

# ***FY2006 TPB Work Program***

## ***Progress Report***



***November 2005***

Department of Transportation Planning

Metropolitan Washington Council of Governments

National Capital Region Transportation Planning Board (TPB)

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## PROGRAM HIGHLIGHTS

### I. PLANS, PROGRAMS & COORDINATION

#### A. Unified Planning Work Program

Work continued on monitoring the FY 2006 UPWP. Staff prepared a set of proposed amendments to the budgets and what work activities would be affected by the new planning requirements in the Safe, Accountable, Flexible, and Efficient Transportation Equity Act-A Legacy for Users (SAFETEA-LU). Briefings on the proposed amendments to the FY 2006 UPWP were presented at the November Technical Committee and TPB meetings. The TPB will be asked to approve these amendments at its December meeting.

#### B. Transportation Improvement Program

At the November 4 meeting, the Steering Committee approved an amendment to the FY 2005-2010 TIP as requested by VDOT.

The final versions of the FY 2006-2011 TIP and 2005 CLRP documentation, together with the air quality conformity analysis report, as approved by the TPB were submitted to FHWA and FTA for their review. Briefings on the draft Call for Projects Document and the schedule for the air quality conformity assessment for the 2006 CLRP and FY 2007-2012 TIP were presented at the November Technical Committee and TPB meetings. The TPB will be asked to approve the call for projects document at its December meeting.

#### C. Constrained Long-Range Transportation Plan (CLRP)

The final versions of the FY 2006-2011 TIP and 2005 CLRP documentation, together with the air quality conformity analysis report, as approved by the TPB were submitted to FHWA and FTA for their review.

Staff prepared a draft "solicitation document", renamed "Call for Projects" for the 2006 Constrained Long Range Plan (CLRP) and FY 2007-2012 Transportation Improvement Program (TIP) including a schedule for completing the Plan, TIP and air quality conformity assessment. The draft Call for Projects was presented at both the November Technical Committee and TPB meeting.

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A pamphlet describing the 2005 CLRP was created. The pamphlet includes information on the TPB, forecast travel and metropolitan growth, accessibility to jobs and includes maps of the major transit, high-occupancy vehicle and highway improvements.

D. Operations, Coordination/Emergency Preparedness

Staff continued work from previous fiscal years to support stakeholder discussion of options for strengthening regional emergency communications and coordination in the transportation sector, including discussions of a proposed regional transportation coordination program. These follow the recommendations of the Regional Emergency Evacuation Transportation Coordination (REETC) Annex of the Regional Emergency Coordination Plan<sup>SM</sup>. Staff provided background information and supported discussions of an Ad Hoc Steering Committee for Strengthening Regional Transportation Operations Coordination comprising DDOT, MDOT, VDOT, and WMATA. During November, the Ad Hoc Committee continued working with the U.S. Department of Transportation Volpe National Transportation Systems Center for expert support to development of a regional coordination program. The Ad Hoc group held a meeting on these issues on November 8, 2005 and a conference call on November 17. TPB staff worked with Volpe staff to support Ad Hoc committee discussions. In addition, staff participated in a series of detailed workshops with Volpe staff and senior operations personnel from DDOT, MDOT, VDOT, and WMATA, held on November 9, 10, and 30 to develop a mission needs statement and a concept of operations for a regional coordination program. Staff reviewed and provided comments on these materials before, during, and after the workshops.

The Management, Operations, and Intelligent Transportation Systems (MOITS) Policy and Technical Task Forces met on November 8. Staff briefed the Task Forces on the status of development of the regional transportation coordination program.

The Task Forces were updated on the proposal to reestablish a Regional Emergency Support Function #1 – Transportation Committee, under the family of regional public safety committees, separate from but continuing to be coordinated with the MOITS planning process and activities, under the newly developed Strategic Governance Structure for Homeland Security Planning in the National Capital Region. MOITS continued shepherding all emergency transportation planning work at least through the end of calendar year 2005. For this, staff presented information on the FY2006 Urban Area Security Initiative (UASI) process for submitting proposals for funding, and began supporting the process by which MOITS members could submit “Concept Papers” for funding proposals. Also, on November 30, staff participated in a project management training course in association with the FY2006 UASI process.

