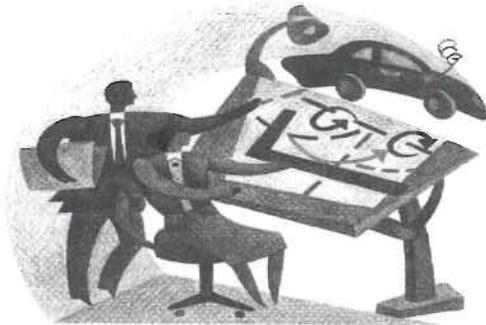


**FY2008
TPB WORK PROGRAM
PROGRESS REPORT**

JUNE 2008



**DEPARTMENT OF TRANSPORTATION PLANNING
METROPOLITAN WASHINGTON COUNCIL OF GOVERNMENTS
NATIONAL CAPITAL REGION
TRANSPORTATION PLANNING BOARD (TPB)**

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PROGRAM HIGHLIGHTS

1. PLAN SUPPORT

A. Unified Planning Work Program

The final progress report was prepared on the work activities in the FY 2008 UPWP. Activities under the FY 2009 UPWP begin on July 1, 2008.

B. Transportation Improvement Program (TIP)

At the June 9 meeting, the TPB Steering Committee approved two amendments to the FY 2007-2012 TIP as requested by VDOT.

At the February 20 meeting, the Board approved the major projects submitted for inclusion in the air quality conformity assessment for the 2008 CLRP and FY 2009-2014 TIP. On April 16, the Board approved a contingency course of action which does not rely on Northern Virginia Transportation Authority (NVTA) funding for the conformity assessment for the 2008 CLRP and FY 2009-2014 TIP. At the June 12 meeting of the Citizens Advisory Committee, the draft 2008 CLRP and FY 2009-2014 TIP (with and without NVTA funded projects) were released for a 30-day public comment period. At the June 18 meeting, the TPB received a briefing on the two versions of the draft 2008 CLRP and TIP, and the related conformity assessments. The TPB also approved amendments to the FY 2007-2012 TIP to update funding for five existing projects and to include fourteen new projects as requested by VDOT.

C. Constrained Long-Range Plan (CLRP)

At the February 20 meeting, the Board approved the major projects submitted for inclusion in the air quality conformity assessment for the 2008 CLRP and FY 2009-2014 TIP. On April 16, the Board approved a contingency course of action which does not rely on Northern Virginia Transportation Authority (NVTA) funding for the conformity assessment for the 2008 CLRP and FY 2009-2014 TIP. At the June 12 meeting of the Citizens Advisory Committee, the draft 2008 CLRP and FY 2009-2014 TIP (with and without NVTA funded projects) were released for a 30-day public comment period. At the June 18 meeting, the TPB received a briefing on the two versions of the draft 2008 CLRP and TIP, and the related conformity assessments.

D. Financial Plan

The financial plans were completed and include in the draft FY 2009-2014 TIP (with and without NVTA funded projects).

E. Public Participation

TPB staff completed planning for FY 2009 Public Participation activities by developing an FY 2009 Participation Program. The development of an annual strategy for public involvement activities is prescribed in the TPB Participation Plan approved by the TPB

in November 2007, and is designed to focus and maximize staff efforts. Staff sought input from the CAC on this annual program and modified it accordingly.

The monthly meeting of the CAC on June 18 focused on discussion of the May 15 Public Forum on the Transportation Improvement Program (TIP), a staff update on the TPB's Scenario Study, and discussion of the TPB's Participation Program for FY 2009.

F. Private Enterprise Participation

Staff prepared for the Regional Taxicab Regulators Task Force meeting on June 26.

G. Annual Report

Staff began work with a design consultant on design and layout of the draft annual report. Staff also began reviewing the work of photographers hired to take photos for potential use in TPB publications, and initiated plans for a searchable photo archive.

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

H. Transportation / Land Use Connection Program

Consultants completed work on the 11 location-specific TLC technical assistance projects for FY 2008:

- District of Columbia: "Multimodal Takoma!"— Development of a Multimodal Scorecard
- District of Columbia: Recommendations for Performance-Based Parking Implementation
- City of Bowie: Charrette on a Potential Pedestrian Link to the Bowie MARC Station
- City of Frederick: Assessment of Pedestrian Crossing Options on East Street
- Frederick County/City of Frederick: Assessment of BRAC Impacts at Fort Detrick
- City of Greenbelt: Assessment of Potential and Current Transit Options
- Montgomery County (Bethesda Urban Partnership): Recommendations for the Bethesda Circulator
- Prince George's County: Identification of Appropriate TOD Strategies for the Landover Metro Station
- Prince George's County: Recommendations for "Complete Streets" in the Prince George's Plaza Transit District
- Prince William County: Development of Transportation and Land-Use Strategies for the Yorkshire Corridor
- Arlington County: Recommendations for Process Improvements for Approving Parking for New Development

Consultants also completed work on the three remaining technical assistance projects of the five funded through the 2007 Virginia Multimodal Grant Program:

- Fairfax County: Look Back at Rezoning Cases to Compare Projected and Actual Transportation Impacts
- City of Manassas Park: Examination of Potential for Development Near the VRE Rail Station

- City of Falls Church: Corridor Planning on Washington Street

Staff continued to coordinate and participate in meetings throughout the region on each of the projects. Staff reviewed the products as they were developed and provided comments. Reconnecting America, the “umbrella” consultant for the TLC Program, also assisted with the review of working drafts and final products for these projects.

Staff continued to update and maintain the TLC website.

