

FY 2015

**National Capital Region
Transportation Planning Board (TPB)**

**Work Program Progress Report
MARCH • 2015**

PROGRAM HIGHLIGHTS

1. PLAN SUPPORT

A. Unified Planning Work Program (UPWP)

Work continued monitoring the activities under the FY 2015 UPWP which began on July 1, 2014.

The final draft FY 2016 UPWP was completed, along with memoranda on the proposed carryover projects from FY 2015 to FY 2016. These were presented to the Technical Committee at the March 6 meeting. Final documents and three resolutions were presented to the TPB for approval at their March 18 meeting: approving an amendment of the FY 2015 UPWP to carryover projects to FY 2016; adding those projects to the FY 2016 UPWP, and approving the FY 2016 UPWP. Staff then worked to finalize the documents for printing. Memoranda summarizing the changes to the FY 2015 UPWP and the consequent changes in funding from each state funding agency were prepared and submitted on March 31.

B. Transportation Improvement Program (TIP)

At its meeting on March 6, the TPB Steering Committee approved three amendments to the FY 2015-2020 TIP. The first amendment, requested by MDOT, was to include funding for four new highway projects in Frederick, Montgomery, and Prince George's counties. The second amendment was requested by VDOT to include funding for two road maintenance projects and one intersection improvement project in Fauquier County. The third amendment, also requested by VDOT, included additional funding for the Rail Construction TIP Project Grouping. At its meeting on March 18, the TPB approved a request from DDOT to amend the FY 2015-2020 TIP with updated project and funding information for the entire District of Columbia portion.

C. Constrained Long-Range Plan (CLRP)

Staff continued to develop content for the brochure documentation of the 2014 Update to the CLRP, including the policy framework, a description of programs and projects with maps, and the performance analysis.

D. Financial Plan

The financial summaries in the FY 2015-2020 TIP were reviewed and updated as administrative modifications and TIP amendments were approved.

E. Public Participation

At the March 12 CAC meeting, the committee was briefed on the COG Cooperative Forecast and the agenda for the March TPB meeting. Additionally, the committee set aside time to discuss transportation issues that the CAC would like to address during the 2015 CAC Session.

Staff scoped out work activities to commemorate the TPB's 50th anniversary later this fiscal year. Staff solicited bids from consultants to develop a video. Events are planned for November and December.

Staff worked with consultant on the development of a style guide and templates for documents and presentations.

Staff worked on the update of pages on the COG website related to transportation.

Access for All Advisory Committee (AFA)

No staff work activity during the reporting period.

F. Private Enterprise Participation

The Regional Taxicab Regulators Task Forces met on March 25, 2015. The meeting consisted of jurisdictional updates, a discussion of how the jurisdictions are dealing with transportation demand network companies (TDNs) such as Uber, and a presentation from the Metropolitan Washington Airports Authority on how they are managing TDNs at Dulles Airport. The task force also appointed a new chair - Bob Garbacz from Alexandria, VA.

G. TPB Annual Report and TPB News

Four editions (every Tuesday) of the *TPB Weekly Report* were produced and emailed during the reporting period.

The *TPB News* was produced and distributed.

Staff wrote continued writing text for the next *Region* magazine.

H. Transportation / Land Use Connection Program (TLC)

Work proceeded on all of this year's nine TLC projects. Four TPB staff members are assigned to manage the projects.

Staff developed new application materials and a brochure for the FY 2016 TLC project solicitation, which was scheduled to be launched in April.

Staff reviewed applications for projects in Northern Virginia for funding through the Transportation Alternatives Program (TAP). A review panel was scheduled to meet on April 2 to identify projects that will be recommended for funding. The deadline for TAP applications in Maryland is May 15. The DC TAP solicitation process will occur in the summer.

I. DTP Management

During March staff support was provided for the meetings of the TPB, the TPB Steering Committee, the State Technical Working Group and the TPB Technical Committee.

The DTP Director participated in MWAQC, Inter-Agency Consultation, Regional Planning Directors, and Multi-Sector Working Group meetings.

The DTP Director met with the Greater Washington Board of Trade Metro Future Funding Task Force.

2. COORDINATION PLANNING

A. Congestion Management Process (CMP)

The next meeting of the Vehicle Probe Data Users Group was scheduled on Thursday, May 14, 2015. It will be a joint meeting with the Management, Operations, and Intelligent Transportation Systems (MOITS) subcommittee.

