

PROGRAM HIGHLIGHTS

1. PLAN SUPPORT

A. Unified Planning Work Program

Work continued on monitoring the FY 2009 UPWP.

B. Transportation Improvement Program (TIP)

At the December 5 meeting, the TPB Steering Committee approved an amendment to the FY 2009-2014 TIP that is exempt from the air quality conformity requirement as requested by VDOT.

At the November 19 meeting, the TPB approved the 2008 CLRP, the amended FY 2009 - 2014 TIP and web-based information which were released for public comment on October 9. On December 9, the complete FY 2009-2014 TIP and the CLRP web-based information together with the air quality conformity analysis documentation were submitted to the FHWA and FTA for their review and approval.

C. Constrained Long-Range Plan (CLRP)

At the November 19 meeting, the TPB approved the 2008 CLRP, the amended FY 2009 -2014 TIP and web-based information which were released for public comment on October 9. On December 9, the complete FY 2009-2014 TIP and the CLRP web-based information together with the air quality conformity analysis documentation were submitted to the FHWA and FTA for their review and approval.

The deadline for project submissions for the 2009 CLRP and FY 2010-2015 TIP was on Friday, December 5. TPB staff worked with staff from member agencies to ensure their inputs were timely and correct. The data was input and reviewed through the online iTIP database application. Some additional training was provided to new personnel at two agencies.

At the request of the Maryland Transit Administration and their federal partners, the MTA portion of the FY 2008-2013 TIP was reformatted to show more detail on funding amounts, sources and federal, state and local splits.

D. Financial Plan

On November 25, the working group of staff from DDOT, MDOT, VDOT and WMATA and Technical Committee members held its first meeting with the consultant team to identify key financial issues, review the work tasks and to discuss the schedule of activities. During December, the consultant team contacted staff at the implementing agencies to review the 2006 financial plan

information and request updates for the 2010 financial analysis. The next meeting of the financial analysis working group is scheduled for January 27, 2009.

E. Public Participation

Participants in the November 2008 TPB Community Leadership Institute (CLI) were recognized at the December 17th meeting of the TPB. Staff prepared a memorandum to the TPB reporting on the Institute and listing the participants. Those participants in attendance at the meeting were presented with certificates, and one spokesperson was invited to address the Board. Staff mailed certificates to the remaining CLI participants.

The monthly meeting of the CAC was held on December 11th, and focused on the latest developments in the TPB Scenario Study. TPB staff presented information about a new land-use scenario for study, as well as a proposed network of variably-priced lanes and transit facilities. The CAC continued to discuss how best to be involved with Scenario Study activities, and began talking about how a new round of public outreach related to the study would take shape in late 2009. The Committee also received a briefing on California Measure SB 375 which links greenhouse gas emissions to metropolitan transportation planning, and learned about options the TPB was to consider in creating a similar linkage in the Washington Region.

Access for All Committee

During the month of December, staff worked with the consultant to finalize the report on the TPB Independent Review of MetroAccess and transmitted the report to the WMATA Board of Directors. The report was also posted on both the TPB and WMATA websites.

Staff developed a survey for AFA members to get their feedback on how the meetings work for them and what topics they'd like to see covered in 2009. Outreach was made to some non-profit organization on getting new AFA members to represent low-income individuals.

F. Private Enterprise Participation

No work activity during the reporting period.

G. Annual Report

The December edition of the TPB News was produced. Work continued on the Initial text for the 2009 Region Magazine. Including development of a 10-year retrospective on the TPB Vision

H. Transportation / Land Use Connection Program

The application period for the FY 2009 TLC technical assistance round ended on December 19th. In advance of the deadline, staff assisted local jurisdiction staff with questions regarding the application process and project scopes.

Responses to the supplemental request for qualifications for TLC consultants were also received in early December, and staff determined that all respondents met the criteria for inclusion in the pool of prequalified firms.

Staff also extended invitations to several individuals identified as possible members of the Evaluation Panel for the FY 2009 technical assistance round, and set a date of January 23rd for convening the panel. Packets including the TLC applications received by the December 19th deadline, along with evaluation forms reflecting the project selection criteria, were mailed to the evaluation panel.