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 participated in a day-long Metropolitan Governance Workshop as part of the national Transportation Policy Project being conducted by the Bipartisan Policy Center.
- The DTP Director provided staff support to and participated in a “Forum on Regional Transportation Funding” cosponsored by COG, DDOT, the Board of Trade and Our Nation’s Capital.
- The DTP Director gave a presentation to the Montgomery County Chamber of Commerce on regional transportation planning issues.
- The DTP Director gave presentations at the TRB mid-year meeting in Baltimore on congestion pricing and the role of transportation planning in addressing climate change.
- The DTP Director participated on a panel on congestion pricing for the National Governors Association (NGA)
- The DTP Director participated on a panel at a Fairfax County conference on workforce housing.

2. COORDINATION PLANNING

A. Congestion Management Process (CMP)

Staff completed work on the 2008 CMP Technical Report. The report was provided for review and finalization at TPB Technical Committee meetings on June 6 and June 27, 2008.

Staff undertook related technical and support work.

End-of-year recap: FY2008 programmed activities under this task have been completed. During FY2008, staff undertook and completed three major activities under the CMP:

1. CMP Components of 2007 CLRP were developed and are available at www.mwcog.org/clrp/elements/cmp. The CLRP identified congestion in the region, developed and documented a process describing how congestion management is considered at critical stages in the metropolitan transportation planning process, and addressed federal requirements. The TPB approved the 2007 CLRP, including the CMP, on January 16, 2008.
2. Congestion Management Documentation Forms for the CLRP and TIP was developed, with supporting CMP reference material. These forms enabled compilation of information on major roadway capacity increasing projects that member agencies submitted to the FY2009-2014 TIP. The forms and supporting reference material were reviewed and accepted by the TPB Technical Committee in April 2008. CMP information associated with TIP projects (provided by member agencies) will be available in the TIP when published in FY2009.
3. The FY2008 CMP Technical Report was completed in June 2008, providing technical details as background to the CMP Components of the CLRP.

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

Staff continued technical work on Management, Operations, and Intelligent Transportation Systems (MOITS) program tasks. The MOITS Policy Task Force and MOITS Technical Subcommittee met on June 10, 2008, and focused on the following topics:

- Staff completed analysis of the survey of MOITS participants conducted in April, and presented and discussed survey results.
- Staff undertook preparatory work, and presented a sketch work plan and timeline for development of a MOITS Strategic Plan.
- MOITS was briefed on a number of related activities.
Regional Intelligent Transportation Systems (ITS) Architecture:
- Staff continued technical and support work on the Regional ITS Architecture. The on-line version of the architecture was completed and published on June 30.
- Staff participated in a federally-sponsored ITS Architecture Systems Engineering Workshop, held in Frederick, Maryland June 5-6.
- Staff continued liaison activities between MOITS and the Metropolitan Area Transportation Operations Coordination (MATOC) Program.
- Staff continued related technical and support work in conjunction with the above topics.
- *End-of-year recap:*
 - FY2008 programmed activities under this task have been completed or will be continued into FY2009. Staff supported the

MOITS Policy Task Force and Technical Subcommittee on their variety of activities throughout the year, including active Traffic Signals and Regional ITS Architecture subcommittees and activities.

- Efforts were begun to strengthen MOITS core activities on transportation management technologies, since many MOITS activities of FY2007 and other recent years, including the Congestion Management Process, transportation safety planning, and transportation security planning, have now been established as separate work items in the UPWP with separate committees. Activities aimed at the MOITS core activities included the survey of MOITS participants and the initiation of a MOITS strategic plan (to be completed in FY2009).
- Liaison activities with regional transportation emergency preparedness planning were accomplished throughout the year.
- Also throughout the year, staff was extensively involved in complex activities to move forward with the Metropolitan Area Transportation Operations (MATOC) Program for coordinating regional transportation operations and information sharing. (This work was supported in part by funding outside the UPWP.)
- Staff undertook expanded liaison activities throughout the year with the I-95 Corridor Coalition, as well as Federal Highway Administration and Transportation Research Board efforts on strengthening Regional Transportation Systems Management and Operations (RTSMO).

C. Transportation Emergency/Security 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 COG's Department of Human Services, Planning, and Public Safety.

During the month of June, the committee held facilitated discussion on June 16. Along with this effort, RESF-1 staff finalized the results of a survey for committee participants to express their interests and what they believe were regional priorities. The focus group was aimed at developing a list of action items and priorities for R-ESF 1 to address in the coming months. The facilitation was based off of the survey and the analysis provided by staff. Further, support for this event entailed communication with the contractor, and the RESF-1 Committee as well. A final report was developed by the contractor and distributed to the committee for review. Follow-up activities are to take place in the July meeting.

Finally, a handful of conference calls took place between R-ESF 1 staff, the committee chairs, and the contractor (when applicable) to discuss not only the focus group but the upcoming Operations Fast Forward event on July, 4. Coordination of the event was taking place between DDOT and VDOT. Other items discussed include the future of the committee chair positions to R-ESF 1.

D. Transportation Safety Planning

TPB staff met with the COG Legislative Liaisons' committee to brief them on the Street Smart program, recommendations from the Pedestrian Safety Workshop of April 29, and other transportation safety activities.

The Transportation Safety Subcommittee met on June 23, 2008, and was briefed on the State safety planning efforts, the Baltimore Metropolitan Council Safety Program, the Safety Element of the CLRP, the COG Board Resolution on Pedestrian Safety, and the "Mean Streets" report from the Coalition for Smarter Growth.

