

PROGRAM HIGHLIGHTS

1. PLAN SUPPORT

A. Unified Planning Work Program (UPWP)

At its October 2 meeting, the Steering Committee approved an amendment to the FY 2010 UPWP to add a new work item to perform a commercial loading zone survey in the District of Columbia. Staff began developing a major amendment that will increase the FY 2010 budget by \$868,000 and modify several work tasks. The Technical Committee will be briefed on this amendment on November 6. In March 2009 TPB approved the FY 2010 UPWP with conservative estimates of Maryland Department of Transportation (MDOT) and Virginia Department of Transportation (VDOT) FY 2009 federal allocations for the budget. Federal FY 2009 funding was not finalized until September 30, 2009 so the FY 2010 UPWP budget and certain work tasks now need to be amended. The TPB will be briefed on the amendment in November as asked to approve it on December 16.

B. Transportation Improvement Program (TIP)

On October 2, the TPB Steering Committee approved two amendments to the FY 2010-2015 TIP. The first amendment was requested by VDOT for two road projects in Prince William and Loudoun Counties. The second amendment was requested by the City of Gaithersburg to add a new conformity-exempt project to the TIP. At their October 21 meeting, the TPB approved an amendment to the TIP to include the "Return to L'Enfant" project over I-395 requested by DDOT.

C. Constrained Long-Range Plan (CLRP)

The public comment period on the amendments to the 2009 CLRP and FY 2010-2015 TIP to include the Purple Line Light Rail project and the "Return to L'Enfant" project over I-395, and the associated Air Quality Conformity Analysis concluded on October 10. Four comments were received during the 30-day public comment period. These comments were compiled along with recommended responses prepared by TPB staff and presented to the Board for their approval on October 21. Following approval of the comments, the TPB approved the proposed amendments and the associated Air Quality Conformity Analysis. TPB staff updated the documentation of the CLRP on its web site to reflect these amendments.

During the month of October, staff continued preparations for the FHWA/TPB sponsored workshop on November 9 "Linking Conservation and Transportation Planning Workshop". The workshop is designed to assist State DOTs, MPOs and State and Federal resource agencies to better coordinate and integrate

transportation and conservation planning. Staff coordinated with FHWA representatives on the agenda, speakers, invites letter and logistics. The database of TPB environmental consultation contacts was updated in preparation for the invite letter to be sent. The maps depicting transportation improvements and environmental resources were updated with the latest data. Staff presented the purpose of the workshop at the Technical Committee and Steering Committee.

Staff presented the draft Call for Projects document and schedule for the 2010 CLRP and the FY 2011-2016 TIP to the Technical Committee on October 2 and then to the TPB on October 21. Following feedback received at the Board presentation, staff developed new language for the document on evolving policy context and direction for the Plan and TIP.

D. Financial Plan

The sixth working group meeting on the financial analysis for the 2010 plan update which was scheduled for October 28 was rescheduled to November 10. This delay was necessary because staff from the implementing agencies are continuing to have difficulties finalizing their long range revenue forecasts due to the current budget shortfalls and downturn in transportation revenues. The consultant continued to work with the implementing agency staffs to assemble cost and revenue data and forecasts.

E. Public Participation

On October 15, TPB staff convened an informal planning session with stakeholders to solicit input on how to conduct outreach for this year's update to the Constrained Long-Range Plan (CLRP). This meeting was conducted in conjunction with the normal monthly meeting of the TPB Citizens Advisory Committee. Participants included members of the TPB CAC, along with representatives from interest groups and individual citizens from across the region. Representatives of transportation implementing agencies were also presented and contributed to the discussion. Through a process of brainstorming and discussion, participants provided suggestions regarding a variety of public involvement techniques—ranging from low-tech publications and briefings to high-tech electronic town hall meetings and web-based outreach methods.

On October 29 and 31, staff conducted the sixth session of the TPB's Community Leadership Institute (CLI). The CLI provides a diverse array of community leaders with information on how to promote effective involvement in transportation decision making. The workshops were facilitated by former TPB chairs Peter Shapiro and Kathy Porter. This round of the Institute targeted leaders who are already involved in advocacy groups working on transportation issues. The sessions featured an interactive role-playing activity and a new activity designed to encourage participants to understand the

regional transportation funding shortfall and the difficult tradeoffs that are part of decision making.

At the TPB meeting on October 21, the CAC Chairman presented a set of recommendations urging the TPB to move forward with the development of a regional transportation priorities plan. The TPB chairman asked that these recommendations be included on the Board's November agenda.