Staff started to draft preliminary technical recommendations for vehicle probe data processing and performance measures calculation. Developing such recommendations and building regional consensus is one of the four goals to establish the Vehicle Probe Data Users Group. These recommendations will be circulated before the next Group meeting for comments and discussed on the next meeting.

Following a recent (February 17, 2015) change made in the Vehicle Probe Project Suite that all speeds are now aggregated or averaged by Harmonic Mean instead of previously-used Arithmetic Mean, staff re-downloaded INRIX data for 2013 and 2014 in preparation for a revised calculation of performance measures.

The TMC (Traffic Message Channel, a location referencing system used by vehicle probe data) segments were identified for the Transit-Significant Highway Network. Performance measures will be calculated specifically for this network in the next quarterly National Capital Region Congestion Report.

Staff monitored the I-95 Corridor Coalition's Travel Information Services Program Track Committee Meeting (via web-conferencing) and the FHWA's

Let's Talk Performance: Fundamentals of Transportation Data Management webinar.

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

The March 10, 2015 regular meeting of the MOITS Technical Subcommittee was organized and conducted. The Subcommittee provided review and technical advice regarding transportation management strategies being nominated for the COG multi-sector greenhouse gas effort; the 2014 Freeway Congestion Monitoring Using Aerial Surveying – Draft Report; MOITS-related aspects of regional Performance-Based Planning activities under MAP-21 requirements; and the Congestion Management Process (CMP).

Staff continued coordinating with participating agencies in the regional traffic signals power backup Urban Area Security Initiative (UASI) grant in an effort to meet grant requirements, as well as providing technical advice to the Regional Emergency Support Function 1 (RESF-1) Emergency Transportation Committee for RESF-1's development of a strategic plan for the installation of traffic signal power backup at locations in the region critical for emergency management (see also Task 2.C.).

C. Transportation Emergency / Security Planning

The regular meeting of the Regional Emergency Support Function 1 (RESF-1) Emergency Transportation Committee was prepared for, and the meeting conducted on March 19, 2015. Committee discussions and supporting staff work included review of the FY 2015 RITIS projects updated applications, prioritization of FY 2015 UASI project applications supported by RESF1, review of an analysis of historical RITIS data during incidents by MEMA staff, Strategic Highway Research Program II sponsored first responder training by FHWA staff. Staff continues to track the status of the Traffic Signals Power Backup Project by interacting with the State Administrative Agent.

D. Transportation Safety Planning

The Regional Transportation Safety Picture data compilation was completed in preparation for the upcoming April 6, 2015 Transportation Safety Subcommittee meeting.

Staff attended the March 25 Street Smart Spring bicycle and pedestrian safety campaign kickoff event in College Park, Maryland, and provided information on the initiative on radio and television interviews.

Staff coordinated internally and with partner agencies on the development of a framework to address the safety performance measure requirements of MAP-21. Input on the framework will be sought from stakeholders, including at the upcoming Transportation Safety Subcommittee.

E. Bicycle and Pedestrian Planning

The March 31, 2015 regular bimonthly meeting of the Bicycle and Pedestrian Subcommittee was organized and conducted. The Subcommittee provided review and technical advice regarding the recent TPB Study to Identify Pedestrian/Bicycle Access Improvements at Select Rail Stations; strategies being considered by the COG Greenhouse Gas Multi-Sector Working Group; a proposal from Commuter Connections for enhancing pedestrian information for Employer Outreach; and the new Regional Transportation Data Clearinghouse/ Shared Mapping Tool. This tool will allow members of the regional Bicycle Beltway Work Group to work jointly on an on-line map of potential routes.

Work continued on development of the Subcommittee's annual Top Priority Unfunded Bicycle and Pedestrian Project List.

The Subcommittee and staff gathered and provided updated information for incorporation into a forthcoming 2015 update of the Commuter Connections program's regional Bike to Work Guide.

Staff attended the March 17 Maryland Bicycle Symposium in Annapolis.

Preparations proceeded for the major regional Pedestrian Spaces best practices workshop to be held April 28. This event will be a major part of the technical training and outreach component of the Bicycle and Pedestrian Planning program.

F. Regional Bus Planning

The Regional Public Transportation Subcommittee did not meet in March. Staff worked to develop the contents for the proposed State of Public Transportation report for future discussion by the subcommittee.