Also at the November 8 meeting, the Task Forces were briefed on the Application Inventory and Gap Analysis (AIGA) Project of the Homeland Security National Capital Region Interoperability Program. The goal from the region's Chief Information Officers (CIOs) was to provide a strongly defined process with which to share data within and across emergency support functions (ESFs), including transportation. This included voice interoperability across networks and data interoperability. Program staff contacted members of the MOITS Task Forces for data collection through a series of interviews, surveys and scenario workshops. Staff attended an interoperability workshop on November 17 to provide input to the process.

Staff continued work on supporting MOITS topic areas in operations, technology, and ITS Architecture. Staff continued working with information compiled on the Regional Traffic Signals Optimization Transportation Emissions Reduction Measure (TERM), and presented this information to the TPB on November 16. Staff prepared materials and took follow-up actions based on the TPB presentation to incorporate additional signals considerations in to the regional "Call for Projects" document for the update of the Constrained Long-Range Plan and Transportation Improvement Program.

On November 18 and 22, staff participated in meetings to update the District of Columbia's Emergency Transportation Annex of their District Response Plan.

On November 29, staff participated in a statewide meeting of the Maryland Emergency Management Agency on the topic of evacuation and protective actions planning.

E. Financial Plan

Work continued on the financial analysis for the 2006 update of the CLRP. The working group met on November 1 to report on the agency activities to forecast revenues and operation/preservation expenditures. A draft outline of the final report was also reviewed. Consultant staff gave a status report on the financial plan update to the Technical Committee on November 4 and to the TPB on November 16. The Board asked for a proposal to update the information in its 2004 "Time to Act" brochure that highlighted the region's near-term transportation financial needs.

F. Private Enterprise Participation

No staff activities during this reporting period.

G. Bicycle and Pedestrian Program

The Bicycle and Pedestrian Subcommittee of the Transportation Planning Board Technical Committee met on November 16. Kristin Haldeman of WMATA was appointed to serve as Chair starting in January 2006. Kristin will succeed Jim Sebastian of the District of Columbia.

The subcommittee reviewed the latest draft of the regional bicycle and pedestrian plan and database, and made several suggestions. The subcommittee received a presentation from Jim Sebastian on the Union Station Bike Station. TPB staff also briefed the subcommittee on the results of the 2005 Street Smart Pedestrian and Bicycle Campaign, and the funding and likely activities in 2005.

TPB staff revised the bicycle and pedestrian plan, and worked with TPB member jurisdiction staff to get project data entered into the on-line database.

TPB staff attended a one-day bicycle design workshop at the Maryland T2 Center.

H. Access to Jobs Planning

In response to the new requirement in SAFETEA—LU, staff prepared an amendment to this work activity to replace access to jobs planning with an activity to begin development of a human service transportation coordination plan. This new plan must be adopted by the TPB before July 2007.

I. Public Participation

The CAC's monthly meeting on November 14 included a discussion with Bill Womack from Congressman Davis' staff regarding the Congressman's proposed Metrorail Capital funding legislation. The committee received a briefing on improvements in the long-range plan for 2006 and also discussed the need for improved pedestrian/bicycle coordination at WMATA.

Contracts and task orders were signed with two organizations that will assist in conducting public involvement activities for the 2006 Constrained Long-Range Plan (CLRP). The two organizations—the Academy for Leadership Foundation and Fitzgerald & Halliday—were selected under a Request for Qualifications that was issued by the TPB in July 2005. The activities will include a Community Leadership Institute on transportation issues, website improvements and other improvements in accessibility to long-range plan information.

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Approximately 40 people attended the CAC's outreach meeting on November 16 in Takoma Park, Maryland. The meeting continued the series "What if the Washington Region Grew Differently?" which focuses on the TPB's Regional Mobility and Accessibility Study. TPB Vice Chairman Michael Knapp moderated the session and Takoma Park Mayor Kathy Porter and CAC Vice Chair Emmet Tydings offered introductory remarks. State Senator Ida Ruben was on hand to answer questions.

