

PROGRAM HIGHLIGHTS

1. PLAN SUPPORT

A. Unified Planning Work Program (UPWP)

Work continued on monitoring the FY 2009 UPWP. The FY 2010 UPWP was submitted to FHWA and FTA for their review and approval.

B. Transportation Improvement Program (TIP)

On April 3, the TPB Steering committee approved an amendment to the FY 2009-2014 TIP at the request of VDOT. At the TPB meeting on April 15, the Board approved two amendments and one administrative modification to the FY 2009-2014 TIP. The first amendment was on behalf of VDOT to add three transit projects receiving ARRA funds. The second was an amendment by WMATA to make corrections to amounts and project listings that had been previously submitted in their March 18 ARRA amendment. Finally, MDOT requested a set of administrative modifications to projects already included in the TIP that were receiving additional ARRA funds.

The TPB's ARRA tracking page was updated to reflect these amendments and modifications. Additional clarifications were made to the FY 2009-2014 TIP listings and the ARRA tracking page to satisfy FHWA and FTA concerns pertaining to 1511 reporting requirements.

TPB staff attended a video conference for MPOs in Virginia to discuss how VDOT intended to act on the stimulus funds provided by the American Recovery and Reinvestment Act. The summary brochure for the FY 2009-2014 TIP was reviewed and finalized.

Staff assisted member agencies with their data inputs for the FY 2010-2015 TIP. The deadline for TIP submissions was on April 24 and all agencies successfully met the deadline.

C. Constrained Long-Range Plan (CLRP)

The 2008 CLRP brochure, a companion piece to the online documentation was printed and made available to all interested parties.

TPB staff reviewed the coordination of all CLRP related activities and the documentation of those activities on the CLRP web site. A content management system was prepared with particular attention to the documentation of ongoing Congestion Management Process activities.

Staff continued working with a consultant team on the CLRP and TIP database search tool, which is expected to be available in June, pending data approval from each agency.

D. Financial Plan

A working session on the financial analysis for the 2010 plan update was held on April 10. Consultant staff reviewed the programs/components in the revenue/cost projection spreadsheet for WMATA and the local transit agencies and the WMATA allocations - capital, bus subsidy, rail subsidy, and how to treat projects identified under more than one jurisdiction or agency. The next meeting of the working group is scheduled for May 26.

E. Public Participation

The monthly meeting of the Citizens Advisory Committee (CAC) was held on April 9, 2009. This meeting featured a briefing on Scenario Study Task Force activities, particularly as related to the BRT component of the CLRP Aspirations scenario; a briefing on the June 11 Public Forum on the TIP; and a discussion on CAC logistics related to external meetings and participation with other committees. The CAC's May 14 meeting will be held in Frederick County.

During the month of April, staff prepared for a meeting of the Access for All Advisory Committee. AFA comments were developed based on an AFA roundtable discussion on concerns for special needs populations given the economic downturn.

F. Private Enterprise Participation

Preparation continued for the twentieth annual Public Transit Forum to be held on May 26.

G. Annual Report

The April edition of the TPB News was produced and distributed. Design work on the 2009 Annual Report moved toward completion.

H. Transportation / Land Use Connection Program

Staff finalized consultant selection for each of the eight FY 2009 TLC technical assistance projects. Staff developed contract language for the slate of consultants and finalized contracts, which were given to the consultants. Staff conducted kickoff meetings for seven of the eight projects.

For the FY 2010 TLC technical assistance program, staff continued to work with jurisdictions to answer questions about the application process and provide feedback on application ideas. Applications are due on May 18, 2009, at 4:00 p.m.

TPB staff continued to work with TLC Lead Consultant Reconnecting America on the Housing and Transportation Affordability Toolkit.

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 gave a presentation on transportation and greenhouse gases to Leadership Fairfax
- The DTP Director participated in a meeting with DDOT Director Gabe Klein and Arlington County elected officials and staff to discuss coordination of bike-sharing programs as they are expanded throughout the region.