TPB staff discussed a framework for coordinating discussion with state DOTs and providers of public transportation on the forthcoming MAP-21 rulemaking on performance provisions for transit state of good repair and safety. Other bus planning activities included TPB staff participation in meetings of WMATA's Jurisdictional Coordination Council.

G. Human Service Transportation Coordination

During the month of March, staff continued to coordinate with representatives from FTA, the Virginia Department of Rail and Public Transportation (DRPT) and the Maryland Transit Administration (MTA) regarding Section 5310 Enhanced Mobility funding to support vehicle acquisition for non-profit agencies serving the Washington DC-VA-MD Urbanized Area, including a conference call with all parties on March 24, 2015. Staff reviewed and scored applications and attended a Review Committee meeting for District Department of Transportation's (DDOT) final solicitation under FTA's old 5310 vehicle program.

H. Freight Planning

The regular bimonthly meeting of the TPB Freight Subcommittee was prepared for and conducted. The theme of this meeting was e-commerce, engendering discussion among stakeholders on how on-line commerce and related economic factors are changing freight needs and movements. Work proceeded to identify topics and arrange presenters for upcoming TPB Freight Subcommittee meetings.

The draft final version of the Regional Freight-Significant Analysis Network for the Congestion Management Process (CMP) was completed and submitted to key member agencies for review.

Updated analysis of regional freight demand using the Federal Highway Administration's FAF (Freight Analysis Framework) dataset was completed.

Staff participated in the Federal Highway Administration's (FHWA) Urban Freight Movement and Context Sensitive Solutions Roundtable to identify and prioritize further research on how to plan for trucks in complete street environments.

Staff attended the FHWA's national March Talking Freight seminar to learn about the Maritime Administration's StrongPorts program.

Staff participated in a Maryland Department of Transportation workshop to develop a business case for the creation of a freight data portal for the state of Maryland.

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 the March 2015 period, staff prepared for and participated in the MATOC Information Systems Subcommittee and MATOC Operations Subcommittee meetings on March 26, as well as the first-ever MATOC Annual Regional Construction Coordination Workshop on March 31, bringing together senior personnel from transportation agencies responsible for the scheduling and conduct of work zones. Staff also followed up on action items identified at previous meetings, and began preparations for April committee meetings. Activities were in coordination with the MATOC staff from the University of Maryland Center for Advanced Transportation Technology.

3. FORCASTING APPLICATIONS

A. Air Quality Conformity

2015 CLRP & FY2015-20 TIP

Networks development continued by incorporating the 2015 CLRP project additions, updates into the GIS network database, and transit fare updates reflecting the WMATA Fare Tariff 33V2 and other transit fare increases, resulting in a completed 2015 network input travel demand files. Upon achieving a successful completion of sensitivity tests of MOVES2014, it was decided to update the 2015 CLRP air quality conformity scope of work to reflect intended use of MOVES2014 instead of MOVES2010a. The agenda of the monthly TPB meeting and supporting material pertaining to air quality conformity were forwarded to the consultation agencies and public advisory committees in accordance with interagency consultation procedures.

B. Mobile Emissions Analysis.

Staff worked in a variety of projects:

- Completed testing the MOVES2014 and shared the latest sensitivity test results with state transportation and air agencies as part of interagency consultation, as a precursor to amending the 2015 CLRP air quality conformity scope of work to reflect use of MOVES2014.
- Coordinated with the MWCOG Department of Environmental Programs (DEP) and participated in interagency coordination meetings regarding the scope of work of the Multi-Sector GHG work group with respect to membership, and meeting scheduling/planning.
- Participated in the monthly Multi-Sector GHG Working Group meeting.
- Participated in interagency consultation meetings called by VDOT regarding: (1) a project-level air study for a ramp project on I-395; and (2) I-66 from Route 15 in Haymarket to I-495 in Fairfax County (i.e., I-66 outside the beltway).
- Following up a request by MDE during the MOVES2014 interagency consultation, contacted MDE to elaborate in sensitivity testing model inputs/outputs forwarded to MDE for internal review.

- Delivered jurisdictional level year 2005 and 2012 GHG emissions inventories to DEP – upon request from them – for integration into the Multisector Work Group activities.
- Updated P&R lot data based on the latest Commuter Connections team inputs, VRE, MARC and WMATA websites in preparation for the 2015 CLRP air quality conformity TERMS analyses.

