

FY 2015

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

**Work Program Progress Report
FEBRUARY • 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 draft document for the FY 2016 UPWP was presented to the Technical Committee on February 6, sent out for 30-day public comment on February 12, and presented to the TPB on February 18. The final draft FY 2016 UPWP and the carry over projects from FY 2015 were prepared for presentation to the Technical Committee in March and the TPB is scheduled to adopt them at its March 18 meeting.

B. Transportation Improvement Program (TIP)

At its meeting on February 6th, the TPB Steering Committee approved two amendments to the FY 2015-2020 TIP. The first amendment, requested by MDOT, was to include funding for two projects on I-70/US 40 in Frederick County and one project on MD 5 in Prince George's County. The second amendment was requested by VDOT to include funding for two grouped projects and for the Rogues Road Reconstruction Project in Fauquier County. At its Meeting on February 18th, the TPB was notified of 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)

The public comment period on the project submissions for the 2015 Update of the CLRP ended on February 14th. Approximately 200 comments were submitted by individuals and organizations over the course of the 30-day comment period. These were summarized by TPB staff and recommended responses for the TPB were developed in cooperation with staff from member agencies. At their meeting on February 18th, the TPB approved the project submissions for inclusion in the Air Quality Conformity Analysis of the 2015 CLRP.

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

The public comment period for the project submissions for the 2015 CLRP was conducted between January 15 and February 14. TPB staff advertised the public comment period in area newspapers and announced it on social media. For the first time, staff produced a video presentation on the projects that were submitted and the process for CLRP development and approval. At the TPB meeting on February 18, staff provided a briefing on comments received and responses to those comments.

The 2015 CAC held its first meeting of the year on February 12. Initial business included introductions from the members present. The committee also received briefings from TPB staff on the upcoming February TPB meeting agenda, as well as the Regional Transportation Priorities Plan. The meeting ending with general discussion on members' goals and priorities for the year ahead.

Staff scoped out work activities to commemorate the TPB's 50th anniversary later this fiscal year. Staff has tentatively planned to develop a video and host an event in June or July.

Staff worked with COG staff to develop a scope for work that will be done by a consultant to develop a style guide and templates for TPB documents and presentations.

Staff developed a draft report identifying short-term improvements in the TPB's public participation process that respond to suggestions that have been received.

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

Access for All Advisory Committee (AFA)

In the month of February, staff drafted a memo with comments submitted by the AFA members on the new project submissions to the 2015 CLRP. These comments were submitted to the TPB at the February 18th, board meeting for consideration.

F. Private Enterprise Participation

The Regional Taxicab Regulators Task Forces meeting scheduled for February 25th was postponed and rescheduled for March 25th, 2015, and staff began planning for the rescheduled meeting of the task force.

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 February *TPB News* was produced and distributed.

Staff developed an outline 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 began preparing for the FY 2016 TLC project solicitation.

Staff planned the next TLC Peer Exchange event, which will be a webinar on the 19th Street LID street repaving project.

Staff reviewed applications for projects in Northern Virginia for funding through the Transportation Alternatives Program (TAP). The next solicitation for TAP projects in Maryland will be this spring. The DC TAP application process will occur in the summer.

I. DTP Management

During February the Director prepared for and participated in the monthly meetings with the DOTs and WMATA, the Board's Steering Committee, Technical Committee, Citizens Advisory Committee and the monthly Board meeting. The substantive undertaking for the month of February included: (1) review and respond comments on the proposed updates to the CLRP, TIP and regional air quality conformity analysis; (2) finalization of the scope of work for regional air quality conformity analysis of the CLRP and TIP; and the (3) preparation and presentation of the Draft FY 2016 UPWP.

Related to the Board's recent addition of the Multi-sector Working Group (MSWG) initiative to examine strategies to reduce Greenhouse Gas in this region, the Director worked with other DTP and COG staff to prepare and conduct the first sub-group meeting of the Transportation sector. The purpose of the meeting was to begin the process of identifying potential transportation sector strategies that could be implemented to realize reductions in CO₂ emissions to help the region advance towards its GHG reductions goals.

In addition to providing general oversight and assistance to the activities under the UPWP executed in February the Director continued to work with the MWAQC and Regional Planning Directors' staff on regional Air Quality and Land use planning related matters respectively.