The meeting included lively discussions on:

- The housing shortfall in the region, and in Montgomery County in particular (the subject of the "More Households" scenario that would increase the number of households in the region by more than 200,000).
- Issues related to transit projects in the scenario study, including the status of the Purple Line.
- Aspects of transit-oriented development, including comments that TOD must be designed in a manner sensitive to local communities.

Staff wrote and distributed the "TPB News" newsletter. The mailing list includes more than 2,300 recipients.

### *Access for All Advisory Committee*

No activities during this reporting period.

#### J. Annual Report

No activity on the annual report in November.

#### K. DTP Management

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

- The DTP Director participated in the final meeting of the VDOT's advisory panel for the I95/395 HOT lane project.
- The DTP Director and senior DTP staff met with counterpart transportation staff at the Baltimore Metropolitan Council to discuss items of mutual interest, focusing particularly on household travel surveys for the two regions.

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*TPB Value Pricing Task Force*

No activity during the reporting period.

II. FORECASTING APPLICATIONS

A. Air Quality Conformity

Regarding the conformity assessment of the 2005 CLRP and FY2006-11 TIP with respect to PM2.5 directly emitted particles and precursor emissions, staff completed the technical work tasks contained in the work program, including all network and offline emissions calculations. After presenting initial results to the Technical Committee in November, staff drafted the technical report on the air quality conformity assessment and presented it to the TPB at its November 16<sup>th</sup> meeting, where it was released for 30 day public comment.

COG/DEP staff coordinated with the state air agencies to get Mobile 6 inputs for the PM2.5 conformity. Staff reviewed draft results of the PM2.5 conformity assessment and the results were discussed at the Technical Advisory Committee. Staff prepared draft comment letter on PM2.5 conformity assessment. Staff attended TPB Technical Committee meeting and the TPB meeting in November.

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 November TPB meeting and air quality conformity consultation elements.

B. Mobile Emissions Analysis

COG/DTP staff continued technical work activities and coordination with DEP staff relating to requirements for the 8-hour ozone standards and PM2.5 requirements. Staff participated in meetings of MWAQC's Executive Committee and its Technical Advisory Committee.

Staff completed work to analyze PM2.5 pollutants and emissions characteristics, develop Mobile6 inputs / outputs, and revise post-processor procedures for the conformity assessment of the 2005 CLRP and FY2006-11 TIP. This included consultant task order support for assistance in reflecting new inputs to the Mobile6.2 model, and in executing a revised technical approach to develop annual, instead of daily, mobile source emissions. Staff completed quality assurance of these new technical procedures for PM2.5 for application in the air quality conformity assessment described above.

Staff distributed a memo to the TPB Technical Committee requesting a review of conformity project input completion dates in preparation for coding a 2009 network for use in developing an 8-hour SIP. Staff received comments from VDOT, MDOT, and DDOT, and made the appropriate changes to the project list. Staff began coding the 2009 highway and transit networks.

Staff developed vehicle age distribution data by 16 vehicle types, and diesel sales fraction for the 16 vehicle types for model year 2005 using the VIN decoder software and 2005 registration data provided by the state air agencies. These are the end products of the registration files and staff has drafted a process to develop the necessary input files to the Mobile 6 model. These input files were used in the Mobile 6.2 model to develop VMT distribution by 28 vehicle types for Loudoun County, and were compared with a similar VMT distribution developed using the 2002 vehicle registration data. Documentation of the work is underway and is expected to be completed in December 2005.

Staff finalized the TERM analysis instructions which were included as an appendix in the "Call for Projects" document. This document will be presented to the TPB Technical Committee at its December meeting. Staff developed PM2.5 emissions rates for all the analysis years (2010, 2020, and 2030) and completed off line PM2.5 emissions estimation for inclusion in the conformity document.

The Travel Management Subcommittee met on November 22, 2005, and discussed: the PM2.5 conformity assessment, and the TERMS Tracking Sheet component of that work; the TERMS section of the 'Call for Projects' for the 2006 CLRP; and the status of the ongoing VIN decoder work.

#### C. Regional Studies

Staff completed the travel demand modeling for the "More Jobs in Outer Areas" scenario and prepared a presentation summarizing the modeling results.