C. Regional Studies

Nine proposals submitted in response to the Request for Proposals (RFP) for consultant assistance to be provided to the Greenhouse Gas Reduction (GHG) Multi-Sector Working Group (MSWG) were reviewed and evaluated. The proposal review and selection committee, composed of representatives from the Land Use, Transportation, and Energy/Built Environment MSWG Sector subgroups, recommended that ICF International be awarded the contract for this project.

Staff reviewed and cross-referenced the transportation and land use GHG reduction strategies identified in the February brainstorming sessions with the members of the Land Use and Transportation MSWG Sector subgroups in a joint meeting on March 27. A draft evaluation framework that could be used by the consultant to perform a qualitative assessment of the identified land-use and transportation strategies was also presented by staff at this meeting. In addition, staff reviewed a memorandum on the GHG reduction strategies being considered and pursued in other metropolitan areas with the members of the Land Use and Transportation Sector subgroups.

Staff refined the draft list of unfunded transportation projects compiled in February, sought submissions from Fairfax County in Virginia and from Prince George's and Charles County in Maryland, followed up on missing data items from the submissions received in February and began to assemble available geospatial data on location of these of these unfunded projects so that they can be mapped.

Prepare Grant Applications for USDOT Grant Funding Programs

No staff work activity during this reporting period.

D. Coordination Cooperative Forecasting & Transportation Planning

Staff gave a presentation on the draft Round 8.4 Cooperative Forecasts of future growth to the TPB at their April meeting and highlighted the significant changes compared to the Round 8.3 Cooperative Forecasts.

Staff performed a series of quality control checks on the draft TAZ-level Round 8.4 Cooperative Forecasting land activity database and transmitted this

database to the Models Development and Applications team for use in this year's Air Quality Conformity Analysis of the TIP and CLRP.

Staff discussed current commercial real trends, office vacancy rates, employee per square foot density assumptions and NAICS industry to land use type conversion factors with the members of the Cooperative Forecasting Subcommittee at their March 10th meeting.

Staff continued analysis of the IHS Global Insight population, household, and employment forecasts for the TPB Planning Region, self-employment data from Census American Communities Survey (ACS) and BEA military employment data for all jurisdictions in TPB planning region. These data will be used in developing the regional benchmark employment projections for the Round 9 Cooperative Forecasts in the fall of 2015.

4. DEVELOPMENT OF NETWORK / MODELS

A. Network Development

Staff has begun preparing forecast-year transportation networks reflecting the 2015 CLRP in compliance with the Version 2.3.57 travel model. Staff has made progress in the construction of the year-2015 and 2017 scenario networks. This activity will continue over the next few months.

Staff has proceeded with its examination of the ArcGIS 10-based network database editing tool (COGTOOLS). The editor was developed during the last fiscal year (FY 2014), but has not yet been fully tested and approved for production use. This activity is continuing.

Network development staff provided technical support to the Systems Management and Planning group. The group sought assistance with linking location codes relevant to observed speed data to the regional transit network. This work supports a study of highway road performance for segments that serve a relatively high number of bus routes.

B. GIS Technical Support

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

Staff assisted the Commuter Connections program team in troubleshooting ArcGIS server connections problems with the web server that hosts the regional park and ride lot location mapping application.

Staff finalized the questionnaire pertaining to GIS data and software usage within the department.

Staff continued to gather spatial data information in support of TPB's unfunded project list request. Staff obtained the requested GIS data from Montgomery County's Master Plan for Highways and Bikeways. Staff requested data from DDOT for the moveDC plan and data pertaining to Transaction2040 from the Northern Virginia Transportation Authority (NVTA).

Staff developed a draft web mapping application that allows users to identify potential facilities that could be identified as an inner and outer 'bicycle beltway' for the region. The preliminary application was shown to the Bicycle and Pedestrian subcommittee for feedback and further guidance on the development of the application.

Staff responded to a request from a VDOT consultant for GIS data on 2014 TPB Bike/Ped plan projects, COG Regional Activity Centers and Cooperative Forecasting data for the COG Activity Centers.

Staff represented the GIS Committee at the CIO meeting on March 12.