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 welcoming remarks and participated in the annual meeting of the I-95 Corridor Coalition.
- The DTP Director participated as a panelist in an infrastructure hearing sponsored at COG by the American Planning Association (APA).
- The DTP Director gave a presentation at a national workshop on Transportation Systems Management and Operations (TSMO) sponsored by the Federal Highway Administration.

2. COORDINATION PLANNING

A. Congestion Management Process (CMP)

Staff continued background and technical support work on the CMP.

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

- Staff prepared for and supported the December 2, 2008 meeting of the Management, Operations, and Intelligent Transportation Systems (MOITS) Policy Task Force and Technical Subcommittee, focusing on the following topics:
 - Coordination with the Metropolitan Area Transportation Operations Coordination (MATOC) Program, including preparations for traffic and transit management for the upcoming January 2009 Presidential Inauguration period.
 - Coordination with the Regional Emergency Support Function #1 – Emergency Transportation Committee in support of project proposals for the FY2009 Urban Area Security Initiative (UASI)

- Program of the U.S. Department of Homeland Security. (See also Task 2.C. below.)
- Received a briefing on the Regional Evacuation Traffic Monitoring Management Tool under development by the University of Maryland in conjunction with DDOT, MDOT, and VDOT.
 - Received an update on the operations of the Regional Integrated Transportation Information System (RITIS) under development and operation by the University of Maryland.
 - Received a briefing and discussed WMATA plans for studying and implementing Transit Signal Priority (TSP) technology in the region.
 - Received a briefing on the VDOT Intelligent Transportation Systems Master Plan, and discussed the Master Plan's potential applicability for the regional MOITS Strategic Plan currently under development.
- The MOITS Traffic Signals Subcommittee met on December 18, discussing continuing staff development of a regional traffic signals GIS map and database; operational plans for the upcoming Inauguration period; and information from a recent Maryland SHA workshop on traffic detection using Bluetooth devices.
 - The MOITS Regional ITS Architecture Subcommittee did not meet in December. Staff continued supporting technical work in this area.
 - On December 9, TPB staff hosted the annual Executive Board Meeting of the I-95 Corridor Coalition, discussing a number of inter-regional transportation technology and operations issues with representatives from states and agencies throughout the corridor.
 - Staff participated in a "National Workshop to Advance Regional Transportation Operations", sponsored by the Transportation Research Board and the Federal Highway Administration, December 10 – 12 in Washington, D.C. This multi-day workshop brought together expert practitioners from around the country to develop and advance more strategic and effective approaches to manage and operate transportation systems on a regional scale.

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.

Due to continuing planning for the Presidential Inauguration on January 20, 2009, the Committee held multiple conference calls in lieu of a committee meeting.

During these conference calls, discussion focused on the Urban Area Security Initiative grant. The committee worked to develop several project plans to be reviewed by a

handful of predetermined working groups tasked with identifying funding priorities for grant funding.

Staff undertook planning, preparatory, and follow-up work on the above items throughout the month, consulting frequently with the Chair and Vice-Chairs. Staff continued attending a number of regularly scheduled meetings of transportation, police, fire, and emergency management agency committees throughout the month.

Staff provided support specifically to those involved with the Urban Area Security Initiative projects. Staff provided coordination with Urban Area Security Initiative decision makers and the project authors of the various RESF-1 submissions. Coordination with the working groups, committee members, and the State Administrative Agency was a primary task of RESF-1 staff for the month. Staff also prepared committee members for the grant focused meetings which occurred throughout the month. The decision makers, the regions Chief Administrative Officers, made several requests throughout the month which required continual support and communication with the project authors and RESF-1 members.

D. Transportation Safety Planning

TPB staff schedule a meeting at the University of Maryland CATT lab to review a crash data access and visualization software under development there that may have regional applicability. A presentation on that software will be the focus of the next Transportation Safety Subcommittee meeting.