TPB staff developed a draft grant proposal for funding under the Federal Value Pricing Pilot Program to perform a study on the public acceptability of road-use pricing. The cost of the study will be \$400,000. The proposal is seeking \$320,000 from the Federal Highway Administration. The COG Board of Directors on October 14 approved a match of \$80,000. A sketch version of the proposal was discussed and approved by the TPB at its meeting on October 21. The final proposal was developed in time for the submission deadline of November 3.

F. Private Enterprise Participation

No work activities during the reporting period.

G. Annual Report

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

H. Transportation / Land Use Connection Program (TLC)

TPB staff selected consultants and contracts were developed for six projects that are part of the FY2010 round of projects approved by the TPB in July. Kickoff meetings for two of those projects occurred in October.

Consultant proposals were solicited for an additional three projects, which will use funding made available from the MDOT technical assistance account, that were approved by the TPB in September.

Consultant work proceeded on four of the TLC projects initiated in FY2009 that continued into the new fiscal year with FY2010 funding.

I. DTP Management

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

- The DTP Director participated in a joint meeting AASHTO and AMPO to discuss the use of performance management and monitoring in transportation planning

- The DTP Director gave a presentation to a meeting on Capitol Hill sponsored by the Environmental and Energy Study Institute (EESI) on strategies to reduce greenhouse gas emissions from the transportation sector
- The DTP Director chaired a session on travel modeling at the annual meeting of the Association of Metropolitan Planning Organizations (AMPO)
- The DTP Director gave a presentation to a joint House/Senate Committee of the Virginia Legislature on the TPB's Bus Priority Transit proposals and the TIGER grant application

2. COORDINATION PLANNING

A. Congestion Management Process (CMP)

Staff continued to obtain and review information and data for the 2010 CMP Technical Report, including:

- Determining the maps, graphs and tables to be included in the Highway Congestion section.
- Reviewing travel time reliability measures to select the most appropriate measures for the region.
- SAS programming to generate congestion and travel time reliability measures such as travel time index, buffer index and planning time index.
- Working with WMATA to obtain bus speed and crowding information.

On October 15, staff attended a Transportation Research Board webinar on "Overview of Performance Measures for Regional Operations". On October 5 and 23, staff monitored two webinars on dynamic traffic assignment offered by FHWA Travel Model Improvement Program.

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

- The Management, Operations, and Intelligent Transportation Systems (MOITS) Policy Task Force and Technical Subcommittee met jointly on October 13, 2009. The group continued discussion of MOITS Strategic Plan development activities, including a presentation from the strategic plan consultant team, as well as the status of MOITS and related work program items.
- Staff continued coordinating with the Regional Emergency Support Function #1 – Emergency Transportation Program and Committee, and provided

input for and participated in the regular RESF-1 Committee meeting on October 9. See also Item 2.C.

- Staff also continued coordination work with the Metropolitan Area Transportation Operations Coordination (MATOC) Program, including participation in MATOC meetings on October 1, 8, 19, and 20.
- MOITS Strategic Plan Activities: Staff was in frequent contact throughout October with and oversaw the consultant team as the team began developing the plan, as well as to plan for and conduct the first MOITS Strategic Plan Working Group meeting on October 13.
- Traffic Signals Activities: The MOITS Traffic Signals Subcommittee met on October 26, discussing an update on Transit Signal Priority (TSP) planning from WMATA staff, a Montgomery County signals data collection project associated with the Homeland Security UASI program, and Prince George's County's Ethernet pavement sensors. Staff continued work on a regional summary map of traffic signal locations and conditions.
- Regional ITS Architecture Activities: The MOITS Regional ITS Architecture Subcommittee did not meet in October. Staff provided input to the MOITS Strategic Plan consultant team on the interfaces between the Strategic Plan and Regional ITS Architecture.
- Staff undertook preparatory and supporting work in the above areas.
- On October 15, staff participated in a federal Webinar on regional operations performance measures.
- Staff attended the Intelligent Transportation Society of Maryland Annual Meeting in Laurel October 21-22.
- On October 28, staff participated in the monthly meeting of the Regional Transit Operators Group at the WMATA/Fairfax Connection West Ox bus facility in Fairfax.

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. In addition to staffing RESF-1's meeting on October 9th staff also attended the COG Emergency Managers Committee meeting on October 21st. Staff began preparations for the next monthly meeting which will take place on November 9th 2009.

