

FY 2012

NATIONAL CAPITAL REGION

TRANSPORTATION PLANNING BOARD (TPB)

Work Program Progress Report

NOVEMBER 2011

METROPOLITAN WASHINGTON COUNCIL OF GOVERNMENTS

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PROGRAM HIGHLIGHTS

1. PLAN SUPPORT

A. Unified Planning Work Program (UPWP)

Work continued monitoring the FY 2012 UPWP which began on July 1, 2011

The FY 2012 UPWP document was revised to include the budget changes and text revisions as approved by the TPB on October 19, 2011.

B. Transportation Improvement Program (TIP)

On November 4, the Steering Committee approved two amendments to the FY 2011-2016 TIP as requested by the Maryland Department of Transportation (MDOT) and the Virginia Department of Transportation (VDOT).

C. Constrained Long-Range Plan (CLRP)

At its November 16 meeting, the TPB was informed that no public comments had been received on the 2011 update to the CLRP. The TPB then approved the air quality conformity determination for the 2011 CLRP and the 2011 CLRP. The TPB also endorsed the Statement of Certification of the Urban Transportation Planning Process for the National Capital Region. The documentation for the 2011 CLRP, the statement of certification, and the final air quality conformity determination report were submitted to the FHWA and FTA for their review and approval.

D. Financial Plan

The financial summaries in the FY 2011-2016 TIP are reviewed and updated as amendments are approved.

E. Public Participation

The CAC meeting on November 10 was largely dedicated to a briefing and discussion on the TPB's Regional Transportation Priorities Plan. The committee is particularly interested in public involvement activities that will be conducted as part of the priorities plan development.

The public comment period for the final draft of the 2012 CLRP and related conformity assessment closed on November 13. Those documents were approved by the TPB on November 16.

Staff worked on the development of a new web-based publication, called the TPB Weekly Report, which will provide short stories on regional transportation issues.

Access for All Advisory Committee

No work activity during the reporting period.

F. Private Enterprise Participation

No work activity during the reporting period.

G. Annual Report

The November TPB News was produced and distributed.

H. Transportation / Land Use Connection Program (TLC)

All the kickoff meetings for the eight new TLC projects occurred in November. Consultants for the projects were selected in October and contracts were finalized in November.

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 and other senior COG staff briefed US Senate staff on the recent Incident Management Report, which was presented to the TPB at its November 16 meeting.
- Senior DTP staff provided Mr. John Miller of VDOT's Programming Division with comments on the Virginia process for developing the state six-year improvement program and the State Transportation Improvement Program.
- The DTP Director met with Mr. O.P. Agarwal, senior urban transport specialist at the World Bank, to discuss the MPO process in the Washington region.

2. COORDINATION PLANNING

A. Congestion Management Process (CMP)

Staff continued to revise and improve the draft National Capital Region Congestion Report:

- Conducted internal reviews of the Q3/2011 report.
- Refined the travel time reliability measure to make it more understandable to the general public.
- Developed a quarterly spotlight for the Q3/2011 report that features the traffic impacts of the August 23 earthquake and the Metropolitan Area Transportation Operations Coordination (MATOC) Program.
- Presented the report to the Management, Operations and Intelligent Transportation Systems (MOITS) Technical Subcommittee on its November 8 meeting.

Staff participated in the development of performance measures for the TPB Regional Transportation Priorities Plan.

On November 3, staff monitored the I-95 Corridor Coalition Vehicle Probe Project webcast. On November 17, staff participated in a meeting on Regional Use of Archived Operations Data at Delaware Valley Regional Planning Commission.

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

The MOITS Technical Subcommittee met on November 8. A main focus of the meeting was the milestone #1 presentation on the *Multimodal Coordination for Bus Priority Hot Spots* study being undertaken through the Technical Assistance program of the UPWP. The Subcommittee held a successful discussion on the structure of the study and the opportunities for interaction with MOITS. Staff continued providing input to the consultant team for the ongoing FY 2012 Technical Assistance Account work item "Multimodal Coordination for Bus Hot Spots" Project.