2. COORDINATION PLANNING

A. Congestion Management Process (CMP)

Staff expanded the exploration of both internal and external data sources that could be used for the revised CMP. Internal data sources include Skycomp freeway aerial surveys, GPS floating car arterial travel time and speed surveys, the regional transportation data clearinghouse, and cordon counts. External data sources include the Regional Integrated Transportation Information System (RITIS), I-95 Corridor Coalition, VDOT Dashboard, Maryland CHART, DDOT, Montgomery County highway mobility monitoring program, FHWA Intelligent Transportation Infrastructure Program (ITIP) quarterly highway performance monitoring reports, and private sector sources. Staff started drafting a white paper on the technical review of the various data sources. Staff also extracted two months data from RITIS and Virginia data archives for the I-66 eastbound corridor as an experiment to examine the feasibility of identifying the causes or components of congestion through this data.

On April 8 and April 22, staff monitored two national webinars provided by a private sector company INRIX on their National Traffic Scorecard 2008 Annual Report and traffic data quality, respectively.

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 April 14. The group discussed member agency activities regarding applying for American Recovery and Reinvestment Act (ARRA) funding, including U.S. Department of Energy funding for which transportation management activities were eligible. MOITS Strategic Plan development activities were also discussed.

- Staff continued coordinating with the Regional Emergency Support Function #1 – Emergency Transportation Program and Committee (the RESF-1 Committee did not meet in April). Staff also continued coordination work with the Metropolitan Area Transportation Operations Coordination (MATOC) Program, including participation in MATOC meetings on April 1, 9, 10, 16, 21, and 27. See also Item 2.C.
- Traffic Signals Activities: The MOITS Traffic Signals Subcommittee met on April 23 in Fairfax, Virginia, discussing the March 18 briefing to the TPB on the Regional Traffic Signal Optimization Survey results; received a briefing on the VDOT Northern Region ITS Architecture Validation process; discussed the ARRA and Department of Energy grant opportunities; and received a tour of the new VDOT Northern Public Safety Transportation Operations Center (PSTOC).
- Regional ITS Architecture Activities: The MOITS Regional ITS Architecture Subcommittee did not meet in April. Staff continued supporting technical work in this area.
- Staff undertook preparatory and supporting work in the above areas.
- Staff participated in the American Planning Association's 2009 National Planning Conference, April 24 – 29, in Minneapolis, Minnesota.
- Staff participated in a periodic meeting of the Operations Work Group of the Association of Metropolitan Planning Organizations, April 30 – May 1, in Chicago, Illinois.

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 COG's Department of Human Services, Planning, and Public Safety.

The RESF-1 Committee did not meet during the month of April. Communication between RESF-1 and staff continued, specifically addressing the NCR Exercise and Training Planning Workshop.

Staff provided support specifically to RESF-1 leadership in developing supporting documents for the NCR Exercise and Training Planning Workshop. This workshop is a requirement outlined by the Department of Homeland Security prior to undertaking exercise and trainings throughout the region. Coordination with the contractor and committee members was completed. The lead of the NCR Exercise and Training Planning Workshop is the Exercise and Training Panel (ETOP). ETOP controls exercise and training funds granted by DHS through the Urban Area Security initiative. RESF-1 is required to go to ETOP to request funds for training and exercises.

D. Transportation Safety Planning

In support of the Street Smart program TPB staff compiled and analyzed regional pedestrian and bicycle crash data. TPB staff attended internal meetings to discuss the Transportation Safety element of the Constrained Long-Range Plan update.

TPB staff also attended a meeting on traffic safety held at SHA District 3 for law enforcement officers on April 2nd, and briefed the group on the Street Smart program.

E. Bicycle and Pedestrian Planning

TPB staff attended a meeting of the Transportation-Land Use Bicycle and Pedestrian infrastructure working group in Hanover, MD. The purpose of the working group is to recommend and rank strategies for increasing walk and bike mode share in Maryland, as part of a broader plan to reduce carbon emissions. TPB staff reviewed and provided written comments on the draft strategies.

TPB staff prepared and posted minutes from the March bicycle and pedestrian subcommittee meeting, and arranged a seminar on the new AASHTO Bike Design Guide, which is to take place on June 15th in the Board Room.

TPB staff reviewed the COG web site and brought the relevant sections up to date, answered questions from the public on bicycling and walking.

