

# *FY2005 TPB Work Program*

## *Progress Report*



*March 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 2005 Unified Planning Work Program (UPWP). Amendments to FY 2005 UPWP were approved by the TPB at its March 16 meeting to reflect changes to the Virginia and Washington Metropolitan Area Transit Authority (WMATA) Technical Assistance Programs. The final draft of the FY 2006 UPWP was presented to the Technical Committee and the TPB in March and it was approved by the TPB on March 16. The FY 2006 UPWP will be submitted to FTA and FHWA in April for review and approval.

#### B. Transportation Improvement Program

At the March 4 meeting, the Steering Committee approved amendments to the FY 2004-2009 and the FY 2005-2010 TIPs to change or modify funding for three projects as requested by VDOT.

At the March 4 meeting, the Technical Committee was briefed on the project submissions for the 2005 CLRP and the FY 2006-2011 TIP. At the March 16 meeting, the Board was briefed additional information on the submissions. The Board decided that the public comment period should be extended by releasing the updated project submission information at the the March 16 meeting. The extended public comment period will end on April 20. The Board will be asked to approve the projects for inclusion in the air quality conformity analysis for the 2005 CLRP and the FY 2006-2011 TIP at its April 20 meeting.

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

At the March 4 meeting, the Technical Committee was briefed on the project submissions for the 2005 CLRP and the FY 2006-2011 TIP. At the March 16 meeting, the Board was briefed additional information on the submissions. The Board decided that the public comment period should be extended by releasing the updated project submission information at the the March 16 meeting. The extended public comment period will end on April 20. The Board will be asked to approve the projects for

inclusion in the air quality conformity analysis for the 2005 CLRP and the FY 2006-2011 TIP at its April 20 meeting.

Staff developed a proposal for a grant from the FHWA Value Pricing Pilot Project. The proposal was for a regional study of variably- priced lanes that would build upon the pricing scenario to be examined in the Regional Mobility and Accessibility Study. The proposal was reviewed by the Steering Committee and submitted to FHWA on March 15. Staff also reviewed the provisions for value pricing in the Senate and House transportation reauthorization bills.

At the March TPB Technical Committee meeting, staff made two presentations related to this program element: 1) the accessibility analysis and potential impacts on low-income, minority and disabled populations from the 2004 Constrained Long Range Plan (CLRP); and 2) maps showing the spatial relationship between the proposed projects for 2005 amendments to the CLRP and the regional activity centers.

D. Operations, Coordination/Emergency Preparedness

*Management and operations activities*

The Management, Operations, and Intelligent Transportation Systems (MOITS) Policy and Technical Task Forces held a joint meeting on March 8, 2005.

The Task Forces were briefed on, and staff continued work on, coordination with the Virginia Department of Transportation and its contractor PBS&J Inc. on "511" traveler information issues, focusing on the topic the potential structure of a metropolitan 511 service and its relationship to development of a regional "CapCom" transportation coordination program and entity. The Task Forces were also briefed on recent discussions by state transportation agency representatives on the status and proposed governance of CapCom.

The Task Forces also were briefed on the status of regional ITS architecture development at a special architecture work session immediately following the MOITS Task Forces meeting on March 8. The session enabled stakeholder feedback on draft architecture components. In addition to the March 8 MOITS session, staff held one-on-one work sessions with Washington Metropolitan Area Transit Authority staff on March 3, with Maryland Department of Transportation and University of Maryland staff and consultants on March 29, and with District of Columbia Department of Transportation staff and consultants on March 31. Staff continued work on major components of the draft regional ITS architecture throughout the month, and posted them on COG's Web site for the review and comment of stakeholders. This was in preparation for components to be

available in complete draft form by the April 8, 2005 federal deadline for regional ITS architectures.

Staff attended an Institute of Transportation Engineers special conference on transportation management and operations February 28-March 2, 2005, in Las Vegas, Nevada, exchanging information on efforts nationwide to better incorporate operations considerations into transportation planning processes, as well as to better coordinate operations in regions.

Staff participated in an expert panel discussion as part of a study by George Mason University on ITS impacts for freight movement and logistics in the region, in Arlington, Virginia on March 29.