Staff continued coordination between MOITS activities and the COG Incident Management and Response (IMR) Steering Committee; the Steering Committee oversaw the development of recommendations in the wake of the impacts of the January 26, 2011 snow storm. Staff assisted in the preparation of the presentations of the IMR final report to the COG Board of Directors on November 9 and to the TPB on November 16.

Staff continued coordinating MOITS activities with the Metropolitan Area Transportation Operations Coordination (MATOC) Program (see also Item 2.I.).

On November 7, staff gave a presentation on National Capital Region "planning for operations" activities at an operations summit meeting of the National Transportation Operations Coalition (NTOC), taking place at the Transportation Research Board offices in Washington, D.C.

C. Transportation Emergency Preparedness Planning

The Regional Emergency Support Function #1 (RESF-1) Committee for transportation emergency preparedness did not meet in November, and there were no major activities to report. External to this task, the final report of the COG Incident Management and Response (IMR) Steering Committee was presented to the COG Board of Directors on November 9 and to the TPB on November 16. See also Item 2.B.

D. Transportation Safety Planning

MDOT 2010 traffic death, injury, and crash data were released in November. DDOT has indicated that its data will be made available when it has hired additional staff, which it is in the process of doing.

Staff met with a Federal Highway Administration representative on November 30th to discuss performance measures for safety programs, such as the Street Smart Pedestrian and Bicycle Safety Program.

Staff worked with the consultant, the advisory committee, and the Montgomery County Office of Public Affairs to plan the Fall Street Smart campaign, particularly the Fall press event which was held on November 14th in Montgomery County. Staff helped gather information for and review the press materials. Staff responded to questions from the press and public regarding the campaign. Staff worked to close out final reporting and grant paperwork for the FY 2011 campaign.

E. Bicycle and Pedestrian Planning

Staff reviewed and discussed comments on the draft Complete Streets policy with individual Subcommittee members and members of the public and advocacy community.

Staff discussed possible revisions of the draft policy with representatives of the DOT's in order to respond to concerns from the DOT's regarding the appropriateness and timeliness of a regional policy, and potential conflicts with State policies.

Andrew Meese briefed the TPB Technical Committee on November 4th on the draft Complete Streets policy and Street Smart program. The TPB Technical Committee concurred with the staff recommendation to remove the Complete Streets item from the November TPB agenda.

Staff met with Federal Highway representatives on November 30th to discuss performance measures for safety programs, such as the Street Smart Pedestrian and Bicycle Safety Program.

Staff worked with Subcommittee members to update the list of top priority unfunded bicycle and pedestrian projects in the region.

Staff worked with the consultant, the advisory committee, and the Montgomery County Office of Public Affairs to plan the Fall Street Smart campaign, particularly the Fall press event which was held on November 14th in Montgomery County. Staff helped gather information for and review the press materials. Staff responded to questions from the press and public regarding the campaign. Staff worked to close out final reporting and grant paperwork for the FY 2011 campaign.

F. Regional Bus Planning

The Regional Bus Subcommittee met in November and discussed Region Forward Coalition Activities, the Regional Role of Bus Transit, Regional Bus Transportation Performance Measurement, and the work program for 2012. members discussed the objectives of the RBS and how it matches their individual interests, as well as possible regional studies for FY13. In addition, TPB staff disseminated a process and forms for collection of bus projects data in preparation for further development of a regional bus project inventory, with collection planned for December and presentation of the data in January.

TPB staff also participated in an National Cooperative Highway Research Program (NCHRP) workshop on Performance Measurement for Bus Priority Corridors in the Maryland Suburban region. Participants from MDOT, SHA, WMATA, Montgomery and Prince George's Counties met with the consultants for this study to discuss the challenges and opportunities to combine multiple data sources from across the region to develop a plan for multi-modal evaluation and prioritization of projects on bus corridors. TPB staff facilitated the agenda and logistics for this meeting, as well as presenting and discussing regional transportation data.

G. Human Service Transportation Coordination

Nelson/Nygaard, the consultant chosen to conduct the Assessment of the TPB's Job Access Reverse Commute and New Freedom program and grants, continued work on the Assessment. Staff suggested additional revisions and refinements to the draft report and to the project templates. The Human Service Transportation Coordination Task Force will review the draft report at its December 8th meeting; the final report is expected by February 2012.