TPB staff obtained the most recent crash data from DDOT, VDOT, and MDOT. Up to date regional data will be compiled, to the maximum extent possible, with regard to each of the emphasis areas in the Safety element of the regional Constrained Long-Range Plan.

E. Bicycle and Pedestrian Planning

TPB staff solicited and compiled comments on the bicycle route-finding web site from the bicycle and pedestrian subcommittee members and from WABA members. Staff reviewed and updated the regional Bike to Work Guide for accuracy.

F. Regional Bus Planning

During December, TPB staff continued its long-range bus planning efforts. Staff finalized the regional list of priority bus projects, which was presented to the TPB by the chair of the Regional Bus Subcommittee at its December 17 meeting.

Staff also prepared for the appointment of a new chair to the Regional Bus Subcommittee.

There was no meeting of the subcommittee in December.

G. Human Service Transportation Coordination

Staff participated in a meeting with representatives from several area workforce development organizations to encourage greater coordination and outreach on support for low-income workers. Staff prepared for the 2009 solicitation by revising the application and solicitation brochure and by scheduling pre-

application conference dates. Public comments received on the statement of priorities for the 2009 solicitation for JARC and New Freedom projects were reviewed.

H. Freight Planning

Staff continued development of an outline on a report entitled “Integrating Freight into the 2010 Constrained Long Range Plan.” This report will highlight freight data trends in the region and include feedback from a freight stakeholder survey.

On December 4, 2008, TPB staff hosted the Maryland Department of Transportation (MDOT) for a presentation on the MDOT State Freight Plan. MDOT sought input from the public in the National Capital Region.

Staff participated in the December 10, 2008 Federal Highway Administration sponsored “Talking Freight” Web Seminar entitled Establishment Surveys. As part of freight outreach, staff attended the Council of Supply Chain Management Professionals Roundtable on December 12, 2008. Mr. Robin Williams of Sprint presented on “Lean” Supply Chain.

Staff began preparations for the January 15, 2009 Freight Subcommittee meeting.

3. FORCASTING APPLICATIONS

A. Air Quality Conformity

Regarding the air quality conformity assessment of the 2008 CLRP and FY2009 – 14 TIP, following the TPB’s approval of the report at its November meeting, staff completed production of copies of the report and distributed the document to all appropriate federal, state and local agencies.

Consistent with the approved ‘Call For Projects’ schedule for production of the 2009 CLRP and FY2010 – 15 TIP, staff completed the draft scope of work and presented it to the TPB, TPB Tech, MWAQC TAC, and Travel Management Subcommittee at their respective monthly meetings. As discussed at Tech Committee, staff prepared a detailed list of transit coding assumptions for projects in the current CLRP. The list will be distributed at the January Tech Committee for review by the implementing agencies.

Staff began review of project submissions, and preparation of the highway and transit conformity input tables. The tables will show the changes from the current CLRP. Staff will distribute the tables at the January Tech Committee meeting. Project inputs are scheduled to be released for public comment at the January 15th CAC meeting.

DTP staff also met to review and discuss the latest simulation results of the Version 2.2 model to identify any updates felt to be needed for future applications.

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 December TPB meeting and air quality conformity consultation elements.

B. Mobile Emissions Analysis

As part of work activities in the Climate Change planning area, staff proceeded with: (1) work to update all of the existing CO₂ 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; (2) preparation of total greenhouse gas emissions within each inventory (as opposed to only CO₂ emissions) through 2030, and including a 2012 analysis for later consideration of this 'rate of progress' milestone year; and (3) analysis of transportation measures with greenhouse gas reduction benefits.

Staff participated in meetings / conference calls of MWAQC, its Budget Subcommittee and its Technical Advisory Committee.

Analysis of the transportation and land use measures in the COG Board's Climate Change Report is underway and preliminary results were presented to the Travel Management Subcommittee. The VIN decoding analysis is underway and the preliminary results are being analyzed. Staff provided technical support to Commuter Connections staff in the completion of the TERM Analysis Report.