Staff continued network coding of the transit facilities assumed for the "Region Undivided" land use scenario.

#### D. Coordination of Cooperative Forecasting & Transportation Planning

Staff continued to work with the Planning Directors Technical Advisory Committee on the update of Regional Activity Centers and Clusters.

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### III. DEVELOPMENT OF NETWORKS AND MODELS

#### A. Network Development

Work continued to contact transit providers as part of an update of transit schedules for the fall, which will be used in the next round of TIP / CLRP conformity networks. WMATA and Montgomery County are in the process of providing electronic bus timetable files. As of the end of November, WMATA had just submitted files, and staff is now processing this information for inclusion in the updated schedules for networks being developed in the next round of TIP/CLRP conformity networks. All data processing for Montgomery County Ride-On service has been completed.

#### B. GIS Technical Support

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

Staff continued implementation of the updated spatial dataset library and accompanying metadata.

The GIS subcommittee on Data met on November 7<sup>th</sup> to continue discussions on the draft data sharing agreement and a minimum essential data set to be shared among local jurisdictions.

The GIS Technical subcommittee met on November 7<sup>th</sup> to discuss activating ESRI Web Mapping (WMS), Web Feature (WFS) and Metadata Services.

Staff coordinated training on the Information Exchange Model (JIEM) for the NCR Data Exchange Hub (DEH) project.

Staff worked with the GIS Committee Executive Committee to discuss upcoming meetings and the Committee's work program for the next several months.

#### C. Models Development

Staff is continuing the effort to implement a nested logit mode choice model as part of the TPB travel demand model set. It will be implemented for the four trip purposes used in the Version 2.ID#50 model. Effort is being made on three fronts: 1) installing AEMS mode choice and supporting network building routines; 2) developing calibration files from 1994, 2000, and 2002 travel surveys; and 3) implementing transit network coding convention changes, initially for the above years.

Staff continued processing the 2003 External Truck Survey for use in updating the TPB truck models. Staff also continued preparing data to update the demographic models with 2000 CTPP information. Work on a revised set of external and through trip tables has begun, as has work on a revised set of airport access trips based on the 2000 Air Passenger Survey.

D. Software Support

Staff is supporting the development and execution of the DTP travel demand model using the TP+/Viper software and the Mobile 6.2 Mobile Source Emissions Factor Model in Air Quality Conformity and SIP development. Staff support includes training in application of TP+/Viper and Mobile 6.2 and maintenance of current documentation and user guides for both models. Staff is also monitoring the performance of DTP desktop and laptop hardware and software and the operation of the DTP plotters in coordination with the COG Office of Technical Programs and Services (OTPS) as appropriate.

IV. TRAVEL MONITORING

A. Cordon Counts

An updated draft report, including an appendix, documenting the results of the regional HOV monitoring project conducted in Spring 2004 was presented to the Commuter Connections Subcommittee at the November meeting. Work is nearing completion on geo-coding of the 2003 External Truck Survey.

B. Congestion Monitoring and Analysis

A presentation on the FY 2005 aerial survey findings was prepared and given to the Travel Forecasting Subcommittee and the TPB Technical Committee.

C. Travel Surveys and Analysis

1. Household Travel Survey

Staff briefed the Travel Forecasting Subcommittee of the TPB Technical Committee on the design of a large sample, methodologically enhanced, activity-based household travel survey for the TPB modeled region.

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A coordination meeting with Baltimore Metropolitan Council (BMC) staff was held on November 22, 2005 to discuss COG/TPB and BMC travel survey plans in FY 2006 and FY 2007.

2. Regional Travel Trends Report

No staff activities to report.

D. Regional Transportation Data Clearinghouse

Staff began the update of traffic volume data for Maryland highway network links in the Clearinghouse.

Staff continued the planning for this year's update of the Clearinghouse.

V. TECHNICAL ASSISTANCE

A. District of Columbia

Program Development, Data Requests and Miscellaneous Services

No staff activities to report.

Machine Traffic Counts

The final review of the Spring 2005 HPMS counts was completed and forwarded to the District of Columbia Department of Transportation.