Staff prepared for the November 10 meeting of the Human Service Transportation Coordination Task Force. Staff prepared a handout on potential priority projects for the 2012 solicitation for Task Force discussion. Staff also prepared a short survey to gather feedback on unmet needs and potential priority projects; the survey was developed using Survey Monkey and distributed through the Task Force and the Access for All Advisory Committee to human service agencies and consumers in the region. A summary of Task

Force comments on the draft report and recommendations was prepared and forwarded to the consultant.

Staff also participated in an Advisory Panel with the National Center on Senior Transportation to develop content for an online dialogue around planning for the transportation needs of older adults.

H. Freight Planning

- Staff organized the Freight Subcommittee meeting on “Green Goods Movement of the Future” that was held November 10, 2011.
- Staff also participated in the ongoing Regional Transportation Priorities Plan (RTPP) work, including assistance in preparing PowerPoint and handout/mail out materials for the TPB Technical Committee (November 4, 2011) and TPB (November 16, 2011).
- During November, staff participated in the following:
 - the NCFRP webinar conducted by ICF Consulting titled “Promoting Environmental Goals in Freight Transportation through Industry Benchmarking,”
 - the Council of Supply Chain Management Professionals Roundtable on RFID technology, and
 - the EPA sponsored Freight Sustainability Conference.

I. Metropolitan Area Transportation Operations Coordination Program Planning (MATOC)

The Metropolitan Area Transportation Operations Coordination (MATOC) Program is an operational partnership of the region's major transportation agencies, funded outside the UPWP, but with planning support provided by TPB staff. In November 2011, staff continued working with the University of Maryland and the Virginia Department of Transportation on developing a contract for FY 2012 activities.

Staff participated in the November 10 MATOC Operations Subcommittee Roadway and Transit Task Force joint meeting, and in a MATOC Steering Committee conference call (in lieu of the monthly meeting) on November 18. Staff also participated in a special November 29 MATOC workshops on coordination of transportation mobilization for snow events. Staff undertook extensive preparatory and follow-up activities for these meetings.

3. FORCASTING APPLICATIONS

A. Air Quality Conformity

2011 CLRP: Staff reran the emissions models to reflect recent model adjustments with respect to HOV travel in the Version 2.3 model. The TPB was briefed on the resulting changes during its November meeting during which the 2011 CLRP Air Quality Conformity analysis was approved. In November staff reviewed the comments received during the public comment period and prepared responses. The final Air Quality Conformity technical report was distributed to federal, state and local agencies and it was posted on the MWCOG/DTP website. In November COG/DEP staff forwarded to the consultation agencies and public advisory committees the meeting agenda and a summary memo regarding the monthly TPB meeting and air quality conformity consultation elements in accordance with TPB consultation procedures.

B. Mobile Emissions Analysis

Greenhouse Gas Emissions and Strategy Analysis: The TPB Technical Committee was briefed on current climate change activities which include ongoing work to estimate the impact of new fuel economy standards for light and heavy duty vehicles on the region's greenhouse gas emissions forecasts, and staff research into possible roles for the TPB in climate change adaptation planning. Additionally, staff participated in a peer exchange on the role of MPOs in climate change mitigation in St, Louis, MO; attended a meeting to provide input on an FHWA greenhouse gas analysis handbook that is being developed; and attended the first in a series of MPO Climate Change and Energy webinars.

In November COG/DEP staff performed the following:

- Continued the development of emission inventories for the PM_{2.5} Maintenance SIP submittal for years for 2002, 2007, 2017, and 2025;
- While the 2002 network development and travel demand analysis had been completed as part of the 2011 CLRP air quality conformity analyses, network development was needed for 2007 and 2017 forecast years;
- While the 2008 VIN databases were used for forecast years 2002 and 2007, the newly acquired 2011 VIN databases were used for the 2017 emissions inventories;
- Staff analyzed the 2011 VIN databases and extracted select data attributes, which are of broad interest, and developed presentations for the TPB Technical Committee, MWAQC TAC and the TPB for their November meetings;
- Coordinated with state air agencies on fuel, meteorology, I/M program, Stage II, early NLEV, and Cal-Lev II program inputs;

- Coordinated with DTP staff regarding preparing and presenting a comment letter from MWAQC addressed to TPB in the November TAC conference call on the conformity assessment for the 2011 CLRP & 2012-17 TIP;
- Kept up to date with MARAMA MOVES modeling activities as part of the photochemical modeling exercise for the new ozone and fine particle standards.