F. Regional Bus Planning

At the April Regional Bus Subcommittee meeting, three presentations on recent bus planning efforts in the region were given. First, staff from Frederick County presented an update on the county's new Transit Friendly Development Guidelines. Secondly, representatives from the District's Mass Transit Administration presented an update on the DC Circulator bus system. Finally, staff presented draft results from the TPB Regional On-Board Bus Survey, conducted in the spring of 2008.

G. Human Service Transportation Coordination

No activity to report during the reporting period.

H. Freight Planning

- Staff continued development of a report entitled "Integrating Freight into the 2010 Constrained Long Range Plan." This report highlights freight data trends in the region, strategies to incorporate freight into the CLRP, results from a Freight Stakeholder Survey, and next steps.

- April 1-2, 2009, staff attended the Journal of Commerce Marine Highway Conference in Jacksonville, Florida. Staff presented on a panel before 300 attendees on the Metropolitan Planning Organization (MPOs) process and opportunities for marine highway projects with MPOs.
- Staff participated in the Federal Highway Administration April 15, 2009 *Talking Freight* Webinar on Freight Performance Measures.
- Staff participated in the April 22, 2009 Maryland Department of Transportation (MDOT) Freight Stakeholder Advisory meeting on the Maryland State Freight Plan.
- Staff prepared and distributed the monthly newsletter *Focus on Freight*.
- Staff arranged for Jeff Short of the American Transportation Research Institute to speak at the May 14, 2009 TPB Freight Subcommittee meeting.

3. **FORCASTING APPLICATIONS**

A. Air Quality Conformity

Consistent with the approved schedule for the air quality conformity assessment of the 2009 CLRP and FY2010 – 15 TIP, staff continued coordination with FAMPO to assure project input accuracy for Stafford and Spotsylvania facilities. Staff updated the bus fair matrix to reflect changes in the travel cost for all service providers through March, 2009. Staff completed network development, travel demand, and emissions estimates for the 2002 and 2010 analysis years. This included use of the updated Round 7.2 Cooperative Forecasts. Draft results were prepared for presentation to the Technical Committee at the May 1st meeting. Staff began highway and transit network coding for the 2020 and 2030 forecast years.

Staff completed research and development work to decode 2008 vehicle identification numbers (VIN)s for use in developing updated Mobile 6 model inputs. This work is reported below under Mobile Emissions Analysis and yielded updated emissions factors which are now being used in production work for this year's conformity assessment.

TPB staff also completed work reviewing the latest simulation results of the Version 2.2 model which resulted in refinements to both the travel demand and emissions post-processor applications. (See also technical assistance work activities reported under Maryland's Managed Lane Study.)

Following a request from MDOT, staff prepared a draft work scope and schedule for a proposed amendment to the 2009 CLRP and FY2010-2015 TIP that would require an off-cycle air quality conformity analysis. TPB staff met with MDOT staff to discuss the amendment, which includes the addition of the Purple Line from New Carrollton to Bethesda.

TPB staff coordinated with DDOT staff on proposed amendment to the 2009 CLRP and FY2010-2015 TIP that would require an off-cycle conformity analysis. The conformity analysis for this amendment will be done in conjunction with MDOT's amendment.

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

B. Mobile Emissions Analysis

As part of work activities in the Climate Change planning area, staff completed work to update the existing CO₂ mobile source emissions inventories to reflect travel demands associated with the 2008 CLRP and FY2009 - 14 TIP, including execution of a travel simulation for the 2005 base year, and preparation of 2010, 2020 and 2030 travel forecasts with separate estimation of trucks for later use in control strategy analysis. Staff continued analysis of transportation measures with greenhouse gas reduction benefits. Staff attended a meeting of the TPB's Scenario Study Task Force. Regarding SIP planning activities, staff participated in meetings / conference calls of MWAQC's Executive Committee and its Technical Advisory Committee.

Staff presented the findings of the VIN decoder analysis to the TPB Technical Committee and, based on the comments received from the Committee prepared a revised presentation to the TPB. Documentation detailing the development of age distributions and diesel sales fractions for the three states is underway and expected to be completed by the end of May. Analyses of additional, Greenhouse gas reduction measures were completed and the results were presented to the Travel Management Subcommittee and TPB Technical Committee. Staff attended a MOVES model workshop in Baltimore and briefed the committees on the content. Sensitivity analysis of the new age distribution and diesel sales fraction inputs to the Mobile 6.2 model were completed and found to be consistent.