2. COORDINATION PLANNING

A. Congestion Management Process (CMP)

The February 12, 2015 quarterly Vehicle Probe Data Users Group meeting was organized and conducted, including discussion of arterial vehicle probe data quality of the I-95 Corridor Coalition Vehicle Probe Project, MDSA and VDOT's use and evaluation of probe data and lessons learned. This meeting attracted 28 participants.

Work continued on understanding vehicle probe data that are based on alternative location reference technologies such as INRIX XD® and sub-TMC segmentation, and the multi-vendor environment of the second phase of the Vehicle Probe Project (VPP II).

The monthly National Performance Management Research Data Set (NPMRDS) was downloaded for the period of December 2013 through December 2014 for the Washington region and made ready for further analysis.

Staff monitored the National Performance Management Research Data Set (NPMRDS) Quarterly Webinar.

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

The February 5, 2015 regular meeting of the MOITS Traffic Signals Subcommittee was organized and conducted, including discussion of Transit Signal Priority components of the ongoing regional TIGER-funded bus transit system grant; analysis of the recent regional survey on traffic signal power back-up systems; and discussion of an emerging private-sector initiative to provide traffic signal timings automatically to approaching automobiles' computers for reasons of travel efficiency and emissions reduction. Staff also participated in February meetings of the Northern Virginia Signals Managers as well as the Baltimore Regional Council Traffic Signals Subcommittee.

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.).

The February 10 regular meeting of the MOITS Technical Subcommittee was organized and conducted. As part of the MOITS focus on resiliency and climate change adaptation in relation to transportation operations, the Subcommittee and staff continued discussing and providing technical advice regarding the COG multi-sector greenhouse gas efforts currently being undertaken.

Staff participated in a February 24 Federal Highway Administration-led workshop on Integrated Corridor Management, held at the Maryland State Highway Administration offices in Hanover, Maryland, focusing on the potential for enhanced technology, operations, and transportation systems coordination for I-95 and vicinity.

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 February 10, 2015. Committee discussions and supporting staff work included review of the FY 2014 UASI projects including Evacuation Support Trailers by MDSHA and the Traffic Signals Power Backup Project by COG staff; as well as review of proposals for the FY 2015 Urban Area Security Initiative (UASI) grants applications and the strategic plan under development for the traffic signal power back-up program. Responses to technical questions were provided to the Homeland Security State Administrative Agent (SAA) office regarding the Traffic Signals Power Backup Project.

D. Transportation Safety Planning

In follow-up to the most recent meeting of the Transportation Safety Subcommittee held on October 27, 2014, compilation and analysis of regional crash data continued, in coordination with the state highway safety agencies. Development continued of maps using federal safety data and GIS software to illustrate the locations of fatal crashes across the region in the preparation of the regional safety picture to be presented at the next subcommittee meeting.

Staff prepared a presentation for and hosted a meeting of the American Traffic Safety Services Association on February 25, 2015.

E. Bicycle and Pedestrian Planning

An amendment that the TPB made to the plan at the January 21 meeting, setting a goal for the identification of a circumferential bicycle route or routes around the Washington region, was written up and incorporated into the *2015 Bicycle and Pedestrian Plan for the National Capital Region*.

The new plan was made available on the COG website, and the bicycle and pedestrian planning section was revised to reflect information in the newly adopted plan. The on-line, interactive Visualization of the plan was updated and corrected, and made available on the COG web site.

A keynote speaker was secured for the planned April 28th Pedestrian Spaces training workshop. The speaker, from NYCDOT, will discuss NYC's efforts to reclaim street spaces for pedestrians.

Staff gathered materials from the bicycle and pedestrian subcommittee for incorporation into the 2015 edition of the regional Bike to Work Guide.

Staff met with the new regional Safe Routes to School Coordinator to explore possible ways to enhance coordination between Safe Routes and COG/TPB programs, including extraction of journey to school mode share data from the COG household travel survey, more explicit consideration of walking to school in regional plans, consideration of pedestrian access to school in the selection of projects for funding through the Transportation Alternatives and Transportation-Land Use Connections programs, and co-sponsorship of the annual regional Safe Routes to School meeting.