C. Regional Studies

Regional Transportation Priorities Plan

Briefings on the development of performance measures the Regional Transportation Priorities Plan (RTPP) were given to the Technical Committee on November 4 and the TPB on November 16. Staff identified an initial set of regional goals, performance measures, challenges and strategies for presentation to the Technical Committee and TPB in December. Staff also identified several proposed public outreach methods to obtain public feedback and comment on the performance measures and strategies.

CLRP Aspirations Scenario: Work began to update the CLRP Aspirations Scenario land use component for use with the Version 2.3 Travel Forecasting model. This work involves converting the base forecast for the current CLRP Aspirations land use assumptions to a new base forecast (from Version 7.2 to Version 8.0A), a new zone system (from 2191 zone to 3722 zones), and a new horizon year (from 2030 to 2040).

Support for COG's Region Forward

TPB staff participated in the Region Forward Coalition meeting on November 30.

Prepare Grant Applications for US DOT Grant Funding Programs

No work activity during the reporting period

D. Coordination Cooperative Forecasting & Transportation Planning

Staff responded to questions on the adopted Cooperative Forecasting Round 8.0A TAZ-level land activity forecasts.

Staff obtained Virginia Employment Commission (VEC) employment data for all Northern Virginia jurisdictions.

Staff conducted a webinar with the members Cooperative Forecasting Subcommittee to get a detailed report from each jurisdiction on the current

status and schedule for the Round 8.1 Update to the Cooperative Forecasts for their jurisdiction.

Staff provided the members Cooperative Forecasting Subcommittee with Census ACS data on the number of self-employed workers by place of work jurisdiction and a recommended methodology for estimating the number self-employed workers for the update of Round 8.1 employment totals.

Staff assisted Frederick County planning staff with an initial review of the available employment data sources for the update of Frederick County's Round 8.1 employment forecasts.

Staff assisted Fairfax County planning staff with a review of InfoUSA and VEC employment data for the update of Fairfax County's Round 8.1 employment forecasts.

4. DEVELOPMENT OF NETWORK / MODELS

A. Network Development

Staff worked on "cleaning" the transportation network geodatabase during November as part of the maintenance activities. The database refinement has necessitated updates to the editing software used in network development. Staff has submitted a draft report on highway and transit network files that were recently used in recent air quality work. The report is currently under internal review.

Maintenance updates to the base year transit network has continued during November.

B. GIS Technical Support.

Staff continued to monitor and manage the operational performance of the ArcGIS server.

Staff installed ArcSDE, Microsoft Silverlight, AND SQL Express on the GIS test server and created web map services for Regional Transportation Data Clearinghouse web map applications. Staff also created and edited sample web maps using the ArcGIS Flex viewer.

Staff reviewed proposed network database changes and made recommendations to the network/models development team on the new network database design.

Staff continued the collection and assembly of GIS parcel-level housing assessment data from local jurisdictions and the state of Maryland. Staff completed processing of the GIS data parcel-level housing assessment data

received from the District of Columbia and began processing of the housing assessment data obtained from Fairfax and Prince William Counties.

Staff participated in the NCR Data Needs and Resources Survey and Stakeholder Design Review meetings held on November 9th and 10th.

Staff coordinated with the consultant on the presentation to be given at the November 29th GIS Committee meeting on the Geospatial Data Exchange Project and participated in the discussions at the November 29th GIS Committee meeting.

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

C. Models Development

The TPB Version 2.3 Travel Model became the adopted model for the Metropolitan Washington Region on November 16, when the TPB adopted two resolutions related to the CLRP and the Air Quality Determination of the Plan.

Models development staff released updated versions of both the calibration report and user's guide, both dated November 18, 2011. At the Travel Forecasting Subcommittee (TFS) meeting on November 18, staff reviewed the modeling documentation and presented on the travel forecasting trends resulting from the model's first application by TPB staff. Staff also reviewed the plans for ongoing enhancements to the model that are envisioned for the next 12 months. Staff is currently focusing on ways to reduce excessive running times and investigating options for improving the existing Version 2.3 mode choice model.