The Travel Management Subcommittee met on December 23, 2008 and discussed a number of items including the work program of the upcoming conformity assessment of the 2009 CLRP and FY 2010- FY 2015 TIP. The subcommittee was briefed on the EPA's proposal to include Montgomery and Prince George's County in the Baltimore PM 2.5 non-attainment area. The subcommittee was briefed on the greenhouse gas emissions work program, inventory preparation and analysis of emissions reduction programs. The next meeting of the subcommittee is scheduled for January 27, 2008.

In December COG/DEP staff performed the following:

1. began learning the new EPA NEI XML format for future on road mobile data Submission for SIPs to EPA.
2. collected questions from Technical Advisory Committee members for EPA Region 3 staff about the transportation conformity process if Montgomery County and Prince George's County are designated part of the Baltimore PM2.5 nonattainment area.
3. attended TPB Technical and TPB meetings in December Staff discussed EPA's Proposed designation of Montgomery County and Prince George's County by announced by letter on December 5.

C. Regional Studies

Staff completed further development of the CLRP Aspirations and What Would it Take scenarios. Staff continued to collect comments from local jurisdictions on the land use component of the CLRP Aspirations scenario. Staff also began meeting with local jurisdictions to brief land use and transportation planners on both the land use growth shifts and the BRT/variably priced lane network by meeting with Fairfax County planners. Staff also continued to analyze transportation emissions reduction measures for cost-effectiveness for the What Would it Take scenario, including detailed cumulative emissions reduction potential for six TERMS. Additional research was

completed regarding a second set of alternative fuel projections for 2030 and potential reductions from more aggressive fuel efficiency measures.

Staff continued to refine and update the proposed network of high-quality bus transit lines operating on variably priced lanes which will define the transportation component of the CLRP Aspirations Scenario, part of the next phase of the TPB Scenario Study. Progress on this work was presented to the TPB's Citizens Advisory Committee at the December meeting.

D. Coordination Cooperative Forecasting & Transportation Planning

Staff received an update on the status of the draft Round 7.2 TAZ level forecasts from the members of the Cooperative Forecasting Subcommittee.

Staff obtained, reviewed, evaluated national 30+ year projections of economic growth by North American Standard Industrial Classifications (NASICS) from three private sector data vendors in preparation of the update of the Regional Econometric Model for Round 8.0 Cooperative Forecasts.

Staff met with Steven Fuller and John McClain of the George Mason Institute of Public Policy to discuss the possibility of their involvement in the update of the Regional Econometric Model for Round 8.0 Cooperative Forecasts.

4. DEVELOPMENT OF NETWORK / MODELS

A. Network Development

During December, staff continued to compile and process regional transit provider's bus service data for 2008. The solicitation of bus schedule information was completed and staff continued to update transit files with schedule and route changes.

Staff continued to test a computer-based application designed to refine the rectification of TPB highway networks to the NAVTEQ street base. Staff is also reviewing and updating a user's guide that accompanies the application. TPB networks are currently built on a TIGER street base, and the rectification to the NAVTEQ street base will increase network accuracy.

In December, staff continued their examination of DCI's network geodatabase files by comparing them to our MAN-generated files. A meeting between TPB staff and DCI convened on Tuesday December 9th to review DCI's progress on transit network editing and to discuss highway network discrepancies. Staff summarized the discrepancies and determined some updates were needed for MAN-based inputs to DCI's new application. The consensus among TPB staff was that the TPB and DCI applications were pretty close with the old and new network exporting procedures being able to produce the same any-year networks. Staff decided to make the additional corrections and for DCI to adjust their methodology to more closely resemble the one developed for our legacy process. A set of updates was transmitted on December 17, and DCI is currently working to update the highway geodatabase.

B. GIS Technical Support

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

Staff reviewed and began the testing of the implementation of the regional transit network in the Master Transportation Network geodatabase developed by the consultant for improved Master Highway and Transit Network editing.

Staff began implementation of the application for the geometric realignment of the TPB Master Network to the NAVTEQ street database. Network coding staff began testing and use of this new application.

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

Staff selected and extended a job offer to a candidate to fill the vacant GIS Analyst/Coordinator position.

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 work on the Version 2.3 model focused on 1) a review of the proposed new TAZ system to which the model will be calibrated using the new household travel survey; 2) testing the CUBE software capability in the area of distributed processing as a means of speeding up the modeling process; and 3) testing a reduced set of speed feedback iterations, also as a means of improving model execution time. Regional level summaries (regional VMT and transit trips) indicate that 3-4 iterations may be sufficient. Staff is currently evaluating finer grain modeling outputs between iterations to confirm this finding. A status report of these activities will be presented at the upcoming meeting of the TPB Travel Forecasting Subcommittee on January 23rd.

During December, Staff received draft reports from Cambridge Systematics, Inc. in response to three task orders in their contract. These reports are undergoing internal review for comments and will eventually be incorporated into the documentation of all activities in the models development program for FY2009.

D. Software Support

Staff continued to investigate the Demonstration Version of EPA's Highway Vehicle Implementation of the Motor Vehicle Emissions Simulator (MOVES-HVI) and details of downloading the software package to a dual-core desktop computer.

5. TRAVEL MONITORING

A. Cordon Counts

Staff worked with the WMATA Office of Long-Range Planning to gain commitments for conducting Metrobus and Metrorail counts in Spring 2009 as part of the Central Employment Core Cordon Count. Possibilities for TPB staff performing these counts, in addition to the already-budgeted counts for HOV and SOV travel into the Central Employment Core, are being explored.

B. Congestion Monitoring and Analysis

Data collection in support of the arterial highway congestion monitoring program has been completed on the majority of the routes in Virginia and Maryland and one route in the District of Columbia. A preliminary draft SKYCOMP report on the freeway system performance during the peak period has been received and is being reviewed.

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

Staff completed development of the survey expansion and weighting factors for the household travel survey data files.

Staff completed the detailed review and update of the survey trip file including household members reporting no trips on their travel day and the coding of Metrorail, Commuter Rail and Commuter Bus trips.

Staff prepared a Power Point presentation on the initial findings from the 2007/2008 Household Travel Survey for the TPB Technical Committee meeting.

D. Regional Supplemental Bus Survey

Staff developed preliminary survey expansion factors for the Ride-On, The Bus, Transit, DASH, PRTC systems and ran initial survey tabulations with these weighting factors.

E. Regional Transportation Data Clearinghouse

Staff completed processing of the 2007 hourly directional traffic volume and classification traffic counts obtained from DDOT for inclusion in the Regional Clearinghouse.

Staff continued processing transit data received from WMATA for inclusion in the Regional Clearinghouse.

6. **TECHNICAL ASSISTANCE**

A. **DISTRICT OF COLUMBIA**

Program Development, Data Requests and Miscellaneous Services

No work activity during the reporting period.

FY2009 DDOT Traffic Counts

Staff continued to conduct data analysis of the latest DC traffic counts to obtain AADT and AAWDT.

DDOT Regional Sensitivity Analysis

Staff began internal review of a draft final report on the project.

Bicycle Counts

No work activity during the reporting period.

2009 Automobile Travel Time Survey

No work activity during the reporting period.

FY2009 DDOT HPMS Project

Staff prepared the draft agenda for Dot's monthly HPMS Coordinating Committee meeting and drafted to the meeting minutes. Staff completed the creation of a GIS data base identifying the location of DDOT traffic count locations and submitted this to the FHWA on Dot's behalf.

Staff met with DDOT to discuss traffic counting program needs for CY2009-CY2011 in relation to HPMS Reassessment 2010+ data and reporting requirements.

B. MARYLAND

Program Development /Management

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

Maryland Miscellaneous Services

Staff provided demographic model data from the TPB Travel Forecasting Model Version 2.2 using the 2008 Constrained Long Range Plan (CLRP), the 2009-2014 Transportation Improvement Program (TIP) and forecasts of population, households and employment from Round 7.1 of the COG Cooperative Forecasting process as used in the Air Quality Conformity process adopted by the Transportation Planning Board on November 19, 2008, to the Transportation Planning Staff of the Maryland National Capital Park and Planning Commission, Prince George's County, Maryland. Staff also commenced work to deliver the highway and transit networks for the simulation years 2002, 2009, 2010, 2020 and 2030 from the same process to the same organization.