End of year recap: the safety element of the long-range transportation plan was completed and transportation safety data for the region was compiled. TPB staff participated in the District of Columbia, Maryland, and local Safety planning processes, briefed the TPB Technical Committee on Transportation Safety Planning activities in the region.

A Pedestrian Safety Workshop sponsored by COG and WMATA was held at the National Press Club on April 29th. The event was well-attended, with both high-level political leaders and staff-level transportation, public health, law enforcement, and bicycle and pedestrian representatives. The purpose of the seminar was both to share best practices on pedestrian safety, and to produce a set of policy recommendations for enhancing pedestrian safety and walkability. The Transportation Safety Subcommittee and the Bicycle and Pedestrian Subcommittee will follow-up on the workshop recommendation.

E. Bicycle and Pedestrian Planning

TPB staff attended a meeting of the Car-Free Day Steering Committee to discuss lessons learned from the Street Smart campaign. TPB staff attended a meeting of the Pro Walk Pro Bike 2010 steering committee. TPB staff drafted an endorsement letter, signed by Dave Robertson, for DDOT's effort to host Pro Walk Pro Bike 2010.

TPB staff and Commuter Connections staff attended a weekly conference call with Base Technologies to discuss issues relating to the bicycle route-finding web site. A number of difficulties with respect to the quality and display of the data were moved somewhat closer to resolution. TPB staff examined a newly launched bicycle route-finding system from New York City and held a conference call with the founder.

TPB staff prepared a report-out presentation on the Street Smart for the COG Board on the April 29 Pedestrian Safety Workshop, and drafted a resolution for the COG Board, which was adopted with a couple of changes. The COG Board requested that TPB staff create a follow-up work program.

Phase II of the Bicycle Route-finding project was partially completed in FY 2008. The initial contractor, WABA, was not able to deliver anything beyond the data gathered for Phase I. Commuter Connections agreed to have its contractor, Base Technologies, take on the project, and use the Navteq data, which COG now possesses, as the base layer for a bicycle route network. TPB staff gathered data from most of the jurisdictions of the region on off-road trails on on-road bicycle routes. However, integrating that data and putting GIS data into a format usable by Oracle, which Base Technologies

has been using, has proven to be a major technical challenge. How to proceed on Phase II will be considered in early FY 2009.

F. Regional Bus Planning

During the month of June, TPB staff continued its long-range planning efforts. Staff continued work on the regional list of priority bus projects, distributing a project submission form to regional transit operators for them to nominate projects for the priority list. A progress report was given to the subcommittee at the June meeting, where questions about the submission form and priority list development process were addressed. Additionally, staff continued work to define the transportation components of the CLRPA Aspirations Scenario, part of the next phase of the TPB Scenario Study. At the June subcommittee meeting, staff presented a proposed network of high-quality bus transit lines operating on variably priced toll lanes and received feedback from the subcommittee.

The subcommittee also received a presentation in June from representatives from the City of Alexandria, who described the institutional structure and operational best practices of the Alexandria Transit Corporation, which operates the DASH system.

G. Human Service Transportation Coordination

Staff worked with the consultant conducting the independent review of MetroAccess and committee chairs to reschedule a meeting to present the results of the review to a joint meeting of the Access for All Advisory Committee and TPB Human Service Transportation Coordination Task Force. Staff directed the consultant to do further work in the area of accessible taxis and research how other cities have addressed centralized dispatch, driver training and marketing.

Staff drafted a memo to the Virginia Department of Rail and Public Transportation (DRPT) with the requested analysis of alternatives to the TPB Regional Transportation Information Clearinghouse proposal in response to a letter of committeemen sent by DRPT.

Related work to this program element in the month of June includes support for JARC and Freedom grant process, including the development of materials for the June 18 TPB meeting on the JARC and New Freedom funding recommendations, the drafting of award letters, and working with the press to get coverage of the grants approval, including arranging a NewsChannel 8 interview on the accessible cabs for D.C. Staff also worked with two applicants that requested debriefings on the selection process for partial awards.

H. Freight Planning

- Staff met with Diana Wyman, Director of Business Development-Global Trade and Transportation, of Global Insight to learn more about freight data available for the Washington region. Staff discussed with MDOT and VDOT and researched availability of detailed freight movement data sets.
- CSX suggested the Freight Subcommittee post-pone the organized tour of the CSX rail yard for some time in the fall; however, CSX will present on the National Rail Gateway Project at the upcoming Freight Subcommittee meeting on July 24, 2008.

- Staff prepared and distributed the “Focus on Freight” e-newsletter with a save-the-date for the upcoming Freight Subcommittee meeting and freight-related news items of interest. Staff continues to work on content for the next Freight e-newsletter.
- FY 2008 Programmed Activities have been completed or will continue into FY 2009. In addition to the June 2008 activities mentioned above, the Freight Element of the Constrained Long Range Plan was completed and published on January 16, 2008. <http://www.mwcog.org/clrp/elements/freight.asp>

3. **FORCASTING APPLICATIONS**

A. Air Quality Conformity

Regarding the ongoing air quality conformity assessment of the 2008 CLRP and FY2009 – 14 TIP, staff completed all network development, travel demand estimation, and emissions calculation tasks. Staff drafted the project summary report and presented it in June to the TPB Technical Committee, the TPB, MWAQC’s TAC, and it’s Air Quality Conformity Subcommittee. The conformity results and report were released for public comment on June 12th. Staff prepared a list of projects that would be affected if the NVTAF funding is not restored. This list was presented to the Technical Committee at their June 6th meeting.