Staff worked on creating a data transmittal package for agencies requesting the newly adopted Version 2.3 model. The model will, for the first time, be accessible to requesting parties via COG's FTP site. The package is expected to be completed by early December.

On November 21st, TPB staff convened with NVTC staff to consult on supporting the Transaction 2040 effort. Staff will be carrying on with modeling work initially undertaken by Cambridge Systematics via the Virginia technical services account funding.

AECOM, the consultant currently on retainer to COG to provide technical modeling assistance to staff, transmitted a memorandum on November 4 ("Task 4: Model Performance Enhancements") and included updated application

program (batch) files for staff to consider to reducing model execution times. This information is currently under review.

Models development staff fulfilled four technical data requests during November.

D. Software Support

During the Conformity model executions staff experienced numerous model failures and investigated the causes of the failures in an effort to find a solution.

5. **TRAVEL MONITORING**

A. Cordon Counts

Staff continued development of a draft scope of work on conducting BRAC-related traffic counts under this work item.

B. Congestion Monitoring and Analysis

Staff finalized the top ten congested locations, top ten congested corridors, and developed an executive summary which were incorporated in the draft report titled Traffic Quality on the Metropolitan Washington Area Freeway System. Staff prepared a power point presentation on the significant findings and presented the findings to the MOITS committee, Travel Forecasting Subcommittee at their November meetings.

Staff finalized the arterial travel time report and presented the findings to the Travel Forecasting Subcommittee at its November meeting. Staff is developing a paper on the future of the congestion monitoring program which would guide the development of the congestion monitoring program work program.

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

The consultant continued telephone recruitment and travel diary retrieval survey interviews with households randomly selected to participate in the fall wave of the Geographically-focused Household Travel Survey.

Staff reviewed the consultant's progress on the survey interviewing on a daily basis. By the end of November, the consultant had recruited 3,045 household to participate in the survey and obtained completed travel day survey interview from 2,061 of these households.

Staff responded to several questions received from survey participants about the survey and responded to several data requests for the 2007-2008 Household Travel Survey data files.

D. Regional Transportation Data Clearinghouse

Staff continued development of the prototype for the new web-based user interface to Transportation Data Clearinghouse databases.

Staff continued the update Regional Transportation Data Clearinghouse highway network databases with 2010 hourly count data received from DDOT, MDOT and VDOT.

6. **TECHNICAL ASSISTANCE**

A. **DISTRICT OF COLUMBIA**

1. Program Development, Data Requests & Miscellaneous Services

Staff reviewed the schedule and staffing for FY 2012 DDOT technical assistance projects and met with DDOT on the Truck and Bus Restriction Sign Inventory and the Ward 6 Parking Data Collection projects.

2. Traffic Counts

Staff reviewed additional 60 CY 2011 traffic counts submitted by the contractor and gave a status report to the members of the DDOT HPMS Coordinating Committee.

Staff identified the location of 72 ramp segments to be counted by DDOT contractors.

Staff provided traffic count data and documentation for DDOT's annual HPMS data review.

Staff prepared the draft agenda for the October HPMS Coordinating Committee meeting, participated in this meeting and drafted the meeting minutes.

3. Bicycle Counts

Staff performed several special bicycle counts at location specified by DDOT.

4. Curbside Data Collection

Staff continued development of the structured data collection plan for the Ward 6 Stadium.

5. Multimodal Coordination for Bus Priority Hot Spots

The contractor, Parsons Brinckerhoff Americas, Inc., completed collection and began integration of data on speeds and bus volumes on the regional bus network. A briefing was delivered to the November meeting of the Management, Operations, and Intelligent Transportation Systems (MOITS) Technical Subcommittee to obtain comment from traffic and highway stakeholders on the purpose and scope of work of the study.

6. Truck and Bus Restriction Sign Survey – Phase 1

Staff completed the revised scope of work for this project and began the collection of Truck and Bus Restriction sign data.

B. MARYLAND

1. Program Development /Management

No work activity during the reporting period.