Staff delivered the GIS shapefile of the most recent COG Clearinghouse Network containing street names to the Frederick County, Maryland, Division of Planning.

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 Transit way / Bi-County Transitway

No activity for this reporting period.

Project Planning Support

In response to a request from MD SHA, staff transmitted to them the Version 2.2 travel demand model based on the 2008 CLRP, and associated documentation.

Technical Methods

There was no activity to report in December.

Managed Lanes Project

Staff began coding the next set of alternatives for the Managed Lanes project. Relative to the baseline, the new set of alternatives will model previously examined managed lanes on I-270, I-270 Spurs, and Capital Beltway, and an additional network of managed lanes on Capital Beltway (from the Spurs to I-95 in MD) and on I-95 in Maryland. Staff coded networks and interchanges based on the set-ups used in previous Value Pricing studies.

In addition to the production work referenced above, staff completed two technical memoranda outlining some of suggestions for potential changes in the current modeling process (Version 2.2):

- December 11, 2008 memo, which addressed treatment of tolls for external trips in trip distribution, value of time for different vehicle categories in traffic assignment, volume-delay function/ queuing, and convergence, and
- December 19, 2008 memo, which mainly addressed speeds and travel times, and also discussed Managed Lanes toll revenue calculations and “buffer” area summaries.

Development / Refinement of Technical Methods

C. VIRGINIA

Program Development

There was no activity to report in December.

Miscellaneous Services

There was no activity to report in December.

Northern Virginia HOV Facilities Monitoring and Data Collection

Staff is wrapping up reviewing fall data collection of HOV counts and travel time runs and expects to transmit these products to VDOT / NOVA by the end of January.

High Occupancy / Toll (HOT) Lane Traffic Analyses

As follow-up to previous meetings with VDOT, staff continued analysis of travel demand results, particularly HOV and HOT travel, prepared as part of the 2008 CLRP update. Work activities included: review of HOV trip patterns in the Virginia I-66 and I-395 HOV lane corridors in comparison to DTPP trip O's and D's and observed travel: and analysis of work and nonwork purpose HOV demand and trip patterns in each of the corridors. Staff also continued to perform sensitivity analyses to evaluate peak-spreading characteristics.

Enhanced Commuter Corridor Count Program Continuation

There was no activity to report in December.

Travel Forecast Model Refinements

There was no activity to report in December.

Data Mine State of the Commute Survey

There was no activity to report in December.

D. **WMATA**

Program Development

Staff prepared a preliminary draft scope of work using technical assistance funds to analyze the regional benefits of implementing the WMATA bus priority corridor Or network (PCN).

Miscellaneous Services

There was no activity to report in December.

Accessible Pathways Analysis for MetroAccess Customers

The contractor completed and submitted the final report on this project.

Geocode 2007 WMATA Bus Passenger Survey

There was no activity to report in December.

Impact of Highway Congestion on WMATA Bus Operations

There was no activity to report in December.

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

A. Process 2007 Air Passenger Survey

Staff prepared a briefing on the 2007 Air Passenger Survey for the December TPB Technical Committee meeting scheduled for December 5, 2008. This item was postponed during the meeting due to time constraints and will be rescheduled for a future Technical Committee meeting.

B. Ground Access Forecast and Element Updates

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

Staff commenced work on the preparation of the ground access forecasts. Using data from the 2007 Air Passenger Survey, enplanement forecasts provided by the region's three large commercial airports, and current land use forecasts for the Washington and Baltimore regions. A draft report is being prepared and currently scheduled to be presented at the January 22, 2009 meeting of the Aviation Technical Subcommittee.

2) Ground Access Element Update

No activity to report. This project has not yet started.

C. Ground Access Travel Time Study

No activity to report. This project has not yet started.

Other CASP Activities

There was no activity to report in November.

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.