Staff responded to queries from MTA regarding the conformity status of Park & Ride expansion projects, and from VRE regarding network coding specifics for future year transit service.

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 June TPB meeting and air quality conformity consultation elements.

With the performance of the above work elements, staff has now completed all FY2008 work activities on the project.

B. Mobile Emissions Analysis

Staff participated in meetings / conference calls of MWAQC’s Executive Committee, its Technical Advisory Committee, and its Conformity Subcommittee, and also the COG Board’s Climate Change Steering Committee. As part of work activities in the Climate Change work area, staff reviewed the CCSC’s draft summary report, which documents the committee’s findings and recommendations.

Staff completed testing of software developed by TPB’s consultant, to be used in the calculation of CO₂ and total greenhouse gases. After signoff on the results of the program, staff received an updated User’s Guide, reviewed it, and provided feedback comments which the consultant incorporated by the June 30th contract end date.

Staff participated in a national webinar on life cycle assessment of fuels and vehicle technologies being advanced to address global warming.

The VIN Decoder software has been purchased and state agencies were requested to obtain vehicle registration data as of July 1, 2008. Staff researched the impact of

speeds on CO2 emissions and found European literature on the subject. A model developed by University of California Riverside called the comprehensive modal emissions model (CMEM) was purchased. The model will be used to test variations in CO2 emissions by speed. The above two elements will be used to analyze the impacts of traffic engineering projects such as incident management, signal system coordination, etc., on CO2 emissions.

The Travel Management Subcommittee did not meet during the month of June, but was briefed via e-mail on the status of the conformity assessment of the 2008 CLRP and FY2009-2014 TIP and other on going work program activities. They were briefed on ongoing work activities involving the greenhouse gas reduction potential of TERMS and the draft report under consideration by the Climate Change Steering Committee.

In June COG/DEP staff performed the following:

1. Coordinated with Virginia DEQ staff regarding 2008 vehicle registration data from Virginia DMV.
2. Helped in the installation of the Draft MOVES-HVI model on DTP staff's computer.
3. Held conference call for TAC Conformity Committee to discuss air quality conformity analysis.
4. Prepared a comment letter to TPB and discussed air quality conformity analysis at Technical Advisory Committee in June.

Staff attended the TPB Technical Committee meeting and the Transportation Planning Board (TPB) meeting in June.

With the performance of the above work elements, staff has now completed all FY2008 work activities.

C. Regional Studies

Staff completed the drill down analysis of transit and non-motorized (pedestrian and walk) modal shares in regional activity centers for the scenarios analyzed in the first phase of the Regional Mobility and Accessibility Study. The results of this analysis were used in the development of an initial set of specifications for the land use component of the "CLRP Aspiration" Scenario.

Staff briefed the TPB Technical Committee on the proposed land use and transportation specifications for the "CLRP Aspiration" and "What Would it Take?" scenarios at their June 6th and June 27th TPB Technical Committee meeting.

Staff briefed the TPB Scenario Study Task Force on the proposed land use and transportation specifications for the "CLRP Aspiration" and "What Would it Take?" scenarios at their June 18th meeting. The initial specifications for the land use component of the "CLRP Aspiration" Scenario were formulated based on the past scenarios that were developed in collaboration with the COG Planning Directors Technical Advisory Committee. The initial specifications for the transportation component of CLRP Aspiration Scenario were also formulated based on past scenarios, including value pricing scenarios and local transit proposals developed in

collaboration with the TPB Regional Bus Subcommittee. The development of the initial specifications for the What Would it Take? Scenario focused on three primary sliders: VMT reductions, fuel carbon intensity reductions and increases in fuel efficiency

Staff continued to refine the technical specification for the "CLRP Aspirations" and "What Would it Take?" Scenarios in response for comments received from the TPB Technical Committee, the Planning Directors Technical Advisory Committee and the TPB Scenario Study Task Force.

D. Coordination Cooperative Forecasting & Transportation Planning

Staff completed a draft set of new Transportation Analysis Zones (TAZ)s for all jurisdictions in the TPB modeled area. This draft set of new TAZs increased to total number of TAZs in the region to 3733 and more precisely delineated Regional Activity Centers in terms of TAZ boundaries.

Staff reviewed the schedule for the Round 7.2 Cooperative Forecasts with the Cooperative Forecasting Subcommittee and asked each committee member to provide staff with a status report on their current plans and efforts.

Staff continued to research the data requirements for the update of the Regional Econometric Model and the availability of other public agency and/or consultants to assist with the update of this econometric model.

Staff completed the annual Economic Trends and Commercial Development Indicator reports and the monthly Regional Economic Monitoring System (REMS) report.

4. DEVELOPMENT OF NETWORK / MODELS

A. Network Development

Staff completed the development of all network files for use in the conformity analysis, covering the years 2009, 2010, 2020, and 2030. Should NVTAF funding for projects in Northern Virginia not materialize, staff will proceed to update network coding to reflect projects either being removed or delayed in implementation during early FY-2009. The firm of Daniel Consultants, Inc. (DCI), under contract to TPB, is continuing work to provide technical guidance to TPB staff in improving GIS-based applications and protocols for developing and managing transportation networks. At the close of FY-2008 DCI provided all Phase I products:

- A prototype application was sent to TPB in early June;
- A draft user's guide was provided on June 18; and
- An updated final report and training materials were transmitted on June 27.

Phase II (FY-2009) will entail further testing and refinement of the prototype to address the dynamic linking of highway edits to the transit files.

This completes all activities programmed for FY-2008.