2. Project Planning Studies

In response to a request from MD SHA, staff worked with SHA staff to obtain a set of 2010 counts for the ICC Study area. Staff has begun examining the overall count coverage based on the MD SHA data. Staff attended a Purple Line Open House in Silver Spring and received project team updates and news in regards to the study.

3. Feasibility/Special Studies

In response to a request from MD SHA related to the Veirs Mill Road Study, staff continued working on preparing and formatting the observed data based on the 2007/ 2008 Household Travel Survey.

4. Transportation Performance Measures

No work activity during the reporting period.

5. Training/Miscellaneous Technical Support

No work activity during the reporting period.

6. Statewide Transportation Model Support

Staff continued examining and testing the Maryland Statewide Travel Demand Model. Staff documented and presented draft research findings to MD SHA at the November staff coordination meeting. The two

memoranda that were presented to SHA staff provided the overall big picture recommendations for the future direction of model development and assessed how the model responded in a sensitivity analysis setting.

7. Transportation / Land Use Connections Program

As part of the Transportation/Land-Use Connections Program (1.H. above), four technical assistance projects in Maryland are being fully or partially funded under this PE number. See 1.H. above for further details about the TLC Program.

8. Multimodal Coordination for Bus Priority Hot Spots

The contractor, Parsons Brinckerhoff Americas, Inc., completed collection and began integration of data on speeds and bus volumes on the regional bus network. A briefing was delivered to the November meeting of the Management, Operations, And Intelligent Transportation Systems (MOITS) Technical Subcommittee to obtain comment from traffic and highway stakeholders on the purpose and scope of work of the study.

9. Other Tasks yet to be Defined

No work activity during the reporting period.

C. VIRGINIA

1. Program Development

Staff continued refinement of additional work scopes for technical assistance.

2. Northern Virginia HOV Facilities Monitoring and Data Collection

No work activity during the reporting period.

3. Travel Demand Modeling

Staff conducted a teleconference with VDOT staff, NVTA local technical representatives, and NVTA consultants to discuss travel forecasting modeling support for TransAction 2040, and then began performing the requested work.

4. Regional Survey – Analysis and Report

Staff continued reviewing processing requirements for analyzing data at the VDOT “JRS” level of geography.

5. Travel Demand Management and Non-Motorized Travel

Staff coordinated with VDOT staff and Miovision representatives to specify count processing requirements, and then prepared video files and transmitted them to Moivision for processing.

6. Regional and Sub-Regional Studies

Staff attended the I-66 Multimodal Study PARC meeting and reviewed the project draft interim report and provided comments to VDOT’s consultant.

7. Other Tasks Yet to be Defined

No work activity during the reporting period.

8. Multimodal Coordination for Bus Priority Hot Spots

The contractor, Parsons Brinckerhoff Americas, Inc., completed collection and began integration of data on speeds and bus volumes on the regional bus network. A briefing was delivered to the November meeting of the Management, Operations, And Intelligent Transportation Systems (MOITS) Technical Subcommittee to obtain comment from traffic and highway stakeholders on the purpose and scope of work of the study.

D. WMATA

1. Program Development

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

2. Miscellaneous Services

No work activity during the reporting period.

3. Multimodal Coordination for Bus Priority Hot Spots

The contractor, Parsons Brinckerhoff Americas, Inc., completed collection and began integration of data on speeds and bus volumes on the regional bus network. A briefing was delivered to the November

meeting of the Management, Operations, And Intelligent Transportation Systems (MOITS) Technical Subcommittee to obtain comment from traffic and highway stakeholders on the purpose and scope of work of the study.

4. Bus Passenger Counts in Support of the 2012 Central Employment Area Cordon Count

No work activity during the reporting period.

5. Metrorail Station Access Alternatives Study

A regional stakeholders meeting scheduled for November was postponed as analysis results continued to be reviewed by the consultants. Development of a benefit-cost analysis model was completed, and integrated with the results of travel models. A draft technical memo highlighting assumptions, cost and benefit calculation process, and the results of cost-benefit calculations is in preparation for delivery in December.

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

A. Ground Access Travel Time Study – Phase 2

Staff completed the draft ground access travel time report and presented it to the Aviation Technical Subcommittee at its regular meeting on November 17.