F. Regional Bus Planning

The Regional Public Transportation Subcommittee met on February 24. Agenda topics include a preview of the Spring 2015 StreetSmart campaign, an update on the TPB's TIGER project on Priority Bus Transit, and a presentation from Montgomery County on their rapid transit planning. This was followed by a brainstorming session on what the process would be for operators to transfer bus routes to another operator, which led to considerable discussion and a request to take this topic up again in future. Participants also discussed the contents for the proposed State of Public Transportation report.

TPB staff developed 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.

G. Human Service Transportation Coordination

During the month of February, staff coordinated with representatives from FTA, the Virginia Department of Rail and Public Transportation (DRPT) and the Maryland Transit Administration (MTA) on Section 5310 Enhanced Mobility funding to support vehicle acquisition for non-profit agencies serving the Washington DC-VA-MD Urbanized Area. Staff developed the schedule for Human Service Transportation Coordination Task Force meetings and attended WMATA's JCC February meeting to listen to the WMATA staff presentation on a study underway regarding the sustainability of MetroAccess services and alternatives being explored.

H. Freight Planning

Staff participated in a Maryland State Highway Administration (SHA) workshop to provide regional perspective to the effort to update Maryland's Surface Transportation Assistance Act (STAA) truck route system.

An analysis was finalized of Highway Performance Monitoring System (HPMS) truck data to support the Regional Freight Network.

Work continued on the analysis of regional freight demand using the Federal Highway Administration's FAF (Freight Analysis Framework) dataset.

Speakers were secured and the agenda was finalized for the upcoming e-commerce themed meeting of the TPB Freight Subcommittee scheduled for early March.

Staff attended the Federal Highway Administration's national February Talking Freight seminar to learn about recent research findings related to regional and intraregional freight movements and infrastructure investment decisions.

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 February 2015 period, staff prepared for and participated in the MATOC Severe Weather Working Group on February 9; the MATOC Steering Committee meeting on February 13; the MATOC Transit Task Force on February 26; and the MATOC Operations Subcommittee on February 26. Staff also followed up on action items identified at previous meetings, and began preparations for March 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

After the conformity Scope of Work was presented to the TPB Technical Committee and the TPB, it was approved on February 18th. In parallel, the preparatory work for the 2015 conformity cycle continued by: finalizing the highway and transit projects to be coded in the networks; by developing a summary of the significant project changes since the previous conformity cycle; by updating transit service assumptions to be used as a base for the transit networks; by reviewing existing Park-and-Ride facilities in VA and DC for updating the GIS network database; and by updating transit fare inputs for WMATA and other transit service providers, and by updating highway toll inputs. 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:

- Responded to data requests for VDOT relating to network differences between the 2012 and 2014 CLRPs, and confirmed that the scope of the VA 8 widening project is consistent with the project assumptions in the current CLRP.
- Coordinated with the MWCOG DEP department 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.
- Presented to MWAQC TAC the results of sensitivity tests comparing Year 2015 criteria pollutant and GHG mobile emissions inventories using MOVES2010 and MOVES2014 in order to quantify the differences that the two emissions models yield when the same inputs are used.
- Participated in the monthly Multi-Sector GHG Working Group meeting.

C. Regional Studies

Staff developed and issued the Request for Proposals (RFP) for consultant assistance to be provided to the Multi-Sector Working Group (MSWG) that is examining potential strategies to reduce greenhouse gases (GHG) in the metropolitan Washington region.

Staff presented background information on previous GHG studies and facilitated a brainstorming session with the Transportation Sector subgroup of the MSWG on February 27th. The strategies discussed at this meeting covered four major areas: Fuel Efficiency/Low Carbon Fuel, System and Operational Efficiency, Reduce Growth in VMT and Vehicle Trips, Other Sectors that Support Transportation Strategies. The complete resulting list of strategies suggested at this meeting was posted on the COG website.

Staff compiled an initial draft list of unfunded transportation projects from the Maryland county priority letters, the 2012 Highway Needs Inventory in Maryland, the Maryland Consolidated Transportation Plan, the NVTA Transaction 2040 Plan and additional submissions received from Frederick and Montgomery counties, the City of Alexandria, Loudoun and Prince William counties, VRE and WMATA.

Prepare Grant Applications for USDOT Grant Funding Programs

No work activity during this reporting period.