Verification and Compliance of HPMS Sections in current Street Centerline File with Field Manual Standards

No staff activities during this reporting period.

Highway Performance Monitoring System (HPMS)

No staff activities during this reporting period.

B. Maryland

Program Development

Staff continued coordination with MDOT and MD SHA staff regarding FY2006 work program activities.

Miscellaneous Services

Staff participated in a travel demand modeling work session held at COG to discuss ongoing work activities being performed at COG and by consultants to refine the Version2.1D model, particularly the mode choice components.

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.

Subregional Studies

Capital Beltway Corridor Transportation Study

Project planning activities at COG have not yet been initiated in FY2006.

I-270 & US 15 Multi-Modal Corridor Study

Staff received travel demand inputs and outputs from MD SHA consultants for 2000 Validation and 2030 No Build and began processing inputs/outputs for quality assurance.

Intercounty Connector Study

Staff developed GIS plots for the ICC corridor showing Round 6.3, 6.4A and Round 7 land use assumptions and differences.

Bi-County Transitway Study

Project planning activities at COG have not yet been initiated in FY2006.

C. Virginia Technical Assistance

Program Development

There was no activity to report in November.

Miscellaneous Services

Per request, staff summarized and delivered additional 2010 and 2030 travel demand forecasting data from 2005 CLRP to VDOT staff.

I-95 / I-395 HOT Lane Project

Staff completed quality assurance work on this project, evaluating model runs / traffic movements.

Northern Virginia HOV Facilities Monitoring and Data Collection

Field data collection was completed in November. Work is continuing on travel time runs, which will be completed in December.

I-66 Feasibility Study Supplemental Data Collection

There was no activity to report in November.

Enhanced Commuter Corridor Count Program

There was no activity to report in November.

D. WMATA

Program Development

No activity during the reporting period.

Miscellaneous Services

No activity during the reporting period.

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Demand Responsive Study

During the month of October, recommendations were finalized for the last two focus areas of the Demand Responsive Study: Coordination of Specialized Services and MetroAccess System Design, Management and Operations. Staff prepared for a study steering committee meeting on November 17, 2005. At the meeting, committee members prioritized the fifteen study recommendations. Staff developed a questionnaire for a human service agency survey on transportation gaps, needs and potential coordination opportunities. Staff worked with TranSystems Corporation to conduct the survey.

VII. CONTINUOUS AIRPORT SYSTEM PLANNING (CASP) PROGRAM

A. CASP 19

This grant was closed out in July 2005.

B. CASP 20

This grant was closed out in November 2004.

B. Conduct 2005 Regional Air Passenger Survey

This project was completed in April 2005.

D. CASP 21

a. Process Regional Air Passenger Survey

Staff completed editing the survey data, assigning resident/non-resident status codes to the trip records, factoring of the survey data, data tabulation and analysis. The draft summary of findings from the 2005 Air Passenger Survey was presented to the Aviation Technical Subcommittee for their review and comments at the November meeting. Staff also continued geocoding the survey trip origin data to transportation analysis zones.

b. Ground Access Element Update

Staff completed a detailed work plan, draft report outline and schedule for updating the Regional Airport System Plan Ground Access Element. The items

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were presented to the Aviation Technical Subcommittee for their review and comments at the November meeting.

The **Aviation Technical Subcommittee** met Thursday, November 17<sup>th</sup>. Agenda items included:

- Update on CONAANDA Activities
- Presentation of summary of findings for the 2005 Regional Air Passenger Survey
- Presentation of detailed work program and project schedule for the Ground Access Element Update
- Update on CASP XXIII Grant Application
- Roundtable Discussion on Regional Airport, Airline and Aviation Industry News

### **Consultant Support**

*SKYCOMP – Aerial survey of the limited access highway system - \$ 110,000 – ongoing*

*Cambridge Systematics, Inc. – 2006 CLRP Financial Analysis - \$65,000 – ongoing*