#### *Emergency Transportation coordination Planning Activities*

Staff continued work, begun in FY2004, to support stakeholder discussion of options for strengthening regional emergency communications and coordination in the transportation sector. These follow the recommendations of the revised Regional Emergency Evacuation Transportation Coordination (REETC) Annex of the Regional Emergency Coordination Plan<sup>SM</sup>.

Staff briefed the MOITS Task Forces on March 8 on the proposals developed for consideration for FY2005 Urban Area Security Initiative (UASI) Homeland Security funding. Three projects were submitted under the transportation category. They were submitted by applicants by a March 1 deadline for review by the COG Chief Administrative Officers (CAO) Committee on March 22, after screening the National Capital Region Executive Interoperability Committee on March 7, and by the CAO Homeland Security Executive Committee on March 11. CAO recommendations were then to go to the tri-state Senior Policy Group for Homeland Security for a final funding decision in April. The three transportation project applications submitted were: CapCom, submitted by the University of Maryland; a study of relocation of rail in the Washington region being submitted by DDOT and the National Capital Planning Commission (NCPC); and fiber-optic components of the larger proposal to create a full WMATA back-up control center.

Staff worked with University of Maryland staff and MOITS representatives on additional issues regarding formation of a CapCom program for the region, supporting presentation of this information to the TPB on March 16.

Staff attended the meeting of the National Capital Region Emergency Preparedness Council on March 3. Staff also attended an ad hoc meeting among state department of transportation representatives on March 18 to discuss the Regional Integrated Transportation Information System (RITIS), and its proposed deployment at the University of Maryland Center for Advanced Transportation Technology. Additionally, staff participated in a conference call of the Regional Transit Operators Emergency Preparedness Task Force on March 23.

E. Financial Plan

In preparation for developing the new financial analysis for the 2006 update of the CLRP, staff developed a draft RFP to obtain consultant assistance to conduct this analysis in FY 2006. The draft RFP will be presented to the Technical Committee in April.

F. Private Enterprise Participation

Staff completed planning for the 16<sup>th</sup> Annual Public Transit Forum which is sponsored by the TPB Private Provider Task Force. The forum is scheduled for May 24.

G. Bicycle and Pedestrian Program

Staff Activities:

- Presented to the TPB Technical Committee on the Street Smart Program and Pedestrian Safety in the Washington Region
- Attended a grantee seminar workshop at the Maryland Office of Highway Safety
- Prepared agenda, hand-outs, took minutes for the Bicycle and Pedestrian Subcommittee meeting
- On the direction of the TPB Technical Committee gathered further information on pedestrian safety in the Washington region, prepared a memo which was given to the TPB as an information item.
- Met with Design House to discuss the 2005 Street Smart campaign
- Coordinated the signing of agreements for the Street Smart campaign, completed an application to VDOT for funding for Street Smart in FY 2006
- Met with Andrew Austin to discuss the Bicycle and Pedestrian Project database

H. Access to Jobs Planning

COG/HSPPS staff performed the following tasks in March 2005:

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- Staff reviewed *Specialized Transportation Programs in the WMATA Region* report to learn more about regional coordination of paratransit and demand responsive transportation.
  - Researched best practices from around the country in paratransit and demand responsive transportation.
  - Identified key agencies and programs involved in providing specialized transportation services in the region. Created list of possible participants in special steering committee.

#### I. Public Participation

The CAC held its regular monthly meeting on March 10. TPB Chairman Phil Mendelson attended the meeting to discuss his priorities for the year. The committee also held a brainstorming session. Through that session, CAC members determined their priorities for the year would be: 1) the land use/transportation connection; 2) emergency preparedness; and 3) improving information and analysis associated with the Constrained Long-Range Plan.

The public comment period was extended to April 16 for the project submissions for the 2005 CLRP, the FY2006-2011 TIP, the FY2006 UPWP and the scope of work for this year's air quality conformity assessment. Information on these items was posted on the TPB website and in the TPB News.

Staff wrote and distributed the "TPB News" newsletter.

#### *Access for All Advisory Committee*

During the month of March, staff prepared for two AFA meetings. The full committee met on March 31 and reviewed the draft amendments to the CLRP. Staff prepared the materials for the plan review and drafted the AFA comments on the plan for the TPB.