D. Coordination Cooperative Forecasting & Transportation Planning

Staff prepared a draft TAZ-level Round 8.3 Cooperative Forecasting land activity database for all jurisdictions in the TPB modeled area and reviewed the updated Round 8.4 TAZ-level forecasts submitted by COG member jurisdictions and the Baltimore Metropolitan Council (BMC) for the jurisdictions in the BMC portion of the TPB modeled area. Staff followed up with questions for specific TAZs that had very high or extremely low average household sizes and received answers to these questions and, in a few cases, recommended adjustments to the household, household population and group quarter population totals for these specific TAZs.

Staff developed a presentation highlighting the significant changes in the Round 8.4 Cooperative Forecasts and gave this presentation to the TPB Technical Committee at their February 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.

Staff continued the review and analysis of the employees per square foot assumptions and industry type (NAICS) to land use type conversion factors being used by local jurisdictions in preparing Cooperative Forecasting TAZ-level employment forecasts.

4. DEVELOPMENT OF NETWORK / MODELS

A. Network Development

The documentation of the 2014 CLRP transportation network report has been completed after being presented and review by the Travel Forecasting Subcommittee.

Staff completed the regional base-year (2014) transit network that will serve as a basis for building forecast-year transit networks for the upcoming (2015 CLRP) air quality conformity assessment. Work in forecast year networks has begun.

As the base year network has been completed using the existing ArcGIS 9.3-supported database and network editor, staff has begun testing a newer version database system that is supported by ArcGIS 10. Testing of the newer version will proceed over the next few months.

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.

B. GIS Technical Support

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

Staff performed ArcGIS software installations on DTP user workstations.

Staff developed a draft questionnaire to evaluate current usage of GIS data and software within DTP.

Staff began to assemble spatial data information to support the mapping of proposed transportation projects that are likely to be included in the list of unfunded projects requested by the TPB. Staff obtained a GIS file of Maryland's Highway Needs Inventory and requested a GIS database containing MDOT projects part of the state's Consolidated Transportation Plan (CTP). Staff also obtained the list of transportation projects included in 2014 Priority Letters from TPB's Maryland jurisdictions and requested Montgomery County's Master Plan for Highways and Bikeways.

Staff updated the future transit and major roads data layers in the spatial data library.

Staff responded to a request from the Northern Virginia Transportation Commission (NVTC) for regional transit network data.

Staff completed the compilation of a contact list of key GIS contacts in the region and the location of the GIS staff within each jurisdiction's organizational structure for the Chief Information Officers (CIO) Committee.

Staff planned the NCR GDX Governance Working Group meeting originally scheduled for February 24th, but subsequently rescheduled for March 4th.

Staff attended the February meeting of the Maryland State Geographic Information Committee (MSGIC) and participated in the discussion regarding Maryland State Bill 0094 - Automated Mapping-Geographic Information Systems - Systems Service Costs.

Staff attended the Data Literacy Bootcamp (d|Bootcamp) DC, held at the World Bank.

C. Models Development

The consultant-assisted project to develop and apply the regional travel demand model made substantial progress during February:

- Staff worked with its consultant, Cambridge Systematics, to finalize a stakeholder survey of current and future users of the regional travel demand model. The information derived from this survey will be used to identify possible improvements to the model, which, in turn, will be used by the consultant to develop a multi-year strategic plan for improvements to the TPB's travel demand forecasting procedures. A web-based survey was sent to about 160 people identified as stakeholders. The survey will close in early March.
- A travel modeling stakeholder meeting was held at COG offices on February 27. The purpose of this meeting was to solicit further input from model users and to provide some interim results from the web-based stakeholder survey. Presentations were made by both COG/TPB staff and the consultant.
- TPB staff and the consultant developed a second web-based survey that will be sent to 23 large MPOs to assess the state of modeling practice in MPOs considered peers of the TPB. The MPO survey will likely be opened for input in early March.

In addition, TPB staff proposed a fourth and final task order for the FY 2015 consultant contract: Assistance migrating to new transit path-building software (Task Order 15.4). The consultant sent COG/TPB staff a proposal, which was then authorized by COG/TPB staff on February 26.

Staff responded to 12 data technical requests: One for a state DOT or WMATA, three for local agencies, and eight for private developers or consultants.