Staff also presented an update on the 2010 UASI process and RESF-1 activities to MOITS at its October 13th meeting. With the forthcoming 2010 UASI process staff attended meetings related to possible priority areas and changes in the governance model. Staff also attended the Passenger Rail subcommittee of the Fire Chiefs Committee on October 16th.

D. Transportation Safety Planning

Staff prepared for and hosted a meeting of the Transportation Safety Subcommittee on October 30, 2009:

- The Subcommittee received a briefing and demonstration from Michael Pack on the progress which the [University of Maryland CATT Lab](#) has made on the Maryland data mining and evaluation tool, and get user input for a formal cost estimate and proposal for a regional data analysis tool. The Maryland version is nearly complete, at a cost of \$170,000.

Response by attendees was positive; all agreed that this would be a very useful tool for planning, especially for users not trained in SQL (programming) queries. WMATA would like to use it for its station-area plans. DDOT expressed strong interest in expanding the tool to cover DC. VDOT representatives expressed cautious support, but noted both that VDOT is developing some software tools of its own, and that VDOT has severe budget constraints.

Two alternative approaches are to develop three separate but different tools, one for each State, or a single tool for the entire region. A regional tool would involve reconciling differences in the way data is tracked in the different States. The next step would be a scoping study to identify cost and schedule for Developing a regional data mining and visualization tool.

- The Subcommittee also received a briefing on regional safety data with respect to the safety emphasis areas in the Safety element of the Constrained Long-Range Plan, and a briefing on the Street Smart Pedestrian and Bicycle Safety campaign.

E. Bicycle and Pedestrian Planning

Staff did the minutes from the September 15th, 2009 meeting and followed up with the Subcommittee members to complete the list of top priority unfunded bicycle and pedestrian projects. Staff entered the project information for the bicycle and pedestrian projects in Frederick County from information provided by Frederick County staff, and followed up with other Subcommittee members to remind them to bring their project information up to date, and answered questions regarding the types of projects that should be in the regional database. The updated database will be a major input into the updated regional bicycle and pedestrian plan.

Staff reviewed the current bicycle and pedestrian plan, made note of changes and updates that need to be made, and gathered and reviewed materials for the plan update. Staff took photos of various newly built bicycle facilities in the region which could be used in the updated plan.

Staff briefed the TPB Technical Committee and the TPB on the Street Smart Pedestrian and Bicycle Safety campaign, including the results of the FY 2009 campaign, and proposed activities and funding for FY 2009, of which the Fall wave will take place in November 2009.

F. Regional Bus Planning

Staff prepared for the October 27 meeting of the Regional Bus Subcommittee, during which subcommittee members were encouraged to review the Draft Call for Projects for the 2010 CLRP and the FY2011-2016 TIP, which is out for public comment. Staff continued to research opportunities for coordination between bus operators, and visualization of out-year bus transit routes and levels of service. Staff also participated in several planning meetings of the District of Columbia's Office of Mass Transit, in support of the development of a high-quality surface transit network for the District.

G. Human Service Transportation Coordination

Staff prepared for the October 8 meeting of the Human Service Transportation Coordination Task Force. Staff prepared a small group activity for members to discuss recommended priority actions to be included in the plan. Staff continued to work on updates to the Coordinated Human Service Transportation Plan, including revising the strategies for improving service and coordination. The Task Force was briefed on the Wheelchair Accessible Taxicab Pilot Project. A meeting summary was prepared.

Staff participated in a roundtable discussion sponsored by AARP to discuss how human service transportation coordination programs are working, and to make recommendations for improvements to be included in the transportation reauthorization.

H. Freight Planning

- Staff continues to work on the *National Capital Region Freight Plan*. This includes collecting information and available data, and analyzing data.
- Staff began to draft a letter in response to the letter received from Norfolk Southern on October 2, 2009. Norfolk Southern has requested TPB support for the Crescent Corridor Freight Project in a letter addressed to Secretary of Transportation Ray LaHood.
- Staff briefed the Management Operation and Intelligent Transportation Systems (MOITS) Technical Subcommittee on the Freight Program on October 13, 2009. This included discussion on the TPB letter of support for the CSX National Gateway Initiative.

- Staff coordinated with the Maryland Food Center Authority and the Baltimore Metropolitan Council to organize a joint tour for the November 5, 2009 Freight Meeting.
- Staff prepared and distributed the monthly *Focus on Freight*-October 2009 newsletter.