A subcommittee on transportation needs for low-income populations met on March 9 and staff prepared background materials. A brainstorming discussion was facilitated on transportation barriers and strategies. Additional information on low-income definitions, car sharing, bicycle injuries and fatalities was gathered. Staff summarized the barriers and strategies and created a table with four categories to better describe the strategies.

Staff developed an article on the "Disability Awareness Day" on October 20, 2004 for the April newsletter of Easter Seals Project ACTION.

J. Annual Report

Staff finalized draft text for the 2004 annual report. Design of the annual report began.

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 a panel discussion of the reauthorization of the federal surface transportation legislation at the annual AASHTO Policy Conference.
- The DTP Director and other senior DTP staff met with representatives of Macquarie Securities, Inc. to discuss the TPB modeling process and its application to toll facilities.

*TPB Value Pricing Task Force*

No activity during the reporting period.

II. FORECASTING APPLICATIONS

A. Air Quality Conformity

Regarding project submissions and the air quality conformity work scope for the 2005 CLRP and FY2006-11 TIP, staff received comments, responded to comments (which included making a revision to the scope), and provided a briefing to TPB. The Board extended the public comment period for the work scope and project submissions for another 30 days.

Staff updated and tracked changes in the conformity table to reflect technical corrections provided by the states and local jurisdictions. The table with the technical corrections was posted to the website so that the most accurate table was available for public review. Staff presented the workscope and the significant changes table to the Technical Committee at their March meeting.

Staff testified on behalf of the Association of Metropolitan Planning Organizations before the Subcommittee on Energy and Air Quality of the House of Representatives Committee on Energy and Commerce. The testimony addressed air quality provisions in proposed bill H.R. 3, The Transportation Equity Act: A Legacy for Users.

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 March 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 upcoming PM2.5 standards. Staff participated in meetings of MWAQC's Executive Committee and its Technical Advisory Committee. Staff continued work to analyze PM2.5 pollutants, emissions characteristics, and Mobile6 inputs / outputs, and continued preliminary work to prepare emissions factors and revise post-processor documentation for the upcoming conformity assessment of the 2005 CLRP and FY2006-11 TIP.

Staff obtained HPMS data for the three states, and prepared VMT trend summaries using the HPMS data from 1990 to 2003 for the Washington D.C. MSA. These data were presented to the Travel Forecasting Subcommittee. Staff summarized the vehicle identification number (VIN) data for District of Columbia, Maryland and Virginia and prepared random samples for VIN decoder testing. The data were shipped to the consultant for developing detailed Mobile 6 input files using the VIN decoder.

Staff obtained permanent count station data from Maryland and Virginia and developed ratios to convert annual average daily traffic (ADT) to annual average weekday daily traffic (AAWDT). Similarly, ratios between summer average weekday daily traffic to AAWDT, and winter average weekday daily traffic to AAWDT were developed and the information was documented in a memorandum. Staff is investigating approaches to estimate the particulate matter (PM 2.5 emissions reduction from implemented TERMS, and potential TERMS. An air quality status report memorandum was prepared and sent to the Travel Management Subcommittee to keep them informed on all the work activities.

COG/DEP staff continued to test the effects of different humidity and temperature inputs for the MOBILE6.2 modeling. Staff held a conference call with a MOBILE6 work group to review the results and select inputs. Staff met with DTP staff to discuss MOBILE6.2 inputs to the conformity analysis and inputs to the SIP mobile modeling. Staff attended TPB Technical Committee meetings and the TPB meeting in March.

C. Regional Studies

Staff completed the travel demand modeling of the Transit-Oriented Development transportation scenario and presented the modeling results to the members of the Joint Technical Working group at their March 11<sup>th</sup> meeting.

Staff continued to calculate values for land use “Measures of Effectiveness” for the Transit-Oriented Development scenario and presented this new information to the members of the Joint Technical Working group at their March 11<sup>th</sup> meeting.