The Travel Management Subcommittee meeting was held on April 24, 2009 and the committee discussed a number of items including the GHG emissions reduction measures and vehicle registration data results. The next meeting of the subcommittee will be held on May 26, 2009, if needed.

In April COG/DEP staff performed the following:

1. Installed the draft MOVES2009 model and attended an extensive EPA training workshop on the model.
2. Started working on familiarizing with the draft MOVES model and coordinated with the DTP staff on issues related to the model set up and developing inputs.

3. Commented to the EPA on the issues related to current mobile emissions development process at COG and associated issues with the MOVES model.
4. Attended Travel Management Subcommittee, TPB Technical and TPB meetings.

C. Regional Studies

During April, staff under the direction of the TPB Scenarios Task Force, continued development of a draft package of prioritized bus lines for the Washington region that could qualify for funding under the American Recovery and Reinvestment Act. Meetings with stakeholders to assist in the development of this package included:

- WMATA Office of Long Range Planning, April 1 and April 22
- Representatives from Montgomery County, Prince George's County and Maryland's State Highway Administration and Mass Transit Administration on April 3.
- Representatives from DC Office of Planning and the District Department of Transportation on April 22.
- Northern Virginia Transportation Authority's Joint Agency Coordination Committee meeting on April 30 Updates on the development of this package were presented to the following standing meetings:
 - TPB Technical Committee, April 3
 - TPB Scenario Study Task Force and TPB April 15
 - TPB Access for All Advisory Committee, April 24
 - TPB Regional Bus Subcommittee, April 28

Staff also continued to analyze transportation emissions reduction measures for GHG reductions for the What Would it Take scenario and on finalizing bus network inputs for the CLRP Aspirations scenario.

D. Coordination Cooperative Forecasting & Transportation Planning

Staff created the TAZ-level data files for the Round 7.2 TAZ-level Cooperative Forecasts of employment, households and population for use in the air quality conformity analysis of this year's update of the TPB's Constrained Long Range Plan (CLRP) and Transportation Improvement Program (TIP).

Staff reviewed George Mason University's (GMU) Institute of Public Policy analysis of Global Insights' national, state, and local economic indicator datasets for use in the update of the Regional Econometric Model for Round 8.0 Cooperative Forecasts.

The GMU contractor for the update of the Regional Econometric Model briefed the Cooperative Forecasting Subcommittee on the Global Insight national and regional employment projections and assumptions.

Staff reviewed the proposed schedule and timelines for the development of Round 8.0 Cooperative Forecasts with the Cooperative Forecasting Subcommittee.

Staff made some additional updates to the new transportation analysis zones (TAZ) requested by planning staff Frederick County, MD.

4. **DEVELOPMENT OF NETWORK / MODELS**

A. Network Development

Highway and transit network coding supporting 2009 CLRP and FY2010-2015 TIP air quality conformity analysis continued during April. This work involves the preparation of highway and transit networks (including transit fare inputs) for 2002, 2010, 2020, and 2030. During April, refinements to the 2002 network files were made, 2010 network files were completed, and work on the 2020 network files commenced.

TPB staff work on the GIS –transportation networks project continued, in coordination with the contractor, DCI. As directed by TPB, the contractor has worked on: 1) correcting a transit editing problem discovered by TPB staff during testing, 2) altering the format of the exported transit data, and 3) developing a utility program to implement batch updates to the geodatabase. A revised version of the application program is anticipated during May, at which time additional testing of the software will occur.

TPB's staff has continued work on aligning existing highway network nodes with the NAVTEQ street base map. This activity will improve the precision of the highway alignments reflected in the TPB's highway and transit networks and will facilitate future transit network coding at rail stations. The arterial system has been largely completed and work on the freeway system will commence next month. This work is ongoing and will compliment the DCI work.

B. GIS Technical Support

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

Staff continued testing of the regional transit network in the Master Transportation Network geodatabase developed by the consultant for improved Master Highway and Transit Network editing and provided the consultant with comments on the results of this testing.

Staff continued implementation of the application for the geometric realignment of the TPB Master Network to the NAVTEQ street database.

Staff continued to the update of user training materials and the web-based GIS Support Center.