3. FORCASTING APPLICATIONS

A. Air Quality Conformity

Staff responded to comments and presented the air quality conformity report for the 2009 CLRP and FY2010-2015 TIP amendments to the TPB Technical Committee and TPB at their respective October meetings. Following adoption by the TPB, staff finalized the report in preparation for distribution to the appropriate federal, state, and local agencies. The final report is posted on COG's website. This work also reported below within the District of Columbia and Maryland technical assistance programs, which funded the effort.

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 October TPB meeting and air quality conformity consultation elements.

B. Mobile Emissions Analysis

Staff worked to draft the final report on climate change work activities, from construction of mobile source emissions inventories to assessment of control strategies. Staff attended a MDOT climate change committee meeting and provided inputs on TPB's climate change control measure activities.

In conjunction with COG/DEP, staff continued work activities to test the new draft version of EPA's MOPVES model. This included co-hosting and participating in the October meeting of the MOVES Task Force, and developing local inputs of vehicle population and age distribution for the District of Columbia, Fairfax County, and Montgomery County. Documentation of the work and sensitivity tests of local inputs is underway.

The Travel Management Subcommittee did not meet during the month of October, 2009. The subcommittee was briefed on the ongoing mobile emissions activities through email. The next meeting of the subcommittee will be held on November 24, 2009.

In support of SIP planning activities, staff participated in meetings/conference call of MWAQC's Executive Committee and its Technical Advisory Committee.

C. Regional Studies

TPB staff continued work on the CLRP Aspirations and What Would it Take scenarios. Staff finalized the land use component by incorporating all collected jurisdictional comments and preparing the data for travel demand modeling. Additionally, staff worked on finalizing the Aspirations Scenario Transit Network, including preparing a base network for the analysis and coding of new bus rapid transit lines. Staff also continued to analyze measures from the COG Climate Change Report for incorporation into the What Would it Take scenario. Staff completed analysis on alternative fuels and various transportation demand measures, such as bike-sharing and carpool incentives.

D. Coordination of Cooperative Forecasting and 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.

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

Staff received draft jurisdiction level Round 8.0 Cooperative Forecasts from local jurisdictions and prepared an analysis comparing these draft forecasts with the results of the regional econometric model. Staff reviewed the draft jurisdiction level Round 8.0 forecasts with the Planning Directors' Technical Advisory Committee (PDTAC). The PDTAC recommended approval of these forecasts and endorsed the transmittal of the draft Round 8.0 forecast to the Metropolitan Development Policy Committee (MDPC) for this Committee's approval.

4. DEVELOPMENT OF NETWORK / MODELS

A. Network Development

TPB staff continued network development activities relating to the newly established 3,722 Transportation Analysis Zone (TAZ) system, which will ultimately support the Version 2.3 Model calibration work. Work on the placement of new centroids and centroid connectors on paper maps was completed in October. These marked maps will be used as coding guides to facilitate electronic (on-screen) network editing. A detailed review of the 3,722 TAZ boundaries undertaken in October has indicated that minor changes to zone boundary delineations may yet be necessary.

Staff continued to test the GIS-based network editing capability, which will be used in the electronic coding of the highway and transit network on the new TAZ system. The results of application testing undertaken in October indicate that the application is operating as desired.

During October staff also continued the updating of base year (2009) transit networks using schedule data from local transit providers. This development activity is a regular part of the TPB's periodic transit network updating process which precedes annual air quality conformity work.

B. GIS Technical Support.

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

Staff successfully completed the testing of software fixes to Master Highway and Transit Network editing application and assisted network coding staff in the population of the geodatabase for this application.

Staff continued the update of the water body layer in the spatial data library with additional attribute data from the NAVTEQ database.

Staff completed the implementation of the geometric realignment of the TPB Master Network to the NAVTEQ street database and quality control checks of the updates to the TPB Master Network.

Staff continued testing the ESRI ETL (Edit, Transform, and Load) tool used to map attribute data from multiple sources that will be used in the USGS Regional Landmark and Transportation projects. These USGS Regional Landmark and Transportation projects are being performed collaboratively with the Towson University Center for GIS (CGIS) and members of the GIS Committee representing local jurisdictions in the Washington region.

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

Staff continued its review of household travel survey files that have recently been made available. These files will support the Version 2.3 calibration effort. The files consist of household, person, vehicle, and trip level data. Staff began its review of the trip file which was made available to the Models Development unit during October. A thorough review of the file is underway, including checks of logic and file consistency, and data validation.