D. Coordination of Cooperative Forecasting & Transportation Planning

Staff presented draft Round 7.0 Cooperative Forecasts to the Metropolitan Development Policy Committee (MDPC) at their March 9<sup>th</sup> meeting. The MDPC voted to recommend the use of the Round 7.0 forecasts in the Air Quality Conformity Analysis for this year’s CLRP/TIP Update subject to: (1) a minor revision of the employment forecasts for the Fort Belvoir area and (2) an evaluation from the Planning Directors of the impacts of the new forecasts upon transportation, affordable housing, air and water quality, and other policy areas.

Staff, in consultation with the Planning Directors, began work on developing a methodology to assess the impacts of the new forecasts upon transportation, affordable housing, air and water quality, and other policy areas.

III. DEVELOPMENT OF NETWORKS AND MODELS

A. Network Development

During March, network maintenance activities continued with the update of transit line files with current information depicting transit service during the fall and winter of 2004. Highway network maintenance continued with coordination with GIS staff to update the GIS-based highway database.

B. GIS Technical Support

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

Staff continued testing of the Oracle 10g Server and Client software.

Staff continued testing the ArcGIS 9 service pack 2.

Staff continued refinement of the roll-out plan to assist GIS users in the migration of all GIS data to the Windows 2000 GIS Server.

Staff continued to provide technical assistance to the model development team in the comparison and mapping of DDOT, MD SHA and DDOT traffic count data with Version 2.1D model validation runs.

Staff completed the GIS update of transit walk sheds for the Regional Mobility and Accessibility Study Transit-Oriented Development scenario.

Staff continued update of the Regional Street Centerline GIS layer.

Staff attended and participated in Metro-CIO and GIS Task Force meetings on GIS data interoperability and the sharing of data for emergency management purposes.

#### C. Models Development

The results of a review of coded ground counts in the transportation networks maintained at TPB were presented by the staff to the Travel Forecasting Subcommittee at its meeting on March 18th. The review has identified counts that may in fact be of questionable quality. Some of these counts have been shown to be uncounted manual estimates, not observed data. Cleaning up these counts is important in developing performance statistics for the TPB travel demand models. Staff has concluded that the performance of the travel forecasting model improves dramatically when the quality of the traffic counts also improves.

Staff is continuing work on the development of a nested logit mode choice model, identifying issues and needs for review by Jeff Bruggeman of AECOM, retained to advise on the development of this model.

#### D. Software Support

Staff, in coordination with the COG Information Technology System, continues the investigation of current direct access device technology. The investigation continues to focus on USB 2.0 DVD's. Staff also continues to evaluate portable hard drives as potential back-up devices, with one currently in service in that capacity. Exploration of server-based system-wide backup procedures is also underway.

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#### IV. TRAVEL MONITORING

##### A. Cordon Counts

Staff continued processing data collected last Spring for the regional HOV monitoring project, in preparation for a report documenting the results of this effort. Staff developed software to be used in laptop computer field data collection in the upcoming count of trucks and light commercial vehicles this Spring.

##### B. Congestion Monitoring and Analysis

Fifty percent of the data collected as part of the arterial travel time project were analyzed and staff is interpreting the data by making comparisons with data collected on the same routes three years back. SKYCOMP has started the freeway congestion monitoring project and the project is on schedule.

##### C. Travel Surveys and Analysis

###### 1. Household Travel Survey

No staff activities during the reporting period.

###### 2. 2000 Census Journey to Work Analysis

Staff continued analysis and adjustment of the CTPP Part 3 worker flow data by jurisdiction of residence and jurisdiction of work.

Staff continued to respond to questions on the Census Journey to Work data from the 2000 Census.

Staff in cooperation with FHWA and the Census Bureau conducted a special training workshop on the CTPP for TPB and participating agency staff on March 9<sup>th</sup> and 10<sup>th</sup>.

###### 3. Regional Travel Trends Report

Staff presented an analysis of regional carpool commuting patterns to the TPB Technical Committee.

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D. Regional Transportation Data Clearinghouse

No staff activities during the reporting period.

V. TECHNICAL ASSISTANCE

A. District of Columbia

Program Development

Staff attended and participated in DDOT HPMS meetings.

Miscellaneous Services and Data Requests

No staff activities during the reporting period.

Database Automation and Application Development

No staff activities during the reporting period.