Staff completed work on the update of the public transportation features in the spatial data library and began work on the update of the commuter park and ride lot layer.

The GIS Committee met on April 21st to discuss the Northern Virginia Street Centerline project, the status of the MD PSIC Project and proposed VISION Project and progress on the development of WMATA's GIS Architecture.

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 to research avenues for speeding up model execution times of the Version 2.3 model, including the implementation of distributed processing which enables concurrent use of multiple computing processors for a single model execution. During April, staff successfully implemented distributed processing on mode choice steps of the Version 2.3 model. Previously, distributed processing testing was confined to the traffic assignment step only.

TPB staff received three final report versions from Cambridge Systematics, Inc. on April 20 corresponding to: 1) Fuel prices in travel models, 2) a recommended approach for implementing near-term model enhancements, and 3) a 'before/after' data collection plan for assessing planned HOT lanes in the Washington, D.C. region. TPB has begun the formulation of two (2) additional task orders for CS to address during April. These tasks will be refined and shared with CS in May.

D. Software Support

Staff continued work activities and assistance to the consultant to implement the new GIS database network development application. Following coordination with FHWA, staff agreed to host a MOVES training workshop in the COG offices, one in a series being sponsored nationwide by EPA and FHWA, to provide guidance in use of the new emissions factor model being developed by EPA.

5. TRAVEL MONITORING

A. Cordon Counts

Traffic counts continued through April. Several counting days were lost due to heavy and persistent rain. It is anticipated staff will continue this effort through spring 2009.

B. Congestion Monitoring and Analysis

Data collection on all the routes including the new ones added to the system has been completed and the data review and quality control checks are underway. Analysis of the freeway system performance including locations where system performance has improved and locations where performance has deteriorated over time has been completed and the report preparation is underway and will be completed in early May.

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

Staff presented findings on changes in total daily travel patterns by trip purpose and mode for TPB jurisdictions between 1994 and 2007/2008 to the TPB Technical Committee and the TPB.

Staff began analysis of daily travel patterns by Regional Activity Centers and Clusters.

Regional Supplemental Bus Survey

Staff completed the factoring of the 2008 Regional Bus Survey and presented results from this survey to the Regional Bus Subcommittee.

D. Regional Transportation Data Clearinghouse

Staff continued processing of DDOT 2006-2008 hourly volume and classification traffic count data for incorporation into the Regional Transportation Clearinghouse.

The new staff member hired to fill the transportation planner/data analyst (replacement position) began work on the Regional Transportation Data Clearinghouse.

6. **TECHNICAL ASSISTANCE**

A. **DISTRICT OF COLUMBIA**

Program Development, Data Requests and Miscellaneous Services

The program manager reviewed progress of the projects in technical assistance program.

FY2009 DDOT Traffic Counts

Seven proposals were received in response to the RFP and the selection committee met and selected MCV associates based on the technical merits and the cost of the proposal. Data collection will get underway shortly.

FY09 DOT 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 reviewed 2009 AADT traffic volume estimates with the members of the HPMS Coordinating Committee

DDOT Regional Sensitivity Analysis

No activity to report during the reporting period.

Bicycle Counts

No activity to report during the reporting period.

2009 Automobile Travel Time Survey

Data collection on the 2009 automobile travel time survey on the 17 routes got underway and will be completed in May 2009.

B. MARYLAND

Program Development /Management

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

Maryland Miscellaneous Services

Staff addressed a number of data/ consultation requests from Maryland State Highway Administration that included researching the viability of using more "realistic" GIS-based networks to represent model output, helping MD SHA with a response to a citizen request, and helping Frederick County with evaluation of their model runs.

MDOT Training / Technical Support

Staff reviewed documentation reports, e.g., draft environmental impact study, Alternatives retained fro detailed study, for various project planning studies in Maryland.

Corridor Cities Transit way / Bi-County Transitway

In response to a data request, staff prepared and transmitted the 2008 CLRP walk-access to transit GIS package to the CCT project consultants. The process involved assembling all of the pertinent data and independently replicating the

results prior to the transmittal.

Staff met with MTA and WMATA representatives to discuss the completed (Phase 1) and future (Phase 2) Purple Line project work. WMATA and TPB staff reviewed both transit and highway forecasts and provided comments and suggestions to MTA representatives. The Purple Line team is aiming to submit the New Starts application for the project to Federal Transit Administration (FTA) sometime in the fall of 2009, once the Phase 2 of the study has been completed.