Staff planned and participated in the March 24 GIS Committee meeting. The Committee discussed the need for GIS data for NextGen 9-1-1. The consultants for this project, Mission Critical Partners, will be conducting an assessment of availability of GIS data in the region as one of the first steps in developing plans to transition to NextGen 9-1-1 over the next five years.

Staff participated in the Mid-Atlantic Centerline Steering Committee meeting on March 24.

Staff planned and participated in the NCR GDX Governance Working Group meeting on March 25. The group discussed the changing functions of the NCR GDX.

Staff met with GIS staff from the Baltimore Metropolitan Council (BMC) in a peer exchange discussion of GIS programs at BMC and COG/TPB.

Staff attended the TUgis conference at Towson University and served as a session moderator.

Staff attended the March meeting of the Maryland State Geographic Information Committee (MSGIC). Staff participated in the discussion regarding the TUgis conference and the state's open data products.

C. Models Development

Staff has begun preparing Round 8.4 land activity inputs updates to the travel model in anticipation of the upcoming air quality conformity study of the 2015 CLRP. A memorandum documenting this work is under review. Staff has also begun updating exogenous travel demand inputs and parametric updates. This work is expected to be completed and documented in April.

The Travel Forecasting Subcommittee (TFS) met on March 20. Staff debriefed the subcommittee on the status of the models development consultant-assistance project, including initial findings of the COG/TPB travel modeling stakeholder survey. The survey will be used to support the formulation of a multi-year strategic plan in the TPB's Models Development program.

Consultant-assisted project has had considerable progress this month. As part of Task Order 15.2 (the development of a strategic plan for Models Development), COG/TPB staff worked with the consultant, Cambridge Systematics, to develop a survey of 23 peer MPOs regarding modeling practice, with particular emphasis on the use of activity-based travel demand models (ABMs) and dynamic traffic assignment (DTA). All 23 MPOs were successfully surveyed. Also, as part of Task Order 15.2, staff provided the consultant a memorandum with staff comments on a consultant write-up concerning Dynamic Traffic Assignments (DTA). Staff held a conference call with staff from the Atlanta Regional Council (ARC) on March 11 to discuss ARC's experience using mesoscopic traffic assignment methods.

As part of Task Order 15.4, modeling with Public Transport, COG/TPB staff transmitted modeling files and documentation to the consultant.

Staff responded to five local data requests from local planning agencies, consultants, and an academic researcher.

D. Software Support

Staff coordinated work with the Information, Technology and Facilities Management (ITFM) team in order to improve the performance of the travel demand servers. Staff also transferred and backed-up data to free up additional space on the servers.

5. TRAVEL MONITORING

A. Cordon Counts

Staff continued processing the HOV and travel time data under this item for the Regional HOV Study and began producing maps and tables for the report.

B. Congestion Monitoring and Analysis

The aerial survey consultant produced data reduction proposals for nine sites that were surveyed in mid-2014 under the one-second Time Lapse Aerial Photography (TLAP) pilot survey. Staff reviewed a number of related TLAP wide-area photo boards to glean preliminary findings and provide further direction to the consultant for subsequent analysis of the pilot test data. Preparations proceeded on the overall summary report of the 2014 Freeway Aerial Survey and the TLAP pilot test.

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

Staff tabulated ACS tract-level demographic data for use in the review of Virginia Transportation Alternatives Program project submissions.

Staff completed the development of cost estimates and requirements to complete the data collections for 2015 Geographically-Focused Household Travel Surveys and the next large-scale region-wide household travel survey planned to be conducted in FY2016 through FY2018.

D. Regional Transportation Data Clearinghouse (RTDC)

Staff completed the update of the CY2013 AADT and AAWDT data in the RTDC highway network. Staff continued processing the CY2013 hourly traffic volume and vehicle classification data.

Staff added traffic counting location descriptive information to RTDC highway links with traffic counts.

Staff updated the regional traffic counting station locations in the RTDC.

Staff completed the update of the RTDC Flex web application code to reflect changes to the datasets contained in the application.

Staff continued the creation and update of ArcGIS Online (AGO) content for current as well as new RTDC datasets, and continued to develop a RTDC project web page on the AGIS Online Open Data model.

Staff made a presentation to the Travel Forecasting Subcommittee on the updated RTDC project page and available dataset updates.

Staff made a presentation to the Bicycle and Pedestrian Subcommittee on the updated RTDC project page and available dataset updates.