Machine Traffic Counts

An RFP was prepared to provide machine count assistance at 140 locations. A consultant was selected to conduct the counts and contract preparation is under way.

B. Maryland

Program Development

Staff coordinated with MDOT and MD SHA staff regarding ongoing FY2005 work program activities and proposed activities for the FY2006 UPWP.

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.

Staff provided a file of the COG/TPB master highway network and associated files to the Baltimore Metropolitan Council.

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Staff commenced work to provide travel time and speed data for the Maryland National Capital Park and Planning Commission, Montgomery Department of Park and Planning.

#### MD SHA / MTA Technical Support

Staff also reviewed documentation reports, e.g., draft environmental impact study, alternatives retained for detailed study, for various project planning studies in Maryland. Staff continued work analyzing select link methods and results using both the Version 2.1C and 2.1D models. Results have been summarized into a draft technical memo, which is under internal review.

#### Subregional Studies

##### Capital Beltway Corridor Transportation Study

Staff continued preparing additional documentation for the travel demand modeling results to be completed as a memo.

##### I-270 & US 15 Multi-Modal Corridor Study

Staff executed select link analysis on Gude Drive as part of the I-270 Express Toll Lane analysis. The products were select link trip tables for specified locations, equivalency tables between TAZs and study districts, and corresponding maps and graphics.

##### Intercounty Connector Study

Per request from MDSHA, staff executed travel demand models for several 2030 Corridor 1 and Corridor 2 scenarios, and summarized and analyzed travel demand outputs. The summary was reported and results were transmitted to SHA's consultant.

#### Bi-County Transitway Study

Staff continued working on studying the FTA's Summit model in preparation for future modeling work.

#### C. Virginia Technical Assistance

##### Program Development

Staff completed worked on a proposed revised monitoring program for Northern Virginia.

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Miscellaneous Services

Staff has begun work testing the Version 2.1 D 50 travel demand model in application of tolls on the proposed HOT lanes of the Capital Beltway in Northern Virginia.

Northern Virginia HOV Facilities Monitoring and Data Collection

All of the count data has been furnished to VDOT as of the end of January. GPS travel time data was transmitted to VDOT in March. All FY2005 activities for this project have now been completed.

Springfield Interchange Data Collection

This project has been cancelled by VDOT, and funding has been carried forward into FY2006 for use in the Virginia technical assistance account.

D. WMATA

Program Development

The "Improving Paratransit Services in the Washington Region" study was initiated in the month of March. The Access for All Advisory committee will oversee the study. Demand for paratransit services, customer needs, innovative practices and potential service and funding coordination will be examined. Staff collected and reviewed background materials related for the study, including WMATA's Regional Paratransit Task Force reports. TPB staff coordinated with the Human Services, Public Safety and Planning staff at COG to solicit the involvement of social service agency representatives in the study. Innovative transit practices were reviewed and information gathered at two conferences for the study.

A presentation was made to the AFA committee at its March 31 meeting on the study and the study steering committee. The steering committee will be comprised of AFA members, WMATA representatives, Easter Seals Project ACTION staff and human service agency representatives.

Miscellaneous Services

No activity during the reporting period.

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Parking Usage at Metrorail Stations

No activity during the reporting period.

Transit Modeling Enhancements and Validation

No activity during the reporting period.

VII. CONTINUOUS AIRPORT SYSTEM PLANNING (CASP) PROGRAM

A. CASP 19

- 1) Regional Air Passenger Origin/Destination Forecast Update

There was no staff activity during this reporting period.

- 2) Ground Access Forecast Update

Staff continued to analyze the 1998 and 2000 Air Passenger Survey Data and produced several summary tables for staff review at weekly team meetings. These data are being used as a part of the project task to review the current AAZ area zone structure.

B. CASP 20

- 1) Process 2002 Air Passenger Survey

There was no staff activity during this reporting period.

- 2) Ground Access Travel Time Study

There was no staff activity during this reporting period.

C. Conduct 2005 Regional Air Passenger Survey

- 1) The 2005 Air Passenger Survey was conducted from March 6<sup>th</sup> through March 19<sup>th</sup>. The data collection phase of this project has been completed.