Project Planning Support

This program area is being used to support additional work activities on the Managed Lanes Project (reported below).

Managed Lanes Project

Staff moved forward with the next stage of the study and completed network updates for 2005 Validation and 2030 No Build networks by implementing the technical corrections from the previous stage of the Managed Lanes Study in conjunction with the 2008 CLRP network updates. Staff executed 2005 and 2030 No Build travel demand modeling using the latest set of modeled updates (tolled external trips in trip distribution) and developed a "build" network consisting of I-270, northern Capital Beltway and I-95 (Maryland) HOT lanes. The results of this analysis are expected to be presented at the MD SHA May coordination meeting.

Development / Refinement of Technical Methods

No activity to report during the reporting period.

Statewide Travel Demand Model

No activity to report during the reporting period.

C. **VIRGINIA**

Program Development

No activity to report during the reporting period.

Miscellaneous Services

The FY2009 UPWP was amended to allocate the remaining funding in this task to the High Occupancy / Toll (hot) Lane Traffic Analyses task. As a result, this task is effectively closed.

Northern Virginia HOV Facilities Monitoring and Data Collection

No activity to report during the reporting period.

High Occupancy / Toll (HOT) Lane Traffic Analyses

This project is complete.

Enhanced Commuter Corridor Count Program Continuation
Travel Forecast Model Refinements

Staff began review and processing of the transit passenger counts collected in the I-66 Corridor outside the Beltway.

Data Mine State of the Commute Survey

This project was carried over in total to the FY2010 UPWP.

D. WMATA

Program Development

No activity to report during the reporting period.

Miscellaneous Services

No activity to report during the reporting period.

Accessible Pathways Analysis for MetroAccess Customers

This project is complete.

Analyze Bus Passenger Survey Trip Origins and Destinations

This project has been carried over to FY 2010.

Enhance Transit Network Coding

No activity to report during the reporting period.

Evaluation of the Metro Bus Priority Corridor Network

TPB staff facilitated the selection of a proposal for an analysis of WMATA's Priority Corridor Network. The analysis, with costs charged to WMATA and the DOTs' technical assistance accounts, will evaluate a regional network of enhanced bus service currently being proposed by WMATA planning staff. The RFP was released on February 26, 2009, and staff hosted a pre-bid conference

on March 9. The selection committee met on April 1, 2009. Staff attended the kick-off meeting of this study on April 20.

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

A. Process 2007 Air Passenger Survey

Task complete.

B. Ground Access Forecast and Element Updates

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

Staff began preparation of a technical memorandum to FAA documenting the methodology and results of phase 1 of this project. Phase 1 entails the development of trip generation rates by home/non-home trip origin type and area resident/non-resident status for each airport-new AAZ pair. It is anticipated that this deliverable will be submitted to FAA in May 2009.

2) Ground Access Element Update

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

C. Ground Access Travel Time Study

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

Other CASP Activities

No activity to report during the reporting period.

CONSULTANT SUPPORT

1. Cambridge Systematics, Inc. – Technical Assistance – Travel Demand Model Development and Application - \$150,000.
2. Daniel Consultants, Inc. - A Project to Improve GIS-Based Applications and Protocols Used to Develop and Manage Transportation Networks – Phase II- \$75,000.
3. SKYCOMP – freeway congestion monitoring - \$142, 000.
4. Cambridge Systematics, Inc – Analysis of Financial Resources for the 2010 CLRP for the Washington Region - \$100,000.