B. Update Ground Access Forecast – Phase 2

Staff began the assembly of data for the Phase 2 update of the ground access forecasts.

C. Ground Access Element Update – Phase 1

No work activity during the reporting period.

D. Conduct 2011 Regional Air Passenger Survey

Staff and consultants completed the distribution and data collection for the air passenger survey, which took place from November 2 to November 15. Resurveys for failed flights took place from November 16 to November 20.

E. Process 2011 Air Passenger Survey

No work activity during the reporting period.

8. **SERVICES/SPECIAL PROJECTS**

CONSULTANT SUPPORT

1. AECOM Technical Assistance – Travel Demand Model Development and Application - \$150,000.
2. Shapiro Transportation Consulting, LLC Travel Demand Model Applications and Related Technical Activity – 25,000.

**FY 2012 TRANSPORTATION PLANNING BOARD
COG/TPB BUDGET EXPENDITURE SUMMARY
FY-TO-DATE NOVEMBER 30, 2011**

	BUDGET TOTAL	FUNDS EXPENDEI	% FUNDS EXPENDED
1. PLAN SUPPORT			
A. Unified Planning Work Program (UPWP)	70,700.00	47,191.42	67%
B. Transportation Improvement Program (TIP)	240,600.00	117,374.91	49%
C. Constrained Long-Range Plan	588,400.00	147,764.50	25%
D. Financial Plan	64,000.00	16,428.11	26%
E. Public Participation	471,900.00	132,338.02	28%
F. Private Enterprise Participation	18,300.00	0.00	0%
G. Annual Report	80,100.00	12,793.77	16%
H. Transportation / Land Use Connection Program	395,000.00	41,606.70	11%
I. DTP Management	452,100.00	141,758.09	31%
SUBTOTAL	2,381,100.00	657,255.52	28%
2. COORDINATION PLANNING			
A. Congestion Management Process (CMP)	205,000.00	67,506.85	33%
B. Management, Operations & ITS Planning	340,300.00	95,208.31	28%
C. Emergency Preparedness Planning	75,400.00	13,082.95	17%
D. Transportation Safety Planning	125,000.00	68,875.15	55%
E. Bicycle and Pedestrian Program	108,700.00	45,894.90	42%
F. Regional Bus Planning	100,000.00	22,961.50	23%
G. Human Service Transportation Coordination Planning	134,828.00	36,136.93	27%
H. Freight Planning	150,000.00	56,748.08	38%
I. MATCO Program Planning & Support	120,000.00	12,873.10	11%
SUBTOTAL	1,359,228.00	419,287.76	31%
3. FORECASTING APPLICATIONS			
A. Air Quality Conformity	563,200.00	303,290.27	54%
B. Mobile Emissions Analysis	640,100.00	259,365.55	41%
C. Regional Studies	466,300.00	321,929.32	69%
D. Coord. Cooperative Forecasting & Trans Planning	806,800.00	280,483.30	35%
SUBTOTAL	2,476,400.00	1,165,068.43	47%
4. DEVELOPMENT OF NETWORKS AND MODELS			
A. Networks Development	769,700.00	274,151.39	36%
B. GIS Technical Support	548,800.00	149,498.10	27%
C. Models Development	1,076,176.00	364,382.87	34%
D. Software Support	178,900.00	81,955.44	46%
SUBTOTAL	2,573,576.00	869,987.81	34%
5. TRAVEL MONITORING			
A. Cordon Counts	250,800.00	10,734.44	4%
B. Congestion Monitoring and Analysis	350,000.00	149,029.56	43%
C. Travel Survey and Analysis			
Household Travel Survey	1,136,300.00	351,724.26	31%
D. Regional Transportation Clearinghouse	317,900.00	144,260.47	45%
SUBTOTAL	2,055,000.00	655,748.73	32%
SUBTOTAL CORE PROGRAM ITEMS 1-5	10,845,304.00	3,767,348.26	35%
6. TECHNICAL ASSISTANCE			
A. District of Columbia	396,593.00	97,535.30	25%
B. Maryland	1,042,951.00	63,994.54	6%
C. Virginia	777,689.00	92,276.45	12%
D. WMATA	280,283.00	77,332.86	28%
SUBTOTAL	2,497,516.00	331,139.17	
TPB GRAND TOTAL	13,342,820.00	4,098,487.41	31%