Staff assisted staff from WMATA with obtaining bus ridership information for Fairfax Connector routes.

6. TECHNICAL ASSISTANCE

A. DISTRICT OF COLUMBIA

1. Program Development, Data Requests & Miscellaneous Services

No staff work activity during the reporting period.

2. Traffic Counts and HPMS Support

Staff prepared the draft agenda for the March HPMS Coordinating Committee meeting, participated in this meeting, and drafted the meeting summary for this meeting. At this meeting, COG/TPB staff reported on monthly traffic volume observed at Permanent Count Stations (PCS) and HERE Stakeholder Application Stations. Staff also provided a status report on the short-term counting program. Staff described the development of the 2014 annual growth factor and seasonal adjustment factors. During the meeting, COG/TPB staff learned that DDOT is considering replacing non-functional loops with non-intrusive counting sensors. COG/TPB staff suggested that research on converting length based classification data to the 13 FHWA vehicle classifications be reviewed as a part of this consideration.

Staff processed the February 2014 continuous traffic counts observed at HERE Stakeholder Application (formerly Traffic.com) stations on DDOT interstate and freeway sections as well as the February 2014 continuous traffic counts observed at DDOT owned PCS on interstates, freeway, primary arterials, and minor arterial sections.

Staff distributed the seasonal adjustment factors and requested feedback from the HPMS Coordinating Committee.

Staff produced the AADT estimates for 2014 and obtained approval of the short-term counts by DDOT.

Staff coordinated with DDOT on review of PCS field inspection data.

Staff assigned 66 traffic counts to be conducted by the contractor by May 15. Also, the contractor was requested not to conduct counts on principal arterials during the week of March 30 to April 3 and April 6 to 10 due to Spring Break.

Staff provided coordination between the US Capitol Police Board and the short-term contractor to help schedule counts located on roads under the jurisdiction of the US Capitol Police Board.

Staff requested CY2014 WIM data for use in developing sections data, the annual growth factor, and seasonal adjustment factor from Rahul Jain.

Staff requested a copy of Maryland's 2014 Volume, Class, and Turning Movement count file for District 3, 4, 5, and 7. This file will be used to identify and review any differences between the volumes observed by Maryland and the District.

3. Loading Berth Survey (formerly Bicycle Counts)

Staff and temporary field staff began GIS, attribute, and imagery field data collection at loading berth locations specified by DDOT, using a tablet and DDOT.

4. Other Tasks to Be Defined

No staff work activity during the reporting period.

B. MARYLAND

1. Program Development /Management

Up-to-date budgets and remaining deliverables were reviewed in order to amend the FY2015 scope of work and budget and to derive carryover budget estimates for FY2016.

2. Project Planning Studies

Staff participated in the monthly team meeting of the MTA Southern Maryland Rapid Transit project, designed to evaluate bus rapid transit options along MD 5 in Prince George's and Charles Counties and provided feedback to the team.

3. Feasibility/Special Studies

Work continued on the Veirs Mill Road, MD 355 and US 29 studies. Staff met with MD SHA and its consultants to exchange inputs/outputs and key findings, and to coordinate schedule of deliverables among the various study participants. MD SHA staff identified project priorities and based on this input work continued on the development of 2040 No-Build scenarios of MD 355 and US 29 with anticipated delivery timeframe at the end of April.

4. Transportation Performance Measures

Work continued on MDOT's multi-modal accessibility (MMA) project by participating in a meeting designed to assess ways to incorporate the MMA methods in current BRT planning studies.

5. Training/Miscellaneous Technical Support

No staff work activity during the reporting period.

6. Transportation / Land Use Connections Program (TLC)

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.

7. Human Services Transportation Study/ Follow-up and Support

No staff work activity during the reporting period.

8. Other Tasks Yet to Be Defined

No staff work activity during the reporting period.

c. VIRGINIA

1. Data/Documentation Processing

No staff work activity during the reporting period.

2. Travel Monitoring and Survey

No staff work activity during the reporting period.

3. Travel Demand Modeling

Staff responded to a VDOT question about the regional model.