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The **Aviation Technical Subcommittee** met Thursday, March 28<sup>th</sup> at COG. Agenda items included:

- Joint FY 2005-2009 Airport Capital Improvement Program
- Update on CONAANDA Activities
- Status report on data collection phase of 2005 Regional Air Passenger Survey
- Status report on Ground Access Forecast Update

#### VI. OTHER TRANSPORTATION PROJECT

##### Advanced Technology Vehicle Project

The program oversight committee met on March 10, 2005 and discussed a number of issues including the future of the program. Staff is negotiating with Baltimore City for implementing a CNG refueling station which will result in the city purchasing additional CNG light duty vehicles. Negotiations are underway with school systems throughout the state of Maryland to reflash eligible diesel school buses to reduce NOx emissions.

**FY 2005 TRANSPORTATION PLANNING BOARD  
COG/TPB BUDGET EXPENDITURE SUMMARY  
FY-TO-DATE MARCH 31, 2005**

	BUDGET TOTAL	FUNDS EXPENDED	% FUNDS EXPENDED
<b>I. PLANS, PROGRAMS AND COORDINATION</b>			
A. Unified Planning Work Program (UPWP)	67,100.00	45,980.24	69%
B. Transportation Improvement Program (TIP)	143,800.00	102,715.53	71%
C. Constrained Long-Range Plan	384,500.00	316,708.26	82%
D. Regional Management & Operations Emergency Preparedness E. Financial Plan	344,000.00	279,889.97	81%
F. Private Enterprise Participation	51,600.00	35,910.36	70%
G. Bicycle and Pedestrian Program	17,400.00	8,935.90	51%
H. Access to Jobs Planning	61,200.00	53,749.21	88%
I. Public Participation	50,300.00	30,501.32	61%
J. Annual Report	169,100.00	117,459.51	69%
K. DTP Management	76,000.00	34,740.48	46%
	426,300.00	305,787.76	72%
<b>SUBTOTAL</b>	<b>1,791,300.00</b>	<b>1,332,378.54</b>	<b>74%</b>
<b>II. FORECASTING APPLICATIONS</b>			
A. Air Quality Conformity	296,500.00	277,213.13	93%
B. Mobile Emissions Analysis	394,300.00	349,600.00	89%
C. Regional Studies	598,700.00	436,018.98	73%
D. Coord. Cooperative Forecasting & Trans Planning	166,300.00	99,617.90	60%
<b>SUBTOTAL</b>	<b>1,455,800.00</b>	<b>1,162,450.01</b>	<b>80%</b>
<b>III. DEVELOPMENT OF NETWORKS AND MODELS</b>			
A. Networks Development	619,000.00	434,161.05	70%
B. GIS Technical Support	438,700.00	345,660.06	79%
C. Models Development	636,700.00	444,177.78	70%
D. Software Support	100,600.00	98,335.76	98%
<b>SUBTOTAL</b>	<b>1,795,000.00</b>	<b>1,322,334.66</b>	<b>74%</b>

**FY 2005 TRANSPORTATION PLANNING BOARD  
COG/TPB BUDGET EXPENDITURE SUMMARY  
FY-TO-DATE MARCH 31, 2005**

	BUDGET TOTAL	FUNDS EXPENDED	% FUNDS EXPENDED
<b>IV. TRAVEL MONITORING</b>			
A. Cordon Counts	702,300.00	170,285.11	24%
B. Congestion Monitoring and Analysis	351,000.00	231,403.16	66%
C. Travel Survey and Analysis			
Household Travel Survey	175,100.00	35,573.62	20%
2000 Census Journey to Work Analysis	244,600.00	202,641.34	83%
Regional Travel Trends Report	142,500.00	63,773.18	45%
D. Regional Transportation Data Clearinghouse	60,700.00	46,531.91	77%
<b>SUBTOTAL</b>	<b>1,676,200.00</b>	<b>750,208.31</b>	<b>45%</b>
<b>SUBTOTAL CORE PROGRAM ITEMS I-IV</b>	<b>6,718,300.00</b>	<b>4,567,371.52</b>	<b>68%</b>
<b>V. TECHNICAL ASSISTANCE</b>			
A. District of Columbia	217,500.00	53,264.32	24%
B. Maryland	411,600.00	275,621.38	67%
C. Virginia	390,300.00	257,322.95	66%
D. WMATA	134,800.00	24,544.46	18%
<b>SUBTOTAL</b>	<b>1,154,200.00</b>	<b>610,953.11</b>	
<b>TPB GRAND TOTAL</b>	<b>7,872,500.00</b>	<b>5,178,324.63</b>	<b>66%</b>