Staff continued its investigation of 2007 traffic counts (hourly and daily) that reside in the TPB's Regional Transportation Data Clearinghouse (RTDC). The counts are being summarized to establish a database of daily and period-specific traffic counts to be used in the Version 2.3 model calibration. The counts are also being examined to better understand count variability (weekly and monthly) and peaking characteristics.

Staff continues work to develop land use data (Round 7.2a) on the new 3,722 zone system, which will be used for model calibration work before the Round 8.0 data becomes available. The Round 8.0 Cooperative Forecasts will be the first land activity forecasts prepared for the new zone system. The Round 8.0 land activity forecasts will be released during the early part of calendar year 2010.

One staff member attended the AMPO Travel Modeling Work Group meeting which took place in Chicago on October 1 and 2. The forum provided an opportunity for MPO modelers from around the country to exchange information on a variety of technical issues. A key agenda item was a status report on an AMPO administered study to ascertain the current state of available documentation from around the U.S. regarding the development and performance of advanced (activity-based) travel models.

D. Software Support

Staff continued work activities to implement the new GIS database network development application. DTP staff continued work to execute a variety of benchmark travel demand model runs in order to test the performance of updated processing and storage array hardware.

Staff continued to explore distributive processing, a new feature of Cube that, if successfully implemented, could shorten model runtime by running multiple scripts in parallel utilizing multiple CPUs. Staff continued to research various line search methods appropriate for HOT lane toll setting to reduce processing time as part of improving the HOT lane modeling process. Staff also documented previously prepared SAS code to assist with the comprehensive analysis of simulation results for multiple scenarios.

5. TRAVEL MONITORING

A. Cordon Counts

No activity to report during this reporting period.

B. Congestion Monitoring and Analysis

Staff completed preliminary field work in preparation for the arterial travel time/speed survey. Recruitment of temporary drivers, checks of data collection equipment, and preparation of other materials in support of the survey are underway.

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

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

response to ensure consistency between assigned trip purposes and activities reported at trip origin and trip destinations.

Staff met with DC Office of Planning staff and their consultants to answer questions about the HTS and to discuss how the data from this survey could be used in a planning study they are conducting for GSA.

Staff met with MNCPPC-Montgomery County staff to discuss the results of the HTS and how data from this survey could be used in upcoming MNCPPC planning studies.

Staff assisted Arlington County with plans to conduct a supplemental Household Travel Survey of 400 hundred household in the Columbia Pike, Shirlington and Route 1 Corridor within the County.

D. Regional Transportation Data Clearinghouse

Staff completed the update of transit databases in the Regional Transportation Clearinghouse with new data obtained from WMATA and local jurisdiction transit systems.

Staff completed the addition of the 2009 Arterial Travel Time Study data to the Clearinghouse.

Staff completed the addition of the NVTC Corridor traffic and transit counts to the Clearinghouse.

Staff began development of work plan for recommended enhancements to the Regional Transportation Clearinghouse in the second half FY 2010 and in FY 2011.

6. **TECHNICAL ASSISTANCE**

A. **DISTRICT OF COLUMBIA**

1. Program Development, Data Requests & Miscellaneous Services

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

2. DDOT Traffic Counts

Staff coordinated with the contractor on the delivery of the CY 2009 traffic counts and the associated documentation for these counts.

3. Bicycle Counts

No activity to report during this 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. District of Columbia Ward 6 Ballpark Curbside Data Collection

During the period, staff made final edits to the data collected for the Ward 6/Nationals Ballpark performance parking district parking study, and prepared a draft report documenting the procedure and findings. 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

In consultation with DDOT staff worked to finalize the list of locations for the 2010 Spring survey.

7. DDOT Air Quality Conformity Assessment

This work, jointly funded MDOT and DDOT, is reported under the (regional) Air Quality Conformity project.

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

The conformity assessment component of this work, jointly funded MDOT and DDOT, is reported under the (regional) Air Quality Conformity project.

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.

Staff identified 50 priority traffic counting locations for newly ungrouped HPMS sections that are to be counted in November and December.

B. MARYLAND

1. Program Development /Management

Staff continued coordination with MDOT and MD SHA staff regarding initiation and execution of FY2010 work program activities.

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

No activity to report during this reporting period.

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

The conformity assessment component of this work, jointly funded MDOT and DDOT, is reported under the (regional) Air Quality Conformity project.