4. Regional and Sub-Regional Studies

Staff participated in conference calls with VDOT and jurisdictional staff to continue the development of the consultant RFP for the NVTA TransAction plan update. Staff presented the findings of the Regional Bus Staging Study to the Technical Committee on March 6, and to the TPB on March 18. Staff prepared materials for and participated in the Virginia Interagency Consultation Group meeting for the I-66 Outside the Beltway conformity analysis on March 30. Staff attended the I-66 Inside the Beltway project launch on March 12. Staff attended the I-66 Outside the Beltway STAG meeting on March 4 and TTAG meeting on March 11.

5. Other Tasks Yet to be Defined

No staff work activity during the reporting period.

D. **WMATA**

1. Program Development

No staff work activity during the reporting period

2. Miscellaneous Services

No staff work activity during the reporting period.

2014 Metrobus Passenger On-Board Survey

Staff continued geocoding of the 23,625 origin and destination addresses geocoding collected in the fall wave of the 2014 Metrobus Survey.

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

A. CASP 27

1. Air Cargo Element Update

Staff continued work on the supply analysis for the Air Cargo Element. Staff provided an update on the project to the Aviation Technical Subcommittee at its meeting on March 26. Staff prepared materials for the March 26 subcommittee meeting.

2. Update Ground Access Forecasts/Ground Access Element

Staff prepared a revised version of the origin-destination forecasts report and data tables, working with updated FAA data and responding to comments from the draft data tables presented in January. Staff presented updated origin-destination forecasts to the Aviation Technical Subcommittee at its March 26 meeting.

3. 2013 Air Passenger Survey

No staff work activity during the reporting period.

8. **SERVICES/SPECIAL PROJECTS**

No staff work activity during the reporting period.

**FY 2015 TRANSPORTATION PLANNING BOARD
COG/TPB BUDGET EXPENDITURE SUMMARY
March 31, 2015**

	BUDGET TOTAL	FUNDS EXPENDED	% FUNDS EXPENDED
1. PLAN SUPPORT			
A. Unified Planning Work Program (UPWP)	73,550.00	47,192.72	64%
B. Transp Improvement Program (TIP)	250,300.00	99,960.87	40%
C. Constrained Long-Range Plan	742,500.00	354,667.40	48%
D. Financial Plan	65,550.00	28,280.96	43%
E. Public Participation	466,060.00	288,281.42	62%
F. Private Enterprise Participation	19,000.00	2,464.43	13%
G. Annual Report	83,350.00	62,374.87	75%
H. Transportation/Land Use Connection Progr	434,900.00	130,298.73	30%
I. DTP Management	488,341.00	351,828.39	72%
SUBTOTAL	2,623,551.00	1,365,349.78	52%
2. COORDINATION PLANNING			
A. Congestion Management Process (CMP)	213,150.00	159,324.11	75%
B. Management, Operations& ITS Planning	404,050.00	201,212.58	50%
C. Emergency Preparedness Planning	78,400.00	23,016.71	29%
D. Transportation Safety Planning	130,100.00	81,151.65	62%
E. Bicycle and Pedestrian Planning	126,250.00	103,289.62	82%
F. Regional Bus Planning	211,600.00	115,617.75	55%
G. Human Service Transportation Coordination	142,700.00	83,013.82	58%
H. Freight Planning	196,050.00	137,764.23	70%
I. MATOC Program Planning Support	124,850.00	111,875.26	90%
SUBTOTAL	1,627,150.00	1,016,265.72	62%
3. FORECASTING APPLICATIONS			
A. Air Quality Conformity	590,500.00	474,050.83	80%
B. Mobile Emissions Analysis	714,500.00	534,915.43	75%
C. Regional Studies	587,200.00	211,484.44	36%
D. Coord Coop Forecasting & Transp Planning	839,400.00	543,012.76	65%
SUBTOTAL	2,731,600.00	1,763,463.46	65%
4. DEVELOPMENT OF NETWORKS AND MODELS			
A. Network Development	800,800.00	556,211.58	69%
B. GIS Technical Support	571,000.00	377,490.38	66%
C. Models Development	1,164,500.00	727,053.90	62%
D. Software Support	186,200.00	141,930.96	76%
SUBTOTAL	2,722,500.00	1,802,686.82	66%
5. TRAVEL MONITORING			
A. Cordon Counts	261,000.00	228,611.44	88%
B. Congestion Monitoring and Analysis	444,100.00	290,963.11	66%
C. Travel Surveys and Analysis Household Travel Survey	1,534,800.00	67,677.73	4%
D. Regional Trans Data Clearinghouse	330,700.00	268,845.45	81%
SUBTOTAL	2,570,600.00	856,097.73	33%
SUBTOTAL CORE PROGRAM ITEMS 1-5	12,275,401.00	6,803,863.51	55%
6. TECHNICAL ASSISTANCE			
A. District of Columbia	382,060.00	127,181.01	33%
B. Maryland	929,840.00	365,633.51	39%
C. Virginia	859,460.00	214,002.96	25%
D. WMATA	254,480.00	165,799.42	65%
SUBTOTAL	2,425,840.00	872,616.92	36%
TPB GRAND TOTAL	14,701,241.00	7,676,480.40	52%