One staff member attended the following Travel Model Improvement Program (TMIP) webinar on February 19: "Transferability: How to Make It Work Best for Your Model."

On February 11, COG/TPB staff met with WMATA staff to discuss several improvements to the currently adopted travel demand model (the desired improvements were articulated in a letter from WMATA to the TPB chair in October). Staff is developing a meeting summary memorandum, which

should be finished in early March. WMATA's concerns will be considered as TPB staff moves forward with its models improvement plans.

TPB staff met with Transurban staff to discuss ways in which travel forecasting objectives might be achieved through mutual cooperation.

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.

B. Congestion Monitoring and Analysis

Reviews were undertaken and comments provided to the contractor regarding the aerial survey 2011 and 2014 pictures arrayed on the Google Earth, as well as for the 1-second Time Lapse Photography pilot project; a status report was prepared and presented at the February MOITS Technical Subcommittee.

Preparations began for presentation of the findings of the 2014 freeway system performance study to the TPB Technical Committee at their March 2015 meeting.

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

Staff finalized and mapped the special tabulations of household income, average commute times and non-motorized commuting travel by Census Transportation Planning Product (CTPP) by two levels of CTPP zonal geography for inclusion in the Regional Transportation Data Clearinghouse (RTDC) database.

Staff continued to develop 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 continued to update the CY2013 highway traffic data in the RTDC highway network.

Staff created a GIS dataset of containing HPMS pavement quality (International Roughness Index—IRI—rating) data for the TPB planning region for future inclusion to the RTDC. Staff also documented the procedures used to create this dataset in a technical memorandum.

Staff created a GIS dataset containing National Bridge Inventory (NBI) data for the TPB planning region for future inclusion in the RTDC. Staff produced a summary report of the number of bridges on NHS routes, as of April 1, 2014 from this dataset.

Staff incorporated the 2013 Regional Air Passenger Survey into the RTDC.

Staff continued to update the current RTDC Flex web application code to reflect changes to the datasets included in this application.

Staff continued the creation and update of ArcGIS Online (AGO) content for current and new RTDC datasets.

Staff continued to develop a RTDC project web page on the AGIS Online Open Data model.

Staff created several ArcGIS map documents from Census Transportation Planning Package (CTPP) datasets being developed for inclusion in the RTDC.

Staff attended the Vehicle Probe Data Users Group Meeting on February 12th.

6. TECHNICAL ASSISTANCE

A. DISTRICT OF COLUMBIA

1. Program Development, Data Requests & Miscellaneous Services

No work activity during the reporting period.

2. Traffic Counts and HPMS Support

Staff prepared the draft agenda for the February HPMS Coordinating Committee meeting, participated in this meeting, and drafted the meeting summary for this meeting. At this meeting staff described the evolution of COG/TPB work with the HPMS Committee for senior DDOT staff attending the HPMS Coordinating Committee meeting for the first time.

Staff processed the January 2014 continuous traffic counts observed at HPMS stations on DDOT interstate and freeway sections as well as the November, December, and January 2014 continuous traffic counts observed at DDOT permanent count stations (PCS) on interstates,

freeway, primary arterials, and minor arterial sections. Staff notified DDOT about PCS sensors that did not appear to be properly functioning during January.

Staff assigned 75 traffic counts to be conducted by the contractor by March 31st.

Staff finalized the geodatabase used to create the 2013 DDOT Traffic Volume Map and provided it to DDOT staff.

Staff finalized the letter of request for short-term counts located on roads under the jurisdiction of the US Capitol Police Board and communicated with the short-term contractor about these locations so that preparations could be made to count them as soon as clearance is obtained from the US Capitol Police Board.

Staff began annual processing for the CY2014 traffic data. Staff developed seasonal adjustment factors and a CY2013-CY2014 annual growth factor. For the first time, seasonal adjustment factors were developed based upon location and functional class, these include: (1) Interstate and Other Freeway and Expressway, (2) Core Principal Arterials, Minor Arterials, and Major Collectors, and (3) Other. In addition, in preparation to develop vehicle class seasonal adjustment factors for the first time, staff reviewed the classification data reported by the DDOT-owned PCS during 2014 for any anomalies.