6. Project Planning / Feasibility Studies

No activity to report during this reporting period.

7. Managed Lanes-Planning

Staff coded networks and executed travel demand modeling using an Woodrow Wilson Bridge and US 50. Staff executed travel demand modeling for the 2005 Validation and began travel demand modeling work for the 2030 Build Option.

In conjunction with this project, staff began researching potential use of time-of-day counts and simulated volumes. Staff prepared summaries that contained time-of-day counts and simulated volumes on individual links and on a selected screenline. As a part of the process, models applications team staff familiarized themselves with TPB's "Clearinghouse" project and its GIS-based application.

8. Traffic Impacts

No activity to report during this reporting period.

9. Project Evaluation

No activity to report during this reporting period.

10. Statewide Travel Demand Model

Staff attended a meeting with University of Maryland and COG's Department of Community Planning staff. The University of Maryland staff briefed COG/ TPB staff on the status and recent applications of Maryland's Statewide Model. TPB staff verbally expressed some concern about the use of the model in MPO areas to estimate travel demand, response to tolling, and emission calculations. Following the meeting, TPB staff transmitted the Air Quality Determination Report of the 2009 CLRP to the University of Maryland staff.

In response to another MD SHA data request pertaining to the Statewide Model, TPB staff, in consultation with COG's Department of Community Planning staff, transmitted documentation on classification of employment in COG's cooperative forecasting land use files.

11. Development/Refinement of Technical Methods

In a continued review of economic analysis tools that may be used to evaluate potential transportation investments for MDSHA, staff began outlining tasks for the analysis of the FHWA software, BCA.net.

12. Monitoring Studies

No activity to report during this reporting period.

13. Transportation Land Use Connection (TLC)

TPB staff selected consultants and contracts were developed for six projects that are part of the FY2010 round of projects approved by the TPB in July. Kickoff meetings for two of those projects occurred in October. Consultant proposals were solicited for an additional three projects, which will use funding made available from the MDOT technical assistance account, that were approved by the TPB in September.

Consultant work proceeded on four of the TLC projects initiated in FY2009 that continued into the new fiscal year with FY2010 funding.

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

No activity to report during this reporting period.

2. Miscellaneous Services

No activity to report during this reporting period.

3. Northern Virginia HOV Facilities Monitoring and Data Collection

Data collection for this project continued throughout October. Collection efforts included conducting traffic counts and travel time runs for the locations noted below. It is anticipated that data collection will conclude in November. Traffic count locations for this effort include:

- I-95 at Newington
- I-395 at Glebe
- I-66 at Nutley
- I-66 at Sycamore
- VA 267 (Dulles Toll Road) at Hunter Mill
- Rt7/ Leesburg Pike
- Old Dominion Blvd
- Georgetown Pike
- Lewinsville Rd.

Travel time runs are to be performed for the AM and PM peak period on I-95/I-395, I-66 and VA 267 (Dulles Toll Road).

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

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

During the month of October, the consultant team continued their analysis of WMATA Priority Corridor Network (PCN). They prepared briefing materials for the October 16 Technical Advisory Committee (TAC) meeting and presented findings at that meeting; presented findings on the Modified PCN Alternative to the TAC at the October 16 meeting; conducted review meetings of the study findings with jurisdictions; and continued development of Measures of Effectiveness. TPB staff continued to provide limited technical services to WMATA and the selected consultant team in support of this project. Staff facilitated a meeting of the study's Technical Advisory Committee and participated in the conference calls and the TAC and jurisdiction meetings. Staff also reviewed and approved invoices from the consultant and reviewed consultant work products.

4. Analyze Bus Passenger Survey Trip Origins and Destinations

No activity to report during this reporting period.

5. Collection of Bus Passenger Counts

No activity to report during this reporting period.

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

A. Conduct 2009 Air Passenger Survey

Data collection for the 2009 Washington-Baltimore Regional Air Passenger Survey commenced October 11 and concluded October 30 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. In the coming months, staff will process the survey data and coordinate with the Aviation Technical Subcommittee on future efforts to document survey results.

B. Process 2009 Air Passenger Survey

No activity to report during this reporting period. 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 during this reporting period.

2) Ground Access Element Update

Staff continued identifying and reviewing ground existing and planned ground access facilities as part of the supply analysis Component of the Ground Access Element Update.

D. Ground Access Travel Time Study

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

Other CASP Activities

No activity to report during this reporting period.