*Academy for Leadership Foundation – Public Involvement \$50,000 – ongoing*

*Fitzgerald and Halliday, Inc. – Public Involvement \$50,000 - ongoing*

**FY 2006 TRANSPORTATION PLANNING BOARD  
COG/TPB BUDGET EXPENDITURE SUMMARY  
FY-TO-DATE NOVEMBER 30, 2005**

	BUDGET TOTAL	FUNDS EXPENDED	% FUNDS EXPENDED
<b>I. PLANS, PROGRAMS AND COORDINATION</b>			
A. Unified Planning Work Program (UPWP)	68,000.00	38,512.30	57%
B. Transportation Improvement Program (TIP)	145,800.00	88,495.56	61%
C. Constrained Long-Range Plan	389,900.00	172,768.95	44%
D. Operations, Coordination/Emergency Preparedness	348,900.00	177,247.44	51%
E. Financial Plan	102,300.00	33,825.88	33%
F. Private Enterprise Participation	17,600.00	5,815.75	33%
G. Bicycle and Pedestrian Program	62,000.00	40,238.64	65%
H. Access to Jobs Planning	51,000.00	8,269.85	16%
I. Public Participation	171,300.00	57,158.64	33%
J. Annual Report	77,000.00	12,384.06	16%
K. DTP Management	434,500.00	145,786.93	34%
<b>SUBTOTAL</b>	<b>1,868,300.00</b>	<b>780,504.00</b>	<b>42%</b>
<b>II. FORECASTING APPLICATIONS</b>			
A. Air Quality Conformity	361,100.00	218,313.37	60%
B. Mobile Emissions Analysis	402,200.00	265,327.74	66%
C. Regional Studies	404,500.00	164,795.16	41%
D. Coord. Cooperative Forecasting & Trans Planning	355,400.00	77,385.03	22%
<b>SUBTOTAL</b>	<b>1,523,200.00</b>	<b>725,821.30</b>	<b>48%</b>
<b>III. DEVELOPMENT OF NETWORKS AND MODELS</b>			
A. Networks Development	627,500.00	169,256.11	27%
B. GIS Technical Support	444,400.00	137,677.02	31%
C. Models Development	649,000.00	310,469.42	48%
D. Software Support	122,200.00	65,514.64	54%
<b>SUBTOTAL</b>	<b>1,843,100.00</b>	<b>682,917.18</b>	<b>37%</b>

**FY 2006 TRANSPORTATION PLANNING BOARD  
COG/TPB BUDGET EXPENDITURE SUMMARY**

FY-TO-DATE NOVEMBER 30, 2005

	BUDGET TOTAL	FUNDS EXPENDED	% FUNDS EXPENDED
<b>IV. TRAVEL MONITORING</b>			
A. Cordon Counts	367,500.00	116,592.46	32%
B. Congestion Monitoring and Analysis	401,100.00	143,274.22	36%
C. Travel Survey and Analysis Household Travel Survey	50,700.00	6,215.43	12%
Regional Travel Trends Report	144,400.00	0.00	0%
D. Regional Transportation Data Clearinghouse	122,500.00	51,638.71	42%
<b>SUBTOTAL</b>	<b>1,086,200.00</b>	<b>317,720.81</b>	<b>29%</b>
<b>SUBTOTAL CORE PROGRAM ITEMS I-IV</b>			
	<b>6,320,800.00</b>	<b>2,506,963.29</b>	<b>40%</b>
<b>V. TECHNICAL ASSISTANCE</b>			
A. District of Columbia	206,600.00	5,331.38	3%
B. Maryland	398,200.00	42,717.31	11%
C. Virginia	466,000.00	271,019.74	58%
D. WMATA	181,800.00	54,504.44	30%
<b>SUBTOTAL</b>	<b>1,252,600.00</b>	<b>373,572.87</b>	
<b>TPB GRAND TOTAL</b>	<b>7,573,400.00</b>	<b>2,880,536.16</b>	<b>38%</b>

**FY 2006 TRANSPORTATION PLANNING BOARD  
FINANCIAL STATUS OF TECHNICAL ASSISTANCE  
FY-TO-DATE NOVEMBER 30, 2005  
SUPPLEMENT 1**