Staff provided assistance to DDOT staff by (1) providing historic traffic counts at two ramp locations to Rahul Jain, (2) providing recommendations on improving the current automated Loop checker report and developing an automated report for the video, acoustic, infrared, and microwave sensors to James Graham, (3) explaining how the acoustic and microwave sensors on SW Freeway are summarized, including providing a map, for HPMS to Rakesh Jain, and (4) in preparation for a meeting between Sandra Jackson (FHWA) and Dr. Jefferson staff provided details about operational status of the PCS and Vehicle Detection Sensors (VDS), status of transmitting data to the Howard University Transportation Research Center (HUTRC), Virginia Tech on-site support services, Traffic Monitoring Data Requirements, and DDOT Loop Checker.

3. Loading Berth Survey (formerly Bicycle Counts)

No work activity during the reporting period.

4. Other Tasks to Be Defined

No 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. Staff attended a transit ridership workshop and provided feedback on modeling methodology and validation result.

3. Feasibility/Special 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. Staff attended a transit ridership workshop and provided feedback on modeling methodology and validation result.

4. Transportation Performance Measures

Work continued on MDOT's multi-modal accessibility (MMA) project by meeting with MDOT staff and consultants and by receiving an update on the completed project work.

5. Training/Miscellaneous Technical Support

No work activity during the reporting period.

6. Transportation / Land Use Connections Program (TLC)

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

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

No work activity during the reporting period.

8. Other Tasks Yet to Be Defined

No work activity during the reporting period.

C. VIRGINIA

1. Data/Documentation Processing

No work activity during the reporting period.

2. Travel Monitoring and Survey

No work activity during the reporting period.

3. Travel Demand Modeling

Staff participated in conference calls with VDOT and jurisdictional staff to develop the modeling and analysis portions of an initial scope for the consultant RFP for the NVTA TransAction plan update. Staff provided feedback to VDOT as part of the HB 599 peer review.

4. Regional and Sub-Regional Studies

Staff participated in conference calls with VDOT and jurisdictional staff to develop the scenario testing portion of an initial scope for the consultant RFP for the NVTA TransAction plan update. Staff began preparing the presentation for the Regional Bus Staging Study for the March Technical Committee meeting and TPB meeting.

5. Other Tasks Yet to be Defined

No work activity during the reporting period.

D. WMATA

1. Program Development

No work activity during the reporting period

2. Miscellaneous Services

No work activity during the reporting period.

2014 Metrobus Passenger On-Board Survey

Staff completed the geocoding of the home address data collected in the fall wave of the 2014 Metrobus Survey. About 89% of the non-blank home addresses were successfully geocoded.

Staff began the 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.

2. Update Ground Access Forecasts/Ground Access Element

Staff continued preparation 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.

3. 2013 Air Passenger Survey

No work activity during the reporting period.

8. SERVICES/SPECIAL PROJECTS

No work activity during the reporting period.

