIAL STATUS OF TECHNICAL ASSISTANCE**

FY-TO-DATE JANUARY 31, 2010
SUPPLEMENT 1

3/1/2010

	COST CODES	TOTAL		TOTAL		FTA/STA/LOC		EXPENDITURES		PL FUNDS/LOC	
		BUDGET	AUTHORIZED	EXPENDITURES	BUDGET	AUTHORIZED	BUDGET	AUTHORIZED	EXPENDITURES	BUDGET	AUTHORIZED
A. District of Columbia											
1.	040	17,500		14,414.39	2,327		1,916.31		15,173		12,498.07
2.	041	150,000		20,312.84	19,944		2,700.73		130,056		17,612.10
3.	042	70,000		1,189.48	9,307		158.15		60,693		1,031.33
4.	043	33,000		31,867.00	4,388		4,237.33		28,612		27,629.67
5.	044	55,800		11,703.47	7,419		1,556.06		48,381		10,147.42
6.	045	60,000		1,082.25	7,977		143.88		52,023		938.36
7.	046	3,750		98.57	499		13.12		3,251		85.45
8.	047	32,000		31,825.86	4,255		4,231.82		27,745		27,594.04
		422,050		112,493.85	56,115		14,957.40		365,935		97,536.45
B. Maryland											
1.	060	25,000		11,982.46	3,324		1,593.19		21,676		10,389.27
2.	061	24,200		0.00	3,218		0.00		20,982		0.00
3.	062	25,000		3,764.11	3,324		500.48		21,676		3,263.64
4.	063	82,300		38,952.13	10,942		5,178.79		71,358		33,773.34
5.	064	40,000		31,882.16	5,318		4,238.73		34,682		27,643.43
6.	065	132,000		6,268.72	17,550		833.45		114,450		5,435.26
7.	066	135,000		125,647.18	17,949		16,705.49		117,051		108,941.69
8.	067	100,000		1,082.25	13,296		143.90		86,704		938.35
9.	068	40,000		0.00	5,318		0.00		34,682		0.00
10.	069	35,000		20,821.07	4,653		2,768.01		30,347		18,053.06
11.	070	50,000		13,240.02	6,648		1,760.39		43,352		11,479.63
12.	071	50,000		2,164.49	6,648		287.79		43,352		1,876.70
13.	072	100,000		0.00	13,296		0.00		86,704		0.00
14.	073	33,000		30,879.60	4,388		4,106.04		28,612		26,773.56
		871,500		286,684.19	115,872		38,116.26		755,628		248,567.93
C. Virginia											
1.	080	8,000		4,151.50	1,064		551.91		6,936		3,599.59
2.	081	84,643		307.40	11,254		40.87		73,389		266.53
3.	082	315,000		220,165.00	41,881		29,272.14		273,119		190,892.86
4.	083	50,000		0.00	6,648		0.00		43,352		0.00
5.	084	55,000		0.00	7,313		0.00		47,687		0.00
6.	085	50,000		0.00	6,648		0.00		43,352		0.00
7.	086	33,000		28,578.57	4,388		3,800.06		28,612		24,778.51
		595,643		253,202.46	79,195		33,664.98		516,448		219,537.48
D. WMATA											
1.	100	10,000		3,074.00	10,000		3,074.00		0		0.00
2.	101	35,977		8,992.17	35,977		8,992.17		0		0.00
3.	102	125,000		100,000.00	125,000		100,000.00		0		0.00
4.	103	40,000		0.00	40,000		0.00		0		0.00
5.	104	0		0.00	0		0.00		0		0.00
		210,977		112,066.17	210,977		112,066.17		0		0.00
GRAND TOTAL		2,100,171		764,446.67	462,159		198,804.81		1,638,012		565,641.86

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

	BUDGET TOTAL	FUNDS EXPENDED	% FUNDS EXPENDED
1. PLAN SUPPORT			
A. Unified Planning Work Program (UPWP)	70,700	47,202	67%
B. Transportation Improvement Program (TIP)	251,830	75,805	30%
C. Constrained Long-Range Plan	638,400	316,894	50%
D. Financial Plan	134,000	54,056	40%
E. Public Participation	446,900	266,576	60%
F. Private Enterprise Participation	18,300	6,903	38%
G. Annual Report	80,100	21,403	27%
H. Transportation / Land Use Connection Program	465,000	135,979	29%
I. DTP Management	452,100	226,278	50%
SUBTOTAL	2,557,330	1,151,096	45%
2. COORDINATION PLANNING			
A. Congestion Management Process (CMP)	155,000	101,515	65%
B. Management, Operations & ITS Planning	390,300	243,193	62%
C. Emergence Preparedness Planning	75,400	35,786	47%
D. Transportation Safety Planning	100,000	31,254	31%
E. Bicycle and Pedestrian Program	108,700	42,293	39%
F. Regional Bus Planning	100,000	59,317	59%
G. Human Service Transportation Coordination Planning	114,800	44,010	38%
H. Freight Planning	130,000	78,350	60%
I. MATCO Program Planning & Support	120,000	0	0%
SUBTOTAL	1,294,200	635,719	49%
3. FORECASTING APPLICATIONS			
A. Air Quality Conformity	563,199	257,174	46%
B. Mobile Emissions Analysis	640,100	459,203	72%
C. Regional Studies	615,800	226,307	37%
D. Coord. Cooperative Forecasting & Trans Planning	726,800	335,331	46%
SUBTOTAL	2,545,900	1,278,015	50%
4. DEVELOPMENT OF NETWORKS AND MODELS			
A. Networks Development	769,700	408,710	53%
B. GIS Technical Support	548,800	320,334	58%
C. Models Development	1,221,200	553,655	45%
D. Software Support	178,900	51,294	29%
SUBTOTAL	2,718,600	1,333,993	49%

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

	BUDGET TOTAL	FUNDS EXPENDED	% FUNDS EXPENDED
5. TRAVEL MONITORING			
A. Cordon Counts	460,750	85,526	19%
B. Congestion Monitoring and Analysis	525,000	218,316	42%
C. Travel Survey and Analysis Household Travel Survey	456,300	302,974	66%
D. Regional Transportation Clearinghouse	317,900	91,696	29%
SUBTOTAL	1,759,950	698,512	40%
SUBTOTAL CORE PROGRAM ITEMS 1-5			
	10,875,980	5,097,335	47%
6. TECHNICAL ASSISTANCE			
A. District of Columbia	422,050	112,494	27%
B. Maryland	871,500	286,684	33%
C. Virginia	595,643	253,202	43%
D. WMATA	210,977	112,066	53%
SUBTOTAL	2,100,171	764,447	
TPB GRAND TOTAL	12,976,150	5,861,781	45%