	COST CODES	TOTAL		FTA/STA/LOC		PL FUNDS/LOC	
		AUTHORIZED BUDGET	EXPENDITURES	AUTHORIZED BUDGET	EXPENDITURES	AUTHORIZED BUDGET	EXPENDITURES
<b>A. District of Columbia</b>							
1. Program Development	040	18,600.00	2,965.34	2,303.00	367.16	16,297.00	2,598.18
2. Verification & Compliance of HPMS Sections	041	20,000.00	320.96	2,477.00	39.75	17,523.00	281.21
3. Highway Performance Monitoring System (HPMS)	042	168,000.00	2,045.07	20,805.00	253.26	147,195.00	1,791.82
<b>SUBTOTAL</b>		<b>206,600.00</b>	<b>5,331.38</b>	<b>25,585.00</b>	<b>660.17</b>	<b>181,015.00</b>	<b>4,671.21</b>
<b>B. Maryland</b>							
1. Program Development/Management	060	20,000.00	10,899.10	2,477.00	1,349.85	17,523.00	9,549.25
2. Miscellaneous Services	061	38,200.00	4,941.37	4,731.00	611.98	33,469.00	4,329.39
3. MDOT Training/Technical Support	062	25,000.00	3,147.61	3,096.00	389.80	21,904.00	2,757.81
4. Capital Beltway Corridor Transportation Study	063	50,000.00	1.25	6,192.00	0.15	43,808.00	1.10
5. I - 270 & US 15 Multi-Model Corridor Study	064	60,000.00	8,107.24	7,430.00	1,003.95	52,570.00	7,103.29
6. Intercounty Connector Study (ICC)	065	50,000.00	15,620.72	6,192.00	1,934.47	43,808.00	13,686.26
7. Bi-County Transitway Study	066	55,000.00	0.00	6,811.00	0.00	48,189.00	0.00
8. MD 5 Express Toll Lane Study	067	50,000.00	0.00	6,192.00	0.00	43,808.00	0.00
9. U S 301 Corridor Study	068	50,000.00	0.00	6,192.00	0.00	43,808.00	0.00
<b>SUBTOTAL</b>		<b>398,200.00</b>	<b>42,717.31</b>	<b>49,313.00</b>	<b>5,290.21</b>	<b>348,887.00</b>	<b>37,427.10</b>
<b>C. Virginia</b>							
1. Program Development	080	10,000.00	70.79	1,238.00	8.76	8,762.00	62.03
2. Miscellaneous Services	081	14,000.00	7,314.21	1,734.00	905.92	12,266.00	6,408.29
3. N. Va. HOV Facilities Monitoring & Data Collection	082	260,000.00	166,413.35	32,198.00	20,608.37	227,802.00	145,804.97
4. Hot Lanes I-95/395 Corridor	083	95,000.00	77,450.92	11,761.00	9,588.42	83,239.00	67,862.49
5. I-66 Feasibility Study Supplemental Data Collection	084	20,000.00	0.00	2,477.00	0.00	17,523.00	0.00
6. Enhanced Commuter Corridor Count Program	085	67,000.00	19,770.48	8,297.00	2,448.29	58,703.00	17,322.19
<b>SUBTOTAL</b>		<b>466,000.00</b>	<b>271,019.74</b>	<b>57,705.00</b>	<b>33,559.77</b>	<b>408,295.00</b>	<b>237,459.97</b>
<b>D. WMATA</b>							
1. Program Development	100	10,000.00	3,069.08	10,000.00	3,069.08	0.00	0.00
2. Miscellaneous Services	101	21,800.00	324.99	21,800.00	324.99	0.00	0.00
3. Study on Improving Regional Svcs for People with Disabilities	102	70,000.00	51,110.37	70,000.00	51,110.37	0.00	0.00
4. Develop Strategic Plan for Enterprise-Wide GIS	103	80,000.00	0.00	80,000.00	0.00	0.00	0.00
<b>SUBTOTAL</b>		<b>181,800.00</b>	<b>54,504.44</b>	<b>181,800.00</b>	<b>54,504.44</b>	<b>0.00</b>	<b>0.00</b>
<b>TOTAL</b>		<b>1,252,600.00</b>	<b>373,572.87</b>	<b>314,403.00</b>	<b>94,014.59</b>	<b>938,197.00</b>	<b>279,558.28</b>