B. GIS Technical Support

Staff continued to monitor the performance of ArcGIS 8.3 and Oracle 9i databases.

Staff continued implementation of the Version 9.2 ArcGIS upgrade.

Staff reviewed the GIS data model recommended by the consultant on the study of options for improving transportation network coding and network management procedures.

Staff reviewed and tested the GIS tools developed by the consultant for improved Master Highway Network editing.

The GIS Committee met on June 24th to discuss the GIS Committee's vision of GIS as a key component of the MetroCIOs proposed Regional Data Exchange Hub, the scopes of work and grant proposals for the National Capital Region GIS-based Structures and Centerline projects, and the acquisition of Pictometry data for the region's local governments.

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 completed refining the nested logit mode choice model application to better streamline the process prior to merging with the new truck models generated by William Allen to form a Version 2.3 model prototype. Full Version 2.3 model documentation has been completed and will be presented to the Travel Forecasting Subcommittee on July 18, 2008.

This completes all activities programmed for FY-2008.

D. Software Support

During June, 2008, staff, in coordination with the COG Office of Technology Programs and services (OTPS), completed purchase of the VIN Decoder batch software package with documentation. Staff also purchased a copy of the comprehensive Modal Emissions Model (CMEM) developed by the University of California at Riverside, California, for the purpose of modeling CO2 emissions. Staff continued the examination of the Demonstration Version of EPA's Highway Vehicle Implementation of the Motor Vehicle Emissions Simulator (MOVES-HV) with OTPS assistance.

With the performance of the above work elements, staff has now completed all FY2008 work activities on the project.

5. TRAVEL MONITORING

A. Cordon Counts

A report documenting the results of the 2007 Regional HOV Facilities Monitoring project was presented to the TPB Travel Forecasting Subcommittee at the May 23, 2008 meeting. The same presentation was made to the TPB Technical Committee on June 6, 2008. This completes all activities programmed for FY-2008.

B. Congestion Monitoring and Analysis

The FY 2008 arterial highway congestion monitoring report was written up and staff is prepared a PowerPoint presentation of the findings to be presented to the Travel Forecasting Subcommittee in July. SKYCOMP has completed all of the data collection activities and is reviewing the data and preparing the data files for analysis.

With the performance of the above work elements, staff has now completed all FY2008 Work activities.

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

Staff continued to respond to survey participant questions about the survey.

Staff completed the geocoding of trip records that could not be automatically geocoded to X-Y coordinates by the survey contractor and coordinated the completion of the final geocoded survey address/place location file with Baltimore Metropolitan Council (BMC) staff and the survey contractor.

The survey contractor completed the editing and processing of the household travel survey data and delivered to staff the geocoded and edited travel survey data files and a draft final Survey Methodology Technical Report.

D. Regional Transportation Data Clearinghouse

Staff completed a full working draft version of the new Data Clearinghouse application to map to display Data Clearinghouse traffic volume estimates with an annotation that depicts the year of the traffic count on which the traffic volume estimate is based. Staff continued testing of this new application to identify and fix any remaining bugs in this new software application.

Staff completed development of an automated process to migrate AADT traffic volumes to an MS-Access database and a new database query tool for retrieving selected Transportation Data Clearinghouse highway segments from this database. Staff migrated 2006 traffic volume estimates, hourly directional traffic volume and classification counts to the new MS-Access database and developed update documentation for this database.

Staff collected 2007 traffic volume estimates, hourly directional traffic volume and classification counts from DDOT, MDOT and VDOT and began updating the Regional Clearinghouse with these new data.

Staff collected 2007 transit ridership data from WMATA for inclusion in the Regional Clearinghouse.

Staff developed an enhanced HPMS sample of traffic counting locations in the TPB region and an improved methodology to estimate regional vehicle miles of travel in the modeled area and major segments of the regional highway network.

E. Regional Supplemental Bus Survey

Staff continued to monitor the contractor's progress on the survey data collection for WMATA regional and non-regional routes and communicated this information to the WMATA project manager on daily basis.

Staff required the contractor to re-survey 300 WMATA bus trips because of low survey distribution or response rates.

Staff monitored the contractor's progress on the survey data collection for local jurisdiction bus systems.

The contractor distributed 142,680 survey questionnaires on 3,864 bus trips and collected 30,585 completed questionnaires from these surveyed bus trips.

The contractor completed survey data collection on WMATA bus routes on June 13th and on local jurisdiction bus system routes on June 27th.

The contractor continued the editing, processing and geocoding of the returned completed bus survey questionnaires.

6. **TECHNICAL ASSISTANCE**

A. *DISTRICT OF COLUMBIA*

Program Development

No staff activities.

Miscellaneous Services

No staff activities.

FY2008 DDOT Traffic Counts

MCV has completed all the traffic counts for the District of Columbia's HPMS locations, as well as supplemental volume counts throughout the region, and the counts are under review by the consultant for quality control.

FY2008 DDOT HPMS Project

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

Staff completed the development of updated traffic volume maps for DDOT that current HPMS section AADT volumes and other traffic count data and delivered these draft final maps to DDOT.

Staff assisted DDOT in developing 2007 AADT volume estimates for HPMS sample and universe sections, assisted DDOT with its 2007 HPMS submission, and provided overall quality assurance in the processing of DDOT's 2007 traffic data.

Staff reviewed and updated K-factor estimates for DDOT HPMS sections and reviewed FHWA comments on DDOT's 2006 HPMS submission.

Staff continued development of a proposal for a counting program in 2008 that would count all of the DC HPMS segments.