**FY 2012 TRANSPORTATION PLANNING BOARD
FINANCIAL STATUS OF TECHNICAL ASSISTANCE
FY-TO-DATE NOVEMBER 30, 2011
SUPPLEMENT 1**

	TOTAL		FTA/STA/LOC		PL FUNDS/LOC			
	BUDGET	EXPENDITURES	AUTHORIZED	BUDGET	EXPENDITURES	AUTHORIZED	BUDGET	EXPENDITURES
A. District of Columbia								
1. Program Development, Data Requests & Misc. Services	65,593	4,024.83	6,900	423	58,693	3,601.43		
2. Traffic Counts	200,000	40,803.92	21,039	4,292	178,961	36,511.54		
3. Bicycle Counts	56,000	3,113.64	5,891	328	50,109	2,786.10		
4. Curbside Data Collection	20,000	18,887.85	2,104	1,987	17,896	16,900.94		
5. Multimodal Coordination For Bus Priority Hot spots	30,000	15,502.76	3,156	1,631	26,844	13,871.94		
6. Truck and Bus Restriction Sign Survey-Phase 1	25,000	15,202.30	2,630	1,599	22,370	13,603.09		
SUBTOTAL	396,593	97,535.30	41,720	10,260	354,873	87,275.05		
B. Maryland								
1. Program Development/Management	30,000	7,269.48	3,156	765	26,844	6,504.77		
2. Project Planning Studies	200,000	23,221.66	21,039	2,443	178,961	20,778.86		
3. Feasibility/Specials Studies	200,000	6,161.49	21,039	648	178,961	5,513.33		
4. Transportation Performance Measures	211,000	3,790.79	22,196	399	188,804	3,392.02		
5. Training/Miscellaneous Technical Support	80,000	0.00	8,416	0	71,584	0.00		
6. Statewide Transportation Model Support	80,000	23,551.12	8,416	2,477	71,584	21,073.66		
7. Transportation/Land Use Connections Program	160,100	0.00	16,842	0	143,258	0.00		
8. Multimodal Coordination for Bus Priority Hot Spots	30,000	0.00	3,156	0	26,844	0.00		
9. Other Tasks yet to be defined	51,851	0.00	5,454	0	46,397	0.00		
SUBTOTAL	1,042,951	63,994.54	109,713	6,732	933,238	57,262.63		
C. Virginia								
1. Dat/Documentation processing	25,000	7,766.34	2,630	817	22,370	6,949.36		
2. Northern Virginia HOV Facilities Monitoring and Data Collection	269,489	0.00	28,349	0	241,140	0.00		
3. Travel demand Modeling	150,000	6,180.53	15,779	650	134,221	5,530.37		
4. Regional Survey -Analysis and Report	75,000	23,780.91	7,890	2,502	67,110	21,279.28		
5. Travel Demand Management and Non-Motorized Travel	75,000	40,787.64	7,890	4,291	67,110	36,496.97		
6. Regional and Sub-regional Studies	128,200	13,761.03	13,486	1,448	114,714	12,313.44		
7. Other Tasks to be Defined	25,000	0.00	2,630	0	22,370	0.00		
8. Multimodal Coordination for Bus Priority Hot spots	30,000	0.00	3,156	0	26,844	0.00		
SUBTOTAL	777,689	92,276.45	81,809	9,707	695,880	82,569.41		
D. WMATA								
1. Program Development	10,783	1,068.11	10,783	1,068	0	0.00		
2. Miscellaneous Services	8,500	0.00	8,500	0	0	0.00		
3. Multi-Modal Coordination for Bus Priority Hot Spot	126,000	48,563.82	126,000	48,564	0	0.00		
4. Bus Passenger Counts in Support of the 2012 Central Employment Area Cordon Coun	50,000	0.00	50,000	0	0	0.00		
5. Metrorail Station Access Alternatives Study	85,000	27,700.93	85,000	27,701	0	0.00		
SUBTOTAL	280,283	77,332.86	280,283	77,333	0.00	0.00		
GRAND TOTAL	2,497,518	331,139.15	513,525	104,032	1,983,991	227,107.10		