**FY 2015 TRANSPORTATION PLANNING BOARD
FINANCIAL STATUS OF TECHNICAL ASSISTANCE**

March 31, 2015
SUPPLEMENT I

	TOTAL		FTA/STA/LOC		PL FUNDS/LOC	
	AUTHORIZED BUDGET	TOTAL EXPENDITURES	AUTHORIZED BUDGET	FTA EXPENDITURES	AUTHORIZED BUDGET	FHWA EXPENDITURES
A. District of Columbia						
1. Data Request & Misc SVCS	10,000.00	231.12	1,539.72	35.59	8,460.28	195.54
2. DDOT Traffic Counts	235,000.00	115,335.22	36,183.45	17,758.41	198,816.55	97,576.81
3. Loading Berth Survey	70,000.00	11,614.66	10,778.05	1,788.33	59,221.95	9,826.33
4. Other Tasks to be defined	67,060.00	0.00	10,325.37	0.00	56,734.63	0.00
SUBTOTAL	382,060.00	127,181.01	58,826.60	19,582.33	323,233.40	107,598.67
B. Maryland						
1. MD Program Development	25,000.00	13,763.78	3,849.30	2,119.24	21,150.70	11,644.54
2. Project Planning Studies	180,000.00	113,644.89	27,714.99	17,498.15	152,285.01	96,146.74
3. Feasibility / Special Studies	200,000.00	145,719.95	30,794.43	22,436.81	169,205.57	123,283.13
4. Transportation Performance Measures	150,000.00	30,140.67	23,095.82	4,640.82	126,904.18	25,499.85
5. Training Misc. Tech Support	145,000.00	4,508.50	22,325.96	694.18	122,674.04	3,814.31
6. Statewide Transp/ Model Support	0.00	0.00	0.00	0.00	0.00	0.00
7. Trnsp. Landuse Connections	160,000.00	37,894.84	24,635.54	5,834.75	135,364.46	32,060.09
8. Human Service Trnsp. Study	40,000.00	19,960.88	6,158.89	3,073.42	33,841.11	16,887.46
9. Other Tasks to be defined	29,840.00	0.00	4,594.53	0.00	25,245.47	0.00
SUBTOTAL	929,840.00	365,633.51	143,169.46	56,297.38	786,670.54	309,336.13
C. Virginia						
1. VA Data Documentation	23,000.00	1,694.34	3,541.36	260.88	19,458.64	1,433.46
2. FY15 Travel Monitoring	200,000.00	62,739.96	30,794.43	9,660.21	169,205.57	53,079.76
3. FY15 Travel Demand Modeling	169,167.00	7,208.97	26,047.01	1,109.98	143,119.99	6,098.99
4. FY15 Regional Sub Region Study	467,293.00	142,359.69	71,950.11	21,919.43	395,342.89	120,440.26
5. Other Tasks to be defined	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL	859,460.00	214,002.96	132,332.90	32,950.50	727,127.10	181,052.47
D. WMATA						
1. WMATA Program Development	5,000.00	0.00	5,000.00	0.00	0.00	0.00
2. Misc. Services	5,000.00	0.00	5,000.00	0.00	0.00	0.00
3. 2014 Metrobus Passenger On-Board Survey	190,000.00	165,799.42	190,000.00	165,799.42	0.00	0.00
4. Geocode & Tab Jur Residence	0.00	0.00	0.00	0.00	0.00	0.00
5. Other Tasks to be defined	54,480.00	0.00	54,480.00	0.00	0.00	0.00
SUBTOTAL	254,480.00	165,799.42	254,480.00	165,799.42	0.00	0.00
GRAND TOTAL	2,425,842.00	872,616.90	588,808.97	274,629.63	1,837,031.03	597,987.27