Recommended Supplemental Traffic Counts

Staff monitored the contractor's progress on the supplemental traffic counts and provided the contractor with information on the exact location of 6 counting sites.

The contractor completed 400 3-day supplemental traffic counts in DC, MD and VA and prepared a draft final count database of these counts.

B. MARYLAND

Program Development /Management

Staff continued coordination with MDOT staff regarding FY2008 and FY2009 work program activities.

Maryland Miscellaneous Services

Staff attended an MDOT workshop on transit futures focused on the "Baltimore-Washington Investment Corridor" on June 3, 2008. The projects mentioned were MARC improvements, WMATA metro extension on BWI, and MAGLEV connecting Baltimore and Washington, among others. The audience that included local jurisdictions, WMATA, and MDOT representatives and consultants, gave comments and suggestions that were going to be passed on to the Secretary of Transportation.

Staff provided simulated VMT for the year 2005, based on the 2007 CLRP, for the city of Gaithersburg, Maryland.

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.

Corridor Cities Transitway / Bi-County Transitway

Staff met with MTA representatives and consultants on June 11, 2008 and discussed the current activities taking place with Purple Line and CCT. The final documents were being completed for federal review. Shortly following the meeting, the staff received cost-effectiveness user-benefit calculations showing that each but one Purple Line alternative meets the minimum accepted FTA rating in this first stage of the study.

Project Planning Support

Staff began a review of the Surface Transportation Efficiency Analysis Model (STEAM) for possible use as a project evaluation/comparison tool for use in Maryland. Staff downloaded the newest version of the software (Version 2.02), joined the on-line user group, and began a study of the User manual & various papers written about the tool.

Managed Lanes Project

Staff prepared inputs and executed the model run for the 2005 Validation and 2030 No Build. The inputs and model are consistent with the 2007 CLRP. Currently, modeling results are being reviewed for possible updates to the Validation and No-Build, and staff is working on coding a 2030 Build Alternative for the I-270 corridor.

Recommended Supplemental Traffic Counts

Staff monitored the contractor's progress on the supplemental traffic counts and provided the contractor with information on the exact location of 6 counting sites.

The contractor completed 400 3-day supplemental traffic counts in DC, MD and VA and prepared a draft final count database of these counts.

With the performance of the above work elements, staff has now completed all FY2008 work activities in this program area.

C. VIRGINIA

Program Development

There was no activity to report in June. All requested activities were completed in FY-2008.

Miscellaneous Services

Limited data collection in support of Spring monitoring of HOV facilities in Northern Virginia was completed in June. All requests for services were completed during FY-2008.

Northern Virginia HOV Facilities Monitoring and Data Collection

Staff responded to requests from VDOT for additional review of data. All activities programmed for FY-2008 were completed.

High Occupancy / Toll (HOT) Lane Traffic Analyses

Staff received two documents from VDOT for the project: the first compared travel demand forecast prepared by TPB, FAMPO, and Fluor/TransUrban with growth trends, for three locations on I-95; and the other compared forecasts prepared by TPB and Fluor / TransUrban of general purpose and HOT land volumes on I-395 / I-95. Staff reviewed the two sets of comparisons to identify differences and similarities among inputs and results.

Public Safety / Information Pamphlets

By action of the TPB on March 19, 2008 this project was deleted from the FY-2008 UPWP.

Recommended Supplemental Traffic Counts

Staff monitored the contractor's progress on the supplemental traffic counts and provided the contractor with information on the exact location of 6 counting sites.

The contractor completed 400 3-day supplemental traffic counts in DC, MD and VA and prepared a draft final count database of these counts.

Enhanced Commuter Corridor Count Program Continuation

Activities planned for this work element were accommodated in work activities performed the Northern Virginia HOV Facilities Monitoring and Data Collection work element. There were no charges made to this work element during FY-2008.

D. **WMATA**

Program Development

No activity to report during this period.

Miscellaneous Services

No activity to report during this period.

Accessible Pathways Analysis for MetroAccess Customers

The contractor for this project completed work the development of the Accessible Pathways methodology and performed the pathways analysis for the top 20 high frequency origins and destinations of Metro Access trips. The contractor also began identification categories pathway improvements.

Geocode 2007 WMATA Rail Passenger Survey Data

Staff completed the geocoding of the address data collected in the 2007 Metrorail Passenger Survey and prepared a survey database containing the TAZ and X-Y coordinates of the geocoded survey records. Staff produced GIS maps of the geocoded survey addresses and a PowerPoint presentation documenting the methodology used and the results of this project.

Geocode 2007 WMATA Bus Passenger Survey

Project was re-programmed in March 2008 to FY 2009.

Impact of Highway Congestion on WMATA Bus Operations

Project was re-programmed in March 2008 to FY 2009.

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

A. CASP 22

(1) Update Air Passenger O-D Forecasts

Staff finalized the O-D forecast report, incorporating all comments and revised information provided to date. A final report was prepared and submitted to FAA by June 30, 2008 in accordance with the provisions of the planning grant that funded this project. The final report is available for download as a PDF file from MWCOG's website in the "documents" area of the Aviation Technical Subcommittee, found at:

http://www.mwcoq.org/transportation/committee/committee/default.asp?COMMITTEE_ID=102

(2) Air Cargo Element Update

Staff addressed comments provided on the draft report and prepared a final report, which was submitted to FAA by June 30, 2008 in accordance with the provisions of the planning grant that funded this project. The final report is available for download as a PDF file from MWCOG's website in the "documents" area of the Aviation Technical Subcommittee, found at:

http://www.mwco.org/transportation/committee/committee/default.asp?COMMITTEE_ID=102

B. Conduct 2007 Air Passenger Survey (MWAA/MAA Funded)

(1) Collect Air Passenger Survey Data

Task completed in 2007.