**FY 2015 TRANSPORTATION PLANNING BOARD
COG/TPB BUDGET EXPENDITURE SUMMARY
February 28, 2015**

	BUDGET TOTAL	FUNDS EXPENDEE	% FUNDS EXPENDED
1. PLAN SUPPORT			
A. Unified Planning Work Program (UPWP)	73,550.00	47,192.64	64%
B. Transp Improvement Program (TIP)	250,300.00	90,059.49	36%
C. Constrained Long-Range Plan	742,500.00	322,546.06	43%
D. Financial Plan	65,550.00	28,280.96	43%
E. Public Participation	466,060.00	256,685.63	55%
F. Private Enterprise Participation	19,000.00	1,054.83	6%
G. Annual Report	83,350.00	59,044.87	71%
H. Transportation/Land Use Connection Progr	434,900.00	96,302.06	22%
I. DTP Management	488,341.00	323,463.28	66%
SUBTOTAL	2,623,551.00	1,224,629.81	47%
2. COORDINATION PLANNING			
A. Congestion Management Process (CMP)	213,150.00	142,205.15	67%
B. Management, Operations& ITS Planning	404,050.00	176,466.34	44%
C. Emergency Preparedness Planning	78,400.00	20,698.71	26%
D. Transportation Safety Planning	130,100.00	70,467.59	54%
E. Bicycle and Pedestrian Planning	126,250.00	94,712.37	75%
F. Regional Bus Planning	211,600.00	99,870.82	47%
G. Human Service Transportation Coordination	142,700.00	81,460.76	57%
H. Freight Planning	196,050.00	122,929.84	63%
I. MATOC Program Planning Support	124,850.00	103,241.24	83%
SUBTOTAL	1,627,150.00	912,052.82	56%
3. FORECASTING APPLICATIONS			
A. Air Quality Conformity	590,500.00	461,865.21	78%
B. Mobile Emissions Analysis	714,500.00	464,477.75	65%
C. Regional Studies	587,200.00	180,791.41	31%
D. Coord Coop Forecasting & Transp Planning	839,400.00	480,749.71	57%
SUBTOTAL	2,731,600.00	1,587,884.08	58%
4. DEVELOPMENT OF NETWORKS AND MODELS			
A. Network Development	800,800.00	466,501.77	58%
B. GIS Technical Support	571,000.00	357,177.82	63%
C. Models Development	1,164,500.00	635,462.57	55%
D. Software Support	186,200.00	121,181.84	65%
SUBTOTAL	2,722,500.00	1,580,324.01	58%
5. TRAVEL MONITORING			
A. Cordon Counts	261,000.00	205,788.70	79%
B. Congestion Monitoring and Analysis	444,100.00	261,853.50	59%
C. Travel Surveys and Analysis Household Travel Su	1,534,800.00	56,164.78	4%
D. Regional Trans Data Clearinghouse	330,700.00	229,381.78	69%
SUBTOTAL	2,570,600.00	753,188.76	29%
SUBTOTAL CORE PROGRAM ITEMS 1-5	12,275,401.00	6,058,079.48	49%
6. TECHNICAL ASSISTANCE			
A. District of Columbia	382,060.00	103,979.22	27%
B. Maryland	929,840.00	266,231.45	29%
C. Virginia	859,460.00	181,681.27	21%
D. WMATA	254,480.00	151,953.77	60%
SUBTOTAL	2,425,840.00	703,845.73	29%
TPB GRAND TOTAL	14,701,241.00	6,761,925.19	46%

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

February 28, 2015
SUPPLEMENT 1

	TOTAL		FTA/STA/LOC		FTA		PL FUNDS/LOC	
	AUTHORIZED BUDGET	TOTAL EXPENDITURES	AUTHORIZED BUDGET	TOTAL EXPENDITURES	EXPENDITURES	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	103,748.10	36,183.45	15,974.32			198,816.55	87,773.78
3. Loading Berth Survey	0.00	0.00	0.00	0.00			0.00	0.00
4. Other Tasks to be defined	137,060.00	0.00	21,103.42	0.00			115,956.58	0.00
SUBTOTAL	382,060.00	103,979.22	58,826.60	16,009.90			323,233.40	87,969.32
B. Maryland								
1. MD Program Development	25,000.00	9,579.26	3,849.30	1,474.94			21,150.70	8,104.32
2. Projectr Planning Studies	180,000.00	92,593.00	27,714.99	14,256.74			152,285.01	78,336.26
3. Feisibility / Special Studies	200,000.00	123,106.73	30,794.43	18,955.01			169,205.57	104,151.72
4. Transportation Performance Measures	150,000.00	21,676.45	23,095.82	3,337.57			126,904.18	18,338.88
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. Trnsnp. Landuse Connections	160,000.00	14,767.52	24,635.54	2,273.79			135,364.46	12,493.73
8. Human Service Trnsnp. Study	40,000.00	0.00	6,158.89	0.00			33,841.11	0.00
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	266,231.45	143,169.46	40,992.23			786,670.54	225,239.22
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	7,076.63	26,047.01	1,089.60			143,119.99	5,987.03
4. FY15 Regional Sub Region Study	467,293.00	110,170.33	71,950.11	16,963.16			395,342.89	93,207.17
5. Other Tasks to be defined	0.00	0.00	0.00	0.00			0.00	0.00
SUBTOTAL	859,460.00	181,681.27	132,332.90	27,973.86			727,127.10	153,707.41
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	151,953.77	190,000.00	151,953.77			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	151,953.77	254,480.00	151,953.77			0.00	0.00
GRAND TOTAL	2,425,842.00	703,845.71	588,808.97	236,929.76			1,837,031.03	466,915.95