8. **SERVICES/SPECIAL PROJECTS**

A. DDOT Commercial Curbside Loading Zone Data Collection

On October 2, 2009, the TPB Steering Committee approved Resolution TPB SR4-2010 to establish a new project funded out of the DDOT's State Planning and Research Program. This project entails identifying commercial loading zones in selected areas of the District of Columbia. Work commenced promptly with field data collection. Data collection is anticipated to conclude by early November.

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 OCTOBER 31, 2009

	BUDGET TOTAL	FUNDS EXPENDED	% FUNDS EXPENDED
1. PLAN SUPPORT			
A. Unified Planning Work Program (UPWP)	70,700.00	28,451.36	40%
B. Transportation Improvement Program (TIP)	151,700.00	56,404.57	37%
C. Constrained Long-Range Plan	638,400.00	168,388.98	26%
D. Financial Plan	134,000.00	16,313.24	12%
E. Public Participation	343,900.00	124,314.60	36%
F. Private Enterprise Participation	18,300.00	4,480.00	24%
G. Annual Report	80,100.00	6,074.96	8%
H. Transportation / Land Use Connection Program	465,000.00	77,846.90	17%
I. DTP Management	452,100.00	100,714.67	22%
SUBTOTAL	2,354,200.00	582,989.28	25%
2. COORDINATION PLANNING			
A. Congestion Management Process (CMP)	155,000.00	59,913.40	39%
B. Management, Operations & ITS Planning	390,300.00	112,745.60	29%
C. Emergency Preparedness Planning	75,400.00	18,945.56	25%
D. Transportation Safety Planning	100,000.00	18,087.07	18%
E. Bicycle and Pedestrian Program	108,700.00	27,066.72	25%
F. Regional Bus Planning	100,000.00	37,110.61	37%
G. Human Service Transportation Coordination Planning	114,800.00	28,569.06	25%
H. Freight Planning	130,000.00	44,764.53	34%
SUBTOTAL	1,174,200.00	347,202.56	30%
3. FORECASTING APPLICATIONS			
A. Air Quality Conformity	563,200.00	173,201.71	31%
B. Mobile Emissions Analysis	640,100.00	215,693.49	34%
C. Regional Studies	315,800.00	107,128.33	34%
D. Coord. Cooperative Forecasting & Trans Planning	726,800.00	180,794.69	25%
SUBTOTAL	2,245,900.00	676,818.21	30%
4. DEVELOPMENT OF NETWORKS AND MODELS			
A. Networks Development	769,700.00	207,283.86	27%
B. GIS Technical Support	548,800.00	180,105.01	33%
C. Models Development	1,221,200.00	304,163.84	25%
D. Software Support	178,900.00	18,878.25	11%
SUBTOTAL	2,718,600.00	710,430.96	26%

**FY 2010 TRANSPORTATION PLANNING BOARD
COG/TPB BUDGET EXPENDITURE SUMMARY
FY-TO-DATE OCTOBER 31, 2009**

	BUDGET TOTAL	FUNDS EXPENDED	% FUNDS EXPENDED
5. TRAVEL MONITORING			
A. Cordon Counts	437,750.00	40,490.25	9%
B. Congestion Monitoring and Analysis	525,000.00	110,752.44	21%
C. Travel Survey and Analysis Household Travel Survey	410,000.00	115,283.81	28%
D. Regional Transportation Clearinghouse	267,900.00	52,433.54	20%
SUBTOTAL	1,640,650.00	318,960.03	19%
SUBTOTAL CORE PROGRAM ITEMS 1-5			
	10,133,550.00	2,636,401.05	26%
6. TECHNICAL ASSISTANCE			
A. District of Columbia	422,050.00	89,170.12	21%
B. Maryland	820,200.00	144,859.36	18%
C. Virginia	529,800.00	90,635.19	17%
D. WMATA	202,099.00	110,262.63	55%
SUBTOTAL	1,974,149.00	434,927.30	
TPB GRAND TOTAL	12,107,699.00	3,071,328.35	25%

**FY 2010 TRANSPORTATION PLANNING BOARD
FINANCIAL STATUS OF TECHNICAL ASSISTANCE
FY-TO-DATE OCTOBER 31, 2009
SUPPLEMENT 1**