C. CASP 23

(1) Process air Passenger Survey

Additional questions on the draft 2007 survey report were provided by BWI Airport. Staff is working with BWI to address all remaining comments. It is anticipated that all outstanding comments will be resolved and addressed in the survey report by the end of the summer. A final report is anticipated to be completed in September.

(2) Update Ground Access Forecasts – Phase 1

No staff activity to report.

Other CASP Activities

Staff prepared a resolution to be considered by the Cog Board of Directors to authorize preparation and submittal of the next grant on the CASP planning cycle, CASP 25. Upon approval by the COG Board anticipated in July, staff will prepare the grant application and submit it to FAA for its review and approval.

CONSULTANT SUPPORT

Vanesse Hangen Brustlin, Inc. – Technical Assistance – Travel Demand Model Development and Application - \$90,000 – project completed in June.

AECOM CONSULT, INC. - Technical Assistance – Transit Modeling - \$24,500 – project completed in June.

William Allen – Technical Assistance – Business/Commercial Modeling - \$24,500 – project completed in June.

Daniel Consultants, Inc.– A project to improve GIS-based applications and protocols used to develop and manage transportation networks - \$75,000 – Phase I completed in June, with Phase II programmed for FY-2009.

NuStats – Household Travel Survey - \$2,059,548 – completed.

NuStats – Onboard Bus Survey - \$1,022,000 – completed.

KFH – Accessible Pathways Survey - \$200,000 – completed.

SKYCOMP – freeway congestion monitoring - \$142,000 – completed.

MCV Associates – DDOT traffic counts - \$98,000 – completed.

MCV Associates – Supplemental Traffic counts in the District of Columbia, Maryland and Virginia - \$353,000 - completed.

**FY 2008 TRANSPORTATION PLANNING BOARD
COG/TPB BUDGET EXPENDITURE SUMMARY**

FINAL FY-TO-DATE JUNE 30, 2008

	BUDGET TOTAL	FUNDS EXPENDED	% FUNDS EXPENDED
1. PLAN SUPPORT			
A. Unified Planning Work Program (UPWP)	70,700.00	66,490.45	94%
B. Transportation Improvement Program (TIP)	151,700.00	144,510.17	95%
C. Constrained Long-Range Plan	558,100.00	443,778.07	80%
D. Financial Plan	84,000.00	69,856.45	83%
E. Private Enterprise Participation	18,300.00	17,035.08	93%
F. Public Participation	323,900.00	294,014.43	91%
G. Annual Report	80,100.00	75,365.47	94%
H. Transportation / Land Use Connection Program	255,000.00	256,361.63	101%
I. DTP Management	452,100.00	411,123.85	91%
SUBTOTAL	1,993,900.00	1,778,535.60	89%
2. COORDINATION PLANNING			
A. Congestion Management Process (CMP)	150,000.00	143,990.19	96%
B. Management, Operations & ITS Planning	300,000.00	277,153.17	92%
C. Transportation Emergence/Security Planning	75,400.00	56,536.56	75%
D. Transportation Safety Planning	75,000.00	51,379.64	69%
E. Bicycle and Pedestrian Program	108,700.00	85,386.88	79%
F. Regional Bus Planning	100,000.00	85,524.40	86%
G. Human Service Transportation Coordination Planning	105,000.00	81,118.71	77%
H. Freight Planning	101,000.00	78,233.63	77%
SUBTOTAL	1,015,100.00	859,323.17	85%
3. FORECASTING APPLICATIONS			
A. Air Quality Conformity	563,200.00	526,919.85	94%
B. Mobile Emissions Analysis	640,100.00	598,255.06	93%
C. Regional Studies	415,800.00	338,544.13	81%
D. Coord. Cooperative Forecasting & Trans Planning	676,800.00	608,395.05	90%
SUBTOTAL	2,295,900.00	2,072,114.09	90%
4. DEVELOPMENT OF NETWORKS AND MODELS			
A. Networks Development	819,786.00	737,476.29	90%
B. GIS Technical Support	498,800.00	299,950.02	60%
C. Models Development	969,200.00	901,955.18	93%
D. Software Support	178,900.00	162,033.72	91%
SUBTOTAL	2,466,686.00	2,101,415.21	85%

**FY 2008 TRANSPORTATION PLANNING BOARD
COG/TPB BUDGET EXPENDITURE SUMMARY**

FINAL FY-TO-DATE JUNE 30, 2008

	BUDGET TOTAL	FUNDS EXPENDED	% FUNDS EXPENDED
5. TRAVEL MONITORING			
A. Cordon Counts	230,000.00	198,547.10	86%
B. Congestion Monitoring and Analysis	381,200.00	366,900.75	96%
C. Travel Survey and Analysis			
Household Travel Survey	1,653,400.00	1,295,452.04	78%
D. Regional Transportation Clearinghouse	267,900.00	244,795.52	91%
E. Regional Supplemental Bus Survey	300,000.00	295,075.87	98%
SUBTOTAL	2,832,500.00	2,400,771.29	85%
SUBTOTAL CORE PROGRAM ITEMS 1-5			
	10,604,086.00	9,212,159.36	87%
6. TECHNICAL ASSISTANCE			
A. District of Columbia	270,500.00	242,665.19	90%
B. Maryland	612,400.00	506,095.47	83%
C. Virginia	493,300.00	438,580.77	89%
D. WMATA	266,400.00	229,298.28	86%
SUBTOTAL	1,642,600.00	1,416,639.70	
TPB GRAND TOTAL	12,246,686.00	10,628,799.06	87%