**FY 2009 TRANSPORTATION PLANNING BOARD
COG/TPB BUDGET EXPENDITURE SUMMARY**

FY-TO-DATE APRIL 30, 2009

	BUDGET TOTAL	FUNDS EXPENDED	% FUNDS EXPENDED
1. PLAN SUPPORT			
A. Unified Planning Work Program (UPWP)	70,700.00	50,653.24	72%
B. Transportation Improvement Program (TIP)	151,700.00	115,076.47	76%
C. Constrained Long-Range Plan	538,400.00	384,268.73	71%
D. Financial Plan	84,000.00	43,378.77	52%
E. Public Participation	293,900.00	223,198.10	76%
F. Private Enterprise Participation	18,300.00	8,702.55	48%
G. Annual Report	80,100.00	53,784.13	67%
H. Transportation / Land Use Connection Program	285,000.00	105,474.20	37%
I. DTP Management	452,100.00	331,881.12	73%
SUBTOTAL	1,974,200.00	1,316,417.32	67%
2. COORDINATION PLANNING			
A. Congestion Management Process (CMP)	155,000.00	92,429.97	60%
B. Management, Operations & ITS Planning	377,163.00	244,459.37	65%
C. Emergence Preparedness Planning	75,400.00	44,663.04	59%
D. Transportation Safety Planning	100,000.00	40,087.82	40%
E. Bicycle and Pedestrian Program	108,700.00	78,172.59	72%
F. Regional Bus Planning	100,000.00	84,170.17	84%
G. Human Service Transportation Coordination Planning	105,000.00	104,063.96	99%
H. Freight Planning	101,000.00	87,013.86	86%
SUBTOTAL	1,122,263.00	775,060.78	69%
3. FORECASTING APPLICATIONS			
A. Air Quality Conformity	563,200.00	470,194.81	83%
B. Mobile Emissions Analysis	640,100.00	472,316.21	74%
C. Regional Studies	315,800.00	268,420.80	85%
D. Coord. Cooperative Forecasting & Trans Planning	676,800.00	403,724.53	60%
SUBTOTAL	2,195,900.00	1,614,656.35	74%
4. DEVELOPMENT OF NETWORKS AND MODELS			
A. Networks Development	769,700.00	595,755.26	77%
B. GIS Technical Support	448,800.00	298,743.11	67%
C. Models Development	921,200.00	733,075.35	80%
D. Software Support	178,900.00	160,603.50	90%
SUBTOTAL	2,318,600.00	1,788,177.22	77%

**FY 2009 TRANSPORTATION PLANNING BOARD
COG/TPB BUDGET EXPENDITURE SUMMARY**

FY-TO-DATE APRIL 30, 2009

	BUDGET TOTAL	FUNDS EXPENDED	% FUNDS EXPENDED
5. TRAVEL MONITORING			
A. Cordon Counts	230,000.00	170,230.02	74%
B. Congestion Monitoring and Analysis	486,200.00	390,833.23	80%
C. Travel Survey and Analysis			
Household Travel Survey	875,000.00	531,569.72	61%
Supplement Regional Bus Passenger Survey	75,000.00	51,018.69	68%
D. Regional Transportation Clearinghouse	267,900.00	121,541.36	45%
SUBTOTAL	1,934,100.00	1,265,193.01	65%
SUBTOTAL CORE PROGRAM ITEMS 1-5			
	9,545,063.00	6,759,504.68	71%
6. TECHNICAL ASSISTANCE			
A. District of Columbia	303,868.00	29,894.96	10%
B. Maryland	516,111.00	353,737.07	69%
C. Virginia	436,044.00	399,926.28	92%
D. WMATA	248,900.00	81,391.73	33%
SUBTOTAL	1,504,923.00	864,950.04	
TPB GRAND TOTAL	11,049,986.00	7,624,454.72	69%

**FY 2009 TRANSPORTATION PLANNING BOARD
FINANCIAL STATUS OF TECHNICAL ASSISTANCE**

FY-TO-DATE APRIL 30, 2009
SUPPLEMENT 1

	COST CODES	TOTAL		FTA/STALOC		PL FUNDS/LOC		
		AUTHORIZED BUDGET	EXPENDITURES	AUTHORIZED BUDGET	EXPENDITURES	AUTHORIZED BUDGET	EXPENDITURES	
A. District of Columbia								
1. Program Development, Data Requests & Misc. Services	040	17,500.00	8,423.95	1,912.00	920.38	15,588.00	7,503.57	
2. DDOT Traffic Counts	041	130,000.00	20,950.00	14,200.00	2,288.38	115,800.00	18,661.61	
3. Bicycle Counts	042	60,000.00	0.00	6,554.00	0.00	53,446.00	0.00	
4. 2009 Automobile Travel Time Survey	043	20,000.00	521.02	2,185.00	56.92	17,815.00	464.10	
5. FY 2009 Parking Space Turnover near Nationals Ballpark	044	59,368.00	0.00	6,485.00	0.00	52,883.00	0.00	
6. DC Region Sensitivity Analysis	045	17,000.00	0.00	1,857.00	0.00	15,143.00	0.00	
SUBTOTAL		303,868.00	29,894.96	33,193.00	3,265.68	270,675.00	26,629.28	
B. Maryland								
1. Program Development/Management	060	20,000.00	17,723.52	2,185.00	1,936.29	17,815.00	15,787.22	
2. Miscellaneous Services	061	50,000.00	20,653.43	5,462.00	2,256.18	44,538.00	18,397.25	
3. MDOT Training /Technical Support	062	25,000.00	12,164.87	2,731.00	1,328.89	22,269.00	10,835.98	
4. SHA-Western Mobility/Capital Beltway Studies	063	111.00	0.00	12.00	0.00	99.00	0.00	
5. MTA- Corridor Cities Transit way/Bi-County Transit	064	10,000.00	5,636.79	1,093.00	616.10	8,907.00	5,020.69	
6. Project Planning Support	065	111,000.00	89,032.28	12,125.00	9,725.37	98,875.00	79,306.91	
7. Managed Lanes-Planning	066	150,000.00	148,548.91	16,383.00	16,224.51	133,617.00	132,324.40	
8. Traffic Impacts	067	10,000.00	9,999.93	1,093.00	1,092.99	8,907.00	8,906.94	
9. Project Evaluation	068	0.00	0.00	0.00	0.00	0.00	0.00	
10. State Travel Demand Model	069	10,000.00	10,053.00	1,092.00	1,097.79	8,908.00	8,955.21	
11. Development/Refinement of Technical Services	070	50,000.00	39,924.34	5,462.00	4,361.33	44,538.00	35,553.00	
12. Monitoring Studies	071	0.00	0.00	0.00	0.00	0.00	0.00	
13. Transporting Land Use Connection (TLC)	072	80,000.00	0.00	8,739.00	0.00	71,261.00	0.00	
SUBTOTAL		616,111.00	353,737.07	56,377.00	38,639.47	459,734.00	315,097.61	
C. Virginia								
1. Program Development	080	7,444.00	3,332.26	814.00	364.38	6,630.00	2,967.88	
2. Miscellaneous Services	081	0.00	0.00	0.00	0.00	0.00	0.00	
3. NVA. HOV Facilities Monitoring & Data Collection	082	300,000.00	301,372.27	32,768.00	32,917.89	267,232.00	268,454.38	
4. High Occupancy / Toll (HoV) Lane Analysis I-95 / 395 Corridor	083	73,600.00	69,010.70	8,039.00	7,537.73	65,561.00	61,472.97	
5. Enhanced Commuter Corridor Count Program Continuation	084	55,000.00	26,211.05	6,008.00	2,863.20	48,992.00	23,347.85	
6. Travel Forecast Model Refinements	085	0.00	0.00	0.00	0.00	0.00	0.00	
7. Data Mine State of the Commute Survey	086	0.00	0.00	0.00	0.00	0.00	0.00	
SUBTOTAL		436,044.00	399,926.28	47,629.00	43,683.20	388,415.00	356,243.08	
D. WMATA								
1. Program Development	100	10,000.00	8,465.39	10,000.00	8,465.39	0.00	0.00	
2. Miscellaneous Services	101	5,000.00	0.00	5,000.00	0.00	0.00	0.00	
3. Accessible Pathways Analysis for Metro Access Customers	102	30,000.00	29,593.00	30,000.00	29,593.00	0.00	0.00	
4. Analyze Bus Passenger Survey Trip Origins & Destinations	103	50,000.00	0.00	50,000.00	0.00	0.00	0.00	
5. Enhance Transit Network Coding	104	50,000.00	43,333.34	50,000.00	43,333.34	0.00	0.00	
6. Evaluation of the Metro Bus Priority Corridor Networks	105	103,900.00	0.00	103,900.00	0.00	0.00	0.00	
SUBTOTAL		248,900.00	81,391.73	248,900.00	81,391.73	0.00	0.00	
GRAND TOTAL		1,504,923.00	864,960.04	386,099.00	166,980.08	1,118,824.00	697,969.96	