	COST CODES	AUTHORIZED BUDGET	TOTAL EXPENDITURES	FTA/STAILOC		PL FUNDS/LOC	
				AUTHORIZED BUDGET	EXPENDITURES	AUTHORIZED BUDGET	EXPENDITURES
A. District of Columbia							
1. Program Development, Data Requests & Misc. Services	040	17,500	12,309.31	1,574	1,107.29	15,926	11,202.01
2. DDOT Traffic Counts	041	150,000	5,512.23	13,493	495.86	136,507	5,016.37
3. Bicycle Counts	042	70,000	0.00	6,297	0.00	63,703	0.00
4. Phase II - Evaluation of the Metrobus Priority Corridor Network	043	33,000	26,638.46	2,969	2,396.29	30,031	24,242.17
5. DC Ward 6 Ballpark	044	55,800	11,703.47	5,020	1,052.80	50,780	10,650.68
6. 2009 Automobile Travel Time Survey	045	60,000	1,082.25	5,397	97.35	54,603	984.89
7. Unprogrammed	046	3,750	98.57	337	8.86	3,413	89.71
8. Purple Line / Return to L'Enfant Conformity Assessment	047	32,000	31,825.84	2,879	2,863.33	29,121	28,962.51
SUBTOTAL		422,050	89,170.12	37,966	8,021.78	384,084	81,148.34
B. Maryland							
1. Program Development/Management	060	25,000	9,957.26	2,249	895.71	22,751	9,061.55
2. Miscellaneous Services	061	24,200	0.00	2,177	0.00	22,023	0.00
3. MDOT Training /Technical Support	062	25,000	2,258.46	2,249	203.16	22,751	2,055.30
4. SHA-Western Mobility/Capital Beltway Studies	063	31,000	0.00	2,789	0.00	28,211	0.00
5. MTA- Corridor Cities Transit way / Purple Line Transit	064	40,000	31,882.14	3,598	2,867.99	36,402	29,014.15
6. Project Planning / Feasibility Studies	065	132,000	1,758.82	11,874	158.22	120,126	1,600.60
7. Managed Lanes-Planning	066	135,000	87,095.84	12,144	7,834.78	122,856	79,261.06
8. Traffic Impacts	067	100,000	1,082.25	8,996	97.35	91,004	984.89
9. Project Evaluation	068	40,000	0.00	3,598	0.00	36,402	0.00
10. Statewide Travel Demand Model	069	35,000	5,036.50	3,148	453.06	31,852	4,583.44
11. Development/Refinement of Technical Methods	070	50,000	3,623.60	4,498	325.96	45,502	3,297.63
12. Monitoring Studies	071	50,000	2,164.49	4,498	194.71	45,502	1,969.79
13. Transportation Land Use Connection (TLC)	072	100,000	0.00	8,996	0.00	91,004	0.00
14. Phase II - Evaluation of the Metrobus Priority Corridor Network	073	33,000	0.00	2,969	0.00	30,031	0.00
SUBTOTAL		820,200	144,859.36	73,782	13,030.95	746,418	131,828.41
C. Virginia							
1. Program Development	080	8,000	0.00	720	0.00	7,280	0.00
2. Miscellaneous Services	081	18,800	307.40	1,691	27.65	17,109	279.75
3. NVA. HOV Facilities Monitoring & Data Collection	082	315,000	90,327.79	28,336	8,125.52	286,664	82,202.28
4. High Occupancy / Toll (Hot) Lane Analysis I-95 / 395 Corridor	083	50,000	0.00	4,498	0.00	45,502	0.00
5. Travel Forecast Model Refinements	084	55,000	0.00	4,948	0.00	50,052	0.00
6. Data Mine State of the Commute Survey	085	50,000	0.00	4,498	0.00	45,502	0.00
7. Phase II - Evaluation of the Metrobus Priority Corridor Network	086	33,000	0.00	2,969	0.00	30,031	0.00
SUBTOTAL		529,800	90,635.19	47,659	8,153.17	482,141	82,482.02
D. WMATA							
1. Program Development	100	10,000	1,844.42	10,000	1,844.42	0	0.00
2. Miscellaneous Services	101	24,099	8,418.21	24,099	8,418.21	0	0.00
3. Phase II - Evaluation of the Metrobus Priority Corridor Network	102	100,000	100,000.00	100,000	100,000.00	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	28,000	0.00	28,000	0.00	0	0.00
SUBTOTAL		202,099	110,262.63	202,099	110,262.63	0	0.00
GRAND TOTAL		1,974,149	434,927.30	361,505	139,468.53	1,612,644	295,458.78