**FY 2008 I KANSPOKIA I ION PLANNING BOARD
FINANCIAL STATUS OF TECHNICAL ASSISTANCE**

FINAL FY-TO-DATE JUNE 30, 2008
SUPPLEMENT 1

	COST CODES	TOTAL		TOTAL EXPENDITURES	FTA/STALOC AUTHORIZED		TOTAL EXPENDITURES	PL FUNDS/LOC AUTHORIZED	
		BUDGET	EXPENDITURES		BUDGET	EXPENDITURES		BUDGET	EXPENDITURES
A. District of Columbia									
1. Program Development, Data Requests & Misc. Services	040	17,500.00	7,152.50	7,152.50	390.00	159.40	159.40	17,110.00	6,993.10
2. DDOT Traffic Counts	041	125,000.00	120,776.42	120,776.42	2,789.00	2,694.76	2,694.76	122,211.00	118,081.66
3. Recommend Supplemental Traffic Counts	042	78,000.00	78,016.86	78,016.86	1,740.00	1,740.38	1,740.38	76,260.00	76,276.48
4. Unprogrammed Budget	043	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5. Bicycle Count Task	044	50,000.00	36,719.40	36,719.40	1,115.00	818.84	818.84	48,885.00	35,900.56
SUBTOTAL		270,500.00	242,665.19	242,665.19	6,034.00	5,413.38	5,413.38	264,466.00	237,251.81
B. Maryland									
1. Program Development/Management	060	21,300.00	21,667.96	21,667.96	1,746.00	1,776.16	1,776.16	19,554.00	19,891.80
2. Miscellaneous Services	061	28,400.00	13,979.33	13,979.33	634.00	312.07	312.07	27,766.00	13,667.25
3. MDT Training /Technical Support	062	50,000.00	33,227.01	33,227.01	1,115.00	740.96	740.96	48,885.00	32,486.05
4. SHA-Western Mobility/Capital Beltway Studies	063	10,000.00	1,378.82	1,378.82	223.00	30.75	30.75	9,777.00	1,348.08
5. MTA- Corridor Cities Transit way/Bi-County Transit	064	35,000.00	12,661.73	12,661.73	781.00	282.54	282.54	34,219.00	12,379.20
6. Project Planning Support	065	61,500.00	37,073.87	37,073.87	1,372.00	827.08	827.08	60,128.00	36,246.79
7. Managed Lanes-Planning	066	146,400.00	136,006.63	136,006.63	3,265.00	3,033.21	3,033.21	143,135.00	132,973.43
8. Managed Lanes-Implementation	067	9,500.00	100.10	100.10	212.00	2.23	2.23	9,288.00	97.87
9. Recommend Supplemental Traffic Counts	068	150,300.00	150,000.00	150,000.00	3,353.00	3,346.31	3,346.31	146,947.00	146,653.69
10. Transportation Land Use Connection (TLC)	069	100,000.00	100,000.00	100,000.00	2,231.00	2,231.00	2,231.00	97,769.00	97,769.00
SUBTOTAL		612,400.00	506,095.47	506,095.47	14,932.00	12,582.31	12,582.31	597,468.00	493,513.16
C. Virginia									
1. Program Development	080	6,200.00	262.76	262.76	6,200.00	262.76	262.76	0.00	0.00
2. Miscellaneous Services	081	7,000.00	7,908.57	7,908.57	156.00	176.25	176.25	6,844.00	7,732.32
3. NVA. HOV Facilities Monitoring & Data Collection	082	285,000.00	278,436.75	278,436.75	6,357.00	6,210.60	6,210.60	278,643.00	272,226.14
4. High Occupancy / Toll (Hot) Lane Analysis I-95 / 395 Corridor	083	45,100.00	26,972.69	26,972.69	1,006.00	601.65	601.65	44,094.00	26,371.04
5. Public Safety / Information Pamphlets	084	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6. Recommend Supplemental Traffic Counts	085	125,000.00	125,000.00	125,000.00	2,788.00	2,788.00	2,788.00	122,212.00	122,212.00
7. Enhanced Commuter Corridor Count Program	086	25,000.00	0.00	0.00	558.00	0.00	0.00	24,442.00	0.00
SUBTOTAL		493,300.00	438,580.77	438,580.77	17,065.00	10,039.27	10,039.27	476,235.00	428,541.50
D. WMATA									
1. Program Development	100	15,100.00	5,542.37	5,542.37	15,100.00	5,542.37	5,542.37	0.00	0.00
2. Miscellaneous Services	101	6,300.00	0.00	0.00	6,300.00	0.00	0.00	0.00	0.00
4. Accessible Pathways Analysis for Metro Access Customers	102	170,000.00	170,092.00	170,092.00	170,000.00	170,092.00	170,092.00	0.00	0.00
5. Geocode 2007 WMATA Rail Survey Data	103	75,000.00	53,663.91	53,663.91	75,000.00	53,663.91	53,663.91	0.00	0.00
6. Geocode 2007 WMATA Bus Passenger Survey	104	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7. Impact of Highway Congestion on WMATA Bus Operations	105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL		266,400.00	229,298.28	229,298.28	266,400.00	229,298.28	229,298.28	0.00	0.00
GRAND TOTAL		1,642,600.00	1,416,639.70	1,416,639.70	304,431.00	257,333.23	257,333.23	1,338,169.00	1,159,306.47