**FY 2005 TRANSPORTATION PLANNING BOARD  
FINANCIAL STATUS OF TECHNICAL ASSISTANCE**

FY-TO-DATE MARCH 31, 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	3025	10,000.00	6,258.49	1,204.00	753.52	8,796.00	5,504.96
2. Miscellaneous Services & Data Requests	3026	39,500.00	30,269.71	4,755.00	3,643.86	34,745.00	26,625.85
3. Machine Volume Counts for Highway (HPMS) & (NH) 3027		168,000.00	16,736.12	20,224.00	2,014.71	147,776.00	14,721.42
<b>SUBTOTAL</b>		<b>217,500.00</b>	<b>53,264.32</b>	<b>26,183.00</b>	<b>6,412.09</b>	<b>191,317.00</b>	<b>46,852.23</b>
<b>B. Maryland</b>							
1. Program Development/Management	3030	20,000.00	13,678.80	2,408.00	1,646.93	17,592.00	12,031.88
2. Miscellaneous Services	3031	51,600.00	28,780.44	6,212.00	3,464.81	45,388.00	25,315.63
3. MD SHA /MTA Technical Support	3032	90,000.00	90,063.67	10,833.00	10,840.66	79,167.00	79,223.00
4. Capital Beltway Corridor Transportation Study	3033	25,000.00	25,000.90	3,010.00	3,010.11	21,990.00	21,990.79
5. I - 270 & US 15 Multi-Model Corridor Study	3034	25,000.00	25,027.83	3,010.00	3,013.35	21,990.00	22,014.48
6. Intercountry Connector Study (ICC)	3035	125,000.00	84,723.93	15,047.00	10,198.73	109,953.00	74,525.21
7. Bi-County Transitway Study	3051	75,000.00	8,545.80	9,029.00	1,028.80	65,971.00	7,517.00
<b>SUBTOTAL</b>		<b>411,600.00</b>	<b>275,821.35</b>	<b>49,549.00</b>	<b>33,203.37</b>	<b>362,051.00</b>	<b>242,617.98</b>
<b>C. Virginia</b>							
1. Program Development	3036	10,000.00	3,528.01	1,204.00	424.77	8,796.00	3,103.24
2. Miscellaneous Services	3037	80,300.00	17,084.68	9,667.00	2,056.76	70,633.00	15,027.92
3. N. Va. HOV Facilities Monitoring & Data Collection	3038	225,000.00	236,710.27	27,085.00	28,494.66	197,915.00	208,215.61
4. Springfield Interchange Data Collection	3039	75,000.00	0.00	9,029.00	0.00	65,971.00	0.00
<b>SUBTOTAL</b>		<b>390,300.00</b>	<b>257,322.95</b>	<b>46,985.00</b>	<b>30,976.19</b>	<b>343,315.00</b>	<b>226,346.77</b>
<b>D. WMATA</b>							
1. Program Development	3040	10,000.00	6,661.39	10,000.00	6,661.39	0.00	0.00
2. Miscellaneous Services	3041	4,800.00	0.00	4,800.00	0.00	0.00	0.00
3. Parking Usage at Metrorail Stations	3042	65,000.00	17,750.70	65,000.00	17,750.70	0.00	0.00
4. Transit Modeling Enhancements & Validation	3043	55,000.00	132.36	55,000.00	132.36	0.00	0.00
<b>SUBTOTAL</b>		<b>134,800.00</b>	<b>24,544.45</b>	<b>134,800.00</b>	<b>24,544.46</b>	<b>0.00</b>	<b>0.00</b>
<b>TOTAL</b>		<b>1,154,200.00</b>	<b>610,953.08</b>	<b>257,517.00</b>	<b>95,136.10</b>	<b>896,683.00</b>	<b>515,816.98</b>