

FY 2016

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

**Work Program Progress Report
SEPTEMBER • 2015**

1. PLAN SUPPORT

A. Unified Planning Work Program (UPWP)

The progress report for July and August on UPWP work activities was prepared. Staff began to compile information for an amendment to the FY 2016 UPWP that will be scheduled for approval in the fall.

B. Transportation Improvement Program (TIP)

At their September 4 meeting, the TPB Steering Committee approved three amendments to the FY 2013-2018 TIP. The first two amendments were requested by the Maryland Department of Transportation (MDOT) to include funding for three transit operating programs, and to include funding for the I-95/I-495 at Greenbelt Metro Station Interchange Construction project and three bridge replacement projects. The third amendment was requested by the Virginia Department of Transportation (VDOT) to include funding for the Jones Branch Drive Connector and Purcell Road Realignment projects and for acquisition of a CAD/AVL system and VRE Rolling Stock.

At their meeting on September 16, the TPB was provided with a notice item that VDOT had requested an amendment to the FY 2015-2020 TIP to include new and updated funding information for 18 projects.

C. Constrained Long-Range Plan (CLRP)

At their meeting on September 4, the TPB Technical Committee was briefed on the draft 2015 CLRP amendment, including a summary of the new major projects and significant changes, an analysis of the performance of the CLRP with respect to daily and commuting mode share, trips in Activity Centers, roadway and transit congestion, accessibility to jobs by auto and transit, and carbon dioxide emissions.

The draft CLRP amendment was released for public comment at the Citizens Advisory Committee meeting on September 10. The comment period was publicized with ads in the Washington Post, Washington Hispanic, and Afro-American newspapers, and electronically via the COG and CLRP websites, email, Facebook and Twitter. The TPB was briefed on the draft 2015 update to the CLRP and its analysis at its meeting on September 16.

D. Financial Plan

The financial summaries in the FY 2015-2020 TIP were reviewed and updated as administrative modifications, and TIP amendments were approved. The 2014 CLRP Financial Analysis information was included in the 2015 Amendment to the CLRP performance analysis.

E. Public Participation

The 2015 CLRP Amendment was released for public comment on September 10. Staff coordinated public participation activities, which included the development of a summary brochure and a new website on the draft amendment.

At its September meeting, the Citizens Advisory Committee (CAC) discussed the upcoming TPB agenda, including items related to the 2015 CLRP amendment. The committee was

also provided with an update on the Multi-Sector Working Group and discussed the regional list of unfunded capital needs.

Staff continued work activities to commemorate the TPB's 50th anniversary later this fiscal year. Among other preparations, staff continued working with a consultant on the development of a video to commemorate the occasion. Events are planned for November and December.

Staff worked with a consultant to finalize 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.

Staff planned for the fall session of the TPB Community Leadership Institute, which was scheduled for October.

F. Private Enterprise Participation

TPB staff conducted discussion sessions on September 3 with the State DOT experts on Highway Conditions and on September 10 with the experts on Highway Safety. Highlights of the two discussion sessions were prepared and sent out to participants. TPB staff began planning for preliminary analysis of performance measures for the metropolitan planning area for these two areas in upcoming months.

On September 30, the proposed rulemaking for Transit Asset Management was published, and staff began review. TPB staff continued review of the Public Transportation Safety Program proposed rulemaking and tracked the schedule for publication of other performance measurement notices by USDOT.

G. TPB Annual Report and TPB News

The *TPB News* was produced and distributed.

The text for the new *Region* magazine was finalized and sent to a designer for layout.

H. Transportation / Land Use Connection Program (TLC)

Staff issued a Request for Proposals using a list of pre-qualified consultants for the program. Consultants will be selected in October. Contracts will be finalized in November.

I. DTP Management

Staff support was provided for the September meetings of the TPB, the TPB Steering Committee, the State Technical Working Group and the TPB Technical Committee.

The DTP Director participated in the September MWAQC/TAC Meeting and Executive Committee Conference Call.

The DTP Director participated in the September SSO MSC Support Policy Group Meeting and the TOC Internal Monthly Meeting.

The DTP Director participated in the September Planning Directors' Meeting.

The DTP Director conferred with the TPB Chairman on the Board requested presentations on Metro's challenges and how the TPB might assist WMATA with these challenges. The DTP Director then discussed the content of these requested presentations with WMATA staff and the scheduling of these presentations at upcoming TPB meetings.

The DTP Director conferred with the TPB Chairman on the Board requested work session on the TPB's draft Freight Plan to be held before the October TPB meeting.

The DTP Director briefed the MD General Assembly Joint Committee on Federal Relations on the TPB's Metropolitan Planning Organization (MPO) roles, responsibilities and transportation planning processes.

The DTP Director participated in a briefing given to the members of the Northern Virginia Transportation Authority on the Interim Findings of COG's Multi-Sector Working Group that was established to examine potential Greenhouse Gas reduction strategies and potential goals and targets in the Energy, Built Environment Land Use and Transportation Sectors.

2. COORDINATION PLANNING

A. Congestion Management Process (CMP)

Speed data from the I-95 Vehicle Probe Project, volume data from the FHWA's Transportation Technology Innovation and Demonstration (TTID) program, and transit ridership data from public transportation providers were compiled, to undertake a quantitative analysis of regional traffic and transit impacts of the Pope's September 22-24, 2015 official visit to Washington; analysis results were anticipated to be published in October.

Staff investigation was initiated on alternative ways to store and query massive vehicle probe data sets, as well as on new techniques to visualize transportation systems performance measures, for the enhancement of CMP analysis capabilities.

On September 22, staff monitored the I-95 Corridor Coalition Vehicle Probe Project team webcast and provided updates regarding COG/TPB's latest uses of the vehicle probe data.

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

The September 10, 2015 joint meeting of the MOITS Technical Subcommittee and the MOITS Traffic Signals Subcommittee was organized and conducted. The Subcommittee received information and provided input on an upcoming annual survey of traffic signal power back-up systems in the region; innovative products using radar technology for vehicle detection; and MOITS/traffic signals-related aspects of the ongoing regional TIGER grant.

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.).

Staff conducted a document review on security breach vulnerabilities of traffic control systems, and began preparing a summary presentation on the topic for presentation to the MOITS Technical Subcommittee and the RESF-1 Committee in October.

Staff participated via conference call in a September 25 meeting of the Executive Board of the I-95 Corridor Coalition.

Staff participated in a September 25 coordination meeting for the implementation of Transit Signal Priority under the regional TIGER grant.

C. Transportation Emergency / Security Planning

The September 17, 2015 meeting of the Regional Emergency Support Function 1 - Transportation (RESF-1) Committee was organized and conducted. The Committee discussed information on the National Capital Region Homeland Security Strategic Plan, including the regional capability assessment with respect to the strategic plan. An ongoing Committee look at the topic of security vulnerabilities in traffic control systems was initiated. Preparations for the Papal visit to the region and associated potential impacts were reviewed.

A status report was prepared for the Urban Area Security Initiative (UASI) Program Management Office (PMO) the UASI-funded traffic signals power backup project.

D. Transportation Safety Planning

An interagency information sharing meeting was prepared for and conducted among TPB staff and state-level safety officials in Maryland, Virginia, and the District of Columbia, to organize for the implementation of MAP-21 safety performance management requirements, especially regarding particular considerations for the multi-state context of the National Capital Region.

Staff coordinated with state agencies in the compilation of crash data for the development of the regional safety picture and in support of the upcoming fall Street Smart campaign and press event. Staff presented on the Street Smart campaign results and proposed activities for FY 2016 at meetings of the Regional Public Transportation Subcommittee and the COG Police Chiefs Committee. Staff also began preparations for a Street Smart briefing for the upcoming October TPB and TPB Technical Committee meetings.

A September 30 pedestrian and bicyclist safety law enforcement best practices seminar, in conjunction with the fall 2015 Street Smart campaign, was prepared for and conducted.

E. Bicycle and Pedestrian Planning

An interagency information sharing meeting was prepared for and conducted among TPB staff and state-level safety officials in Maryland, Virginia, and the District of Columbia, to organize for the implementation of MAP-21 safety performance management requirements, especially regarding particular considerations for the multi-state context of the National Capital Region.

Staff coordinated with state agencies in the compilation of crash data for the development of the regional safety picture and in support of the upcoming fall Street Smart campaign and press event. Staff presented on the Street Smart campaign results and proposed activities for FY 2016 at meetings of the Regional Public Transportation Subcommittee and the COG Police Chiefs Committee. Staff also began preparations for a Street Smart briefing for the upcoming October TPB and TPB Technical Committee meetings.

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F. Regional Public Transportation Planning

The Regional Public Transportation Subcommittee met on September 22. Agenda topics included presentations by WMATA on options for Metrobus Recalibration and on the GTFS Data Sharing Agreement; the National Park Service on their Multi-Year Tour Bus Operations Study; TPB staff on the Fall 2015 StreetSmart campaign and on the development of the State of Public Transportation Report. TPB staff continued work on developing the State of Public Transportation Report.

TPB staff supported development and review of the 2015 Amendment to the CLRP performance analysis for transit metrics. TPB staff reviewed FTA notices on the Public Transport Improvement Initiative and on Clean Bus Grants. TPB staff attended the monthly WMATA JCC meeting and a meeting of WMATA's Night Bus Study.

G. Human Service Transportation Coordination

During the month of September, staff continued to support the solicitation of Enhanced Mobility grant application which began on August 14. The grant application was revised to clarify vehicle options and the procurement process, federal procurement requirements for other items in an applicant's budget, and other required policies and resolutions. The deadline was extended from October 23 to November 2 to allow applicants more time to obtain the necessary items. Staff continued to provide technical assistance to interested applicants, including inquiries about project and agency eligibility and assistance with using the online application. Staff organized and led two pre-applications conferences, on September 8 in Silver Spring, MD at M-NCPPC and on September 22 at the Tysons-Pimmit Regional Library. Staff worked with jurisdictional staff to arrange presentations to interested groups about the grant opportunity. Two presentations were made in September, one at the Jewish Council for Aging Transportation Providers Roundtable which included agencies and companies serving Montgomery and Fairfax Counties and D.C. The other presentation was to the Arlington County Commission on Aging. Staff worked with Prince George's County staff to try to arrange for a presentation to a similar committee.

H. Freight Planning

Staff prepared for and conducted the regular bimonthly meeting of the TPB Freight Subcommittee. The focus of this meeting was finalizing the strategic framework for the October TPB work session on the policy aspects to be included in the National Capital Region Freight Plan.

Staff developed the agenda and identified topics and speakers for the October special TPB work session focusing on policy input to the Freight Plan.

Staff presented the framework and approach for the October TPB freight policy work session to the TPB Technical Committee.

Staff conducted outreach to key freight stakeholders for written input on information they would like the TPB to be aware of as they begin discussion policy aspects for inclusion in the Freight Plan.

Staff continued to make improvements to the Draft National Capital Region Freight Plan and to address stakeholder comments.

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 September 2015 period, staff prepared for and participated in the September 11 MATOC Steering Committee meeting, and the September 15 MATOC Severe Weather Working Group meeting. Staff also followed up on action items identified at previous meetings, and began preparations for October committee meetings. Activities were in coordination with the MATOC staff from the University of Maryland Center for Advanced Transportation Technology.

Staff continued development of a retrospective Annual Report publication for the MATOC Program for FY2015, to be finalized and published this fall.

3. FORCASTING APPLICATIONS

A. Air Quality Conformity

Following the completion of travel demand and mobile emission forecasts associated with the Air Quality Conformity analysis 2015 CLRP and FY 2015-20 TIP, staff prepared several presentations to communicate analysis findings to all relevant COG and TPB committees. Staff units within the transportation department also coordinated to summarize key findings from the most recent travel demand forecasts. The key findings were packaged in a presentation referred to as the 2015 CLRP Performance Analysis.

Presentations were given to the TPB Technical Committee on 9/4, the MWAQC TAC on 9/8, the CAC on 9/10, the TPB on 9/16, and the TFS on 9/28. Staff completed the draft summary and full conformity reports and posted the summary report on the website, at the beginning of the public comment period.

Staff reviewed MWAQC's comment letter on the conformity analysis, provided input regarding the letter to the MWAQC's Transportation Conformity Sub-Committee. The draft letter was discussed during a conference call that took place on 9/18.

B. Mobile Emissions Analysis

DTP staff has begun work on developing mobile emissions forecasts for several Plan scenarios in support of the Multi-Sector Working Group (MSWG), which is studying the Climate Change issues (Greenhouse Gas mitigation strategies) for the Washington, D.C. region. This work is on-going

DEP staff coordinated with DTP staff regarding State Implementation Planning needs. Staff has begun the development of annual mobile emissions estimates for PM2.5, NOx, SO2, VOC, and NH3 for the analysis years 2007, 2017, and 2025. This analysis will be used as part of the 1997 PM2.5 Maintenance Plan and mobile budgets using the MOVES2014 model, travel demand forecasts and 2014 vehicle inventory data.

Staff kept up to date with MARAMA MOVES modeling activities as part of the photochemical modeling exercise for the new ozone and fine particle standards. DTP staff provided additional travel-related Montgomery County MOVES-formatted data to Parsons Brinkerhoff for use in a hot-spot analysis as part of the Corridor Cities Transitway (CCT) project for MTA.

Two DTP staff members attended EPA-led MOVES2014 training to learn the basics of emissions modeling software, i.e., the input data requirements and the operation of the model. There is a recognized need to expand staff capacity with respect to MOVES modeling.

C. Regional Studies

Staff briefed the members of the Multi-Sector Working Group (MSWG) on the Draft Summary Report and the Draft Power Point presentation on MSWG Interim Technical Findings that was to be given to the TPB and other policy Committees at COG. Staff also provided an overview of the comments received on the MSWG consultant's Draft Interim Technical Report.

Staff revised the Draft Power Point presentation on MSWG Interim Technical Findings in response to the comments received from the members of the MSWG.

Staff continued to review the detailed assumptions and calculations that were made in estimating the Greenhouse Gas (GHG) emission reductions for the Land Use and Transportation Sector strategies that were analyzed by the MSWG consultant.

The consultant responded to questions and comments received on the Draft Interim Technical Report.

Staff presented the MSWG's Interim Findings to the TPB Technical Committee on September 4th and to the TPB on September 16th.

Staff briefed the Northern Virginia Transportation Authority (NVTA) on the Interim Findings of COG's Multi-Sector Working Group that was established to examine potential Greenhouse Gas reduction strategies.

Staff began development of a Power Point presentation and a Summary Report summarizing the key findings from the MSWG consultant's Draft Interim Technical Report.

At the direction of the TPB, staff has compiled a draft inventory of unfunded capital transportation needs. This inventory comprises approximately 500 projects that are included in state, local and regionally approved plans, but are not currently included in the CLRP. In July, TPB Chairman Phil Mendelson appointed a working group to 1) oversee the completion of the draft inventory and 2) develop a scope of work for regional planning activities that will use the inventory as the basis for analysis and outreach.

The Unfunded Capital Needs Working Group held its kickoff meeting on September 16. Based upon discussions during that meeting and comments received thus far, staff identified elements to include in a scope of work.

D. Coordination Cooperative Forecasting & Transportation Planning

Staff continued to research current commercial real estate trends, office vacancy rates, employee per square foot density assumptions and NAICS industry to land use type conversion factors using the Co-Star database.

Staff completed analysis of the updated the IHS Global Insight population, household, and employment projections for the TPB Planning Region and explained the differences between Global Insight, Current Employment Survey (CES) and Quarterly Census of Employment and Wages (QCEW) employment estimates to members of the Cooperative

Forecasting Subcommittee.

Staff completed processing and distribution of InfoGroup establishment level employment data to local jurisdictions. Staff also prepared a memorandum on a suggested methodology for developing base year jurisdictional level employment estimates for the Round 9.0 Cooperative Forecasts.

Staff provided the members of the Cooperative Forecasting Subcommittee with estimates of military employment by military installation in the TPB Planning Region.

Staff continued work on developing an industry-occupation matrix that will be used in developing industry-occupational group projections as part of the development of the Round 9.0 Cooperative Forecasts. Staff also obtained and reviewed additional information on the Labor Insight tool developed by Burning Glass for use in developing industry-occupational group projections and workforce development initiatives.

Staff prepared the monthly Regional Economic Monitoring Report and posted this report on the COG website.

Staff continued work on updating the economic and demographic data tables for the Region Forward Progress Report.

4. DEVELOPMENT OF NETWORK / MODELS

A. Network Development

Staff worked on updating a year-2007 transportation network for use in an analysis of the State Implementation Plan (SIP) for attaining air quality standards. Although a previous year-2007 network was available, it needed to be updated to be compatible with the other networks being used for the SIP modeling work.

Staff has begun its preparation for the developing the 2016 CLRP database, staff. The first step in the process is the update of the base year (2015) transit network. Staff has downloaded year-2015 digital transit schedule data (GTFS data) for most of the transit routes in the region and has collected paper schedules for all remaining routes in the system. These data will be used to update the headways, runtimes and alignments.

Staff continued to test the new version of COGTools in ArcGIS 10.2.1. Staff also worked on migrating COGTools from ArcGIS 9.3.1 to 10.2.1.

B. GIS Technical Support

Staff continued to monitor and manage the operational performance of the ArcGIS server, performed ArcGIS software installations and upgrades on DTP user workstations, and provided installation batch files to users.

Staff completed work on the TPB Unfunded Capital Needs geodatabase to ensure consistency between the spatial data and the project submission spreadsheet, completed a draft web map and application depicting the unfunded projects, and attended the kick off meeting of the TPB Unfunded Capital Needs working group.

Staff completed work on updating the 2015 CLRP geodatabase. Tasks included adding additional spatial data as well as reconciling differences between versions of the CLRP and conformity tables. Staff completed the 2015 CLRP Amendment web map and application

included on the 2015 CLRP Amendment website. Staff began work on identifying the bicycle and pedestrian projects that are included in the CLRP (as reported by jurisdictional staff). Staff continued to participate in regularly held meetings of the CLRP project coordination team.

Staff created a Python script for DTP GIS Users that enables them to process of XY locations into line segments.

Staff obtained a shapefile of Baltimore regional activity centers from BMC and added this shapefile to the GIS Spatial Data Library for use in the airport ground access travel time study.

Staff obtained a shapefile of Traffic Messaging Channel (TMC) locations related to FHWA's National Performance Management Research Data Set (NPMRDS) with added jurisdictional information for the TPB Planning area and surrounding states and added this shapefile to the GIS Spatial Data Library.

Staff prepared a map entitled "MSWG Land-Use Strategy TAZ Types" for use in discussions of the Multi-Sector Working Group to reduce greenhouse gases.

Staff participated in a webinar demonstration of the WMATA Early Warning System that was developed to help predict future Metrorail station enhancement needs based on localized building permits.

Staff planned and participated in the September 15th GIS Committee meeting where the group discussed the next steps in preparing for NextGen 9-1-1 from a GIS perspective. Staff participated in the September 17th CIO Committee meeting. Staff planned and participated in the September 30th NCR GDx meeting where the new tool for consumption of CAD2CAD XML feeds was demonstrated and the UASI 2015 project goals were discussed.

C. Models Development

COG staff and its consultant, Cambridge Systematics (CS), have completed the last three of six technical reports that were initiated during FY 2015. One of the reports completed in September was a proposed multi-year strategic plan for the TPB's models development program. This is a conceptual plan that serves to guide staff on how models development activities will evolve over the next seven years. The plan does not address specific tasks and timelines.

The Travel Forecasting Subcommittee (TFS) met on September 28. CS discussed comments that had been received by various reviewers of the six reports. CS will address all the comments received on the six reports and will transmit the final report versions to the TFS in mid-October (the next, regularly scheduled meeting of the TFS is November 20). COG/TPB staff also announced that it was working with CS to develop an action plan for implementing the first two years of the strategic plan, which focused on improvements to the trip-based model. The action plan is planned to be shared with the TFS by mid-October.

Staff continued to document work with the year-2000 Census Public Use Microdata Sample (PUMS), for eventual use with the EERPAT greenhouse gas estimation tool.

Staff performed some testing of version control software, which might get used in the future to manage scripts used in the travel demand model. Staff completed memorandum on "Select Link Analysis for TPB's Version 2.3.57 Travel Demand Model."

Staff responded to two technical data requests.

D. Software Support

Staff coordinated work efforts with the Information, Technology and Facilities Management (ITFM) team to improve the performance of travel demand servers.

Staff also transferred and backed-up data to free up additional space on the servers.

DTP staff installed MOVES2014 software for the new users in the department and provided basic guidance in regards to how to use the software.

Staff continued to work with COG IT staff to setup and test a new travel model server that will be used for models development work.

Staff also began testing running the new, 64-bit version of Cube Voyager (Cube 6.4). Staff worked with Citilabs staff to investigate a series of software difficulties errors encountered when running the existing TPB travel demand model with the new software.

5. TRAVEL MONITORING

A. Cordon Counts

Staff continued finalizing the 2014 Regional HOV Report.

B. Congestion Monitoring and Analysis

A draft One-Second Time Lapse Aerial Photo (TLAP) Pilot Study report was delivered by the consultant, and staff review and comments were provided. Staff preparing a summary presentation of the TLAP report to be presented in October to the MOITS Technical committee.

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

Staff completed work on analyzing Census Transportation Planning Product (CTPP) Transportation Analysis Districts (TADs) in relation to aggregations of TPB Transportation Analysis Zones (TAZs) to determine the feasibility of using the CTPP TADs for model.

D. Regional Transportation Data Clearinghouse (RTDC)

Staff updated the ArcGIS Online content item "Boundaries for Mapping - TPB Planning Area" that is used in the RTDC Open Data site.

Staff refined the process to summarize 2013 traffic data by month and day-of-week for use in the modeling process by a DTP RTDC user.

Staff completed updating the VMT by jurisdiction file.

Staff provided the CY 2014 DC HPMS Extent and Travel Report and West Virginia's HPMS data to a DTP RTDC User.

Staff provided updated RTDC data for the travel trends presentation that is to be given to the TPB Technical Committee and TPB.

Staff requested and began processing of Permanent Count Station (PCS) PCS “As Collected” and “By Lane” data from VDOT for jurisdictions within the TPB region.

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

The September HPMS Coordinating Committee meeting included status updates by TPB staff on: the short-term counting program, selection process for the FY2016 short-term count contractor, and follow-up information for the proposed modifications to HPMS sections.

The August continuous traffic count data were processed, reviewed and assessed for completeness and reasonableness. The data were from: the

HERE Stakeholder Application (formerly Traffic.com) stations of the District's interstate/freeway sections; and data from the permanent count stations on interstates, freeway, primary arterials and minor arterial sections. A technical report was subsequently submitted to DDOT field inspection personnel, which was supplemented by the September data summaries and notations on missing or questionable data records.

Staff completed the following administrative tasks:

- Developed an agenda for the September HPMS Coordinating Committee meeting, attended the meeting and subsequently drafted the meeting minutes
- Participated in debriefing calls with vendors who were unsuccessful in the short term counting contract
- Disseminated work assignments (i.e., 2-day ramp, 3-day volume, 7-day classification counts) to the short term counting contractor
- Drafted a letter to conduct a count on a street in the jurisdiction of the US Capitol Police Board
- Assisted DDOT staff in preparing a response to comments from FHWA's Travel Monitoring & Surveys Team about the 2014 HPMS transmittal
- Corresponded with HERE/Traffic.com to learn more about the status of transition in ownership of sensors from the company to DDOT especially as it pertains to transitioning staff responsibility from HERE/Traffic.com to VDOT and MD SHA

Staff also began updating the 2014 DDOT Traffic Volume Map and the corresponding database, and the Traffic Monitoring System Report Documentation.

Staff attended 2015 FHWA Highway Information Seminar.

3. Loading Berth Survey (formerly Bicycle Counts)

No staff work activity during the reporting period.

4. Other Tasks to Be Defined

No staff work activity during the reporting period.

B. MARYLAND

1. Program Development /Management

No staff work activity during the reporting period.

2. Project Planning Studies

Staff coordinated with MD SHA staff on technical aspects and schedule of deliverables of the alternatives under consideration for the Montgomery County BRT studies.

4. Feasibility/Special Studies

No staff work activity during the reporting period.

4. Transportation Performance Measures

No staff work activity during the reporting period.

5. Training/Miscellaneous Technical Support

Staff attended the monthly meeting of the Southern Maryland Rapid Transit Study.

6. Statewide Transportation Model Support

No staff work activity during the reporting period.

7. Transportation / Land Use Connections Program (TLC)

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

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

No staff work activity during the reporting period.

9. Other Tasks Yet to Be Defined

No staff work activity during the reporting period.

C. VIRGINIA

1. Program Development and Data/Documentation Processing

Upon request by VDOT staff refined and expanded a draft Scope of Work/Budget/Schedule proposal to conduct highway and bus counts at several locations in the general vicinity of the I-66 corridor.

2. Travel Monitoring and Survey

Staff conducted a field reconnaissance of count of locations along the I-66 corridor.

3. Travel Demand Modeling

No staff work activity during the reporting period.

4. Regional and Sub-Regional Studies

Staff participated in the technical advisory committee meetings for: the I-66 corridor studies inside and outside I-495; VTrans Regional Forum discussions; NVTA JACC, Project Implementation Working Group (PIWG) , and TransAction Technical Advisory Group; and Envision Route 7 project.

5. Other Tasks yet to be Defined

No staff work activity during the reporting period.

D. WMATA

1. Program Development

Staff worked with COG's Contracts and Procurement office on the release of a Request for Proposals (RFP) for a study consultant, and proposals were due on September 25.

2. Miscellaneous Services

Staff finalized a scope of work for a study on how Medicaid transportation services are provided in this multi-state region and opportunities for coordination with Metro Access.

3. Travel Demand Model Improvements

No staff work activity during the reporting period.

4. 2015 Metrobus Passenger On-Board Survey

No staff work activity during the reporting period.

5. Regional Accessibility Strategy for Paratransit Service

No staff work activity during the reporting period.

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

A. CASP 27

1. Air Cargo Element Update

Staff purchased the flight schedule information for the month of October directly from the Official Airlines Guide and prepared optimally proportioned and strictly proportioned survey flight samples for review by the airports.

Staff began the badging process and securing survey field offices at all three airports. Staff finalized the survey questionnaire and transmitted it to the survey contractor for printing. Staff reviewed the on-line version of the survey questionnaire and provided comments to the contractor. Staff provided a survey briefing to the airline station managers and airport management at DCA on September 9, IAD on September 10, and BWI on September 17. Staff provided an update on survey activities to the Aviation Technical Subcommittee at its regular meeting on September 24.

2. Update Ground Access Forecasts/Ground Access Element

Staff presented the draft ground access element section of this project to the Aviation Technical Subcommittee at its regular meeting on September 24.

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 2016 TRANSPORTATION PLANNING BOARD
COG/TPB BUDGET EXPENDITURE SUMMARY
September 30, 2015**

	BUDGET TOTAL	FUNDS EXPENDED	% FUNDS EXPENDED
1. PLAN SUPPORT			
A. Unified Planning Work Program (UPWP)	73,550.00	21,444.59	29%
B. Transp Improvement Program (TIP)	225,300.00	35,527.83	16%
C. Constrained Long-Range Plan	625,885.00	165,274.03	26%
D. Financial Plan	65,550.00	603.47	1%
E. Public Participation	491,060.00	83,557.42	17%
F. Performance-Based Planning for CLRP/TIP	100,000.00	7,379.94	7%
G. Annual Report	83,350.00	5,034.82	6%
H. Transportation/Land Use Connection Program	434,900.00	33,794.59	8%
I. DTP Management	488,333.00	54,688.08	11%
SUBTOTAL	2,587,928.00	407,304.78	16%
2. COORDINATION PLANNING			
A. Congestion Management Process (CMP)	213,150.00	29,316.55	14%
B. Management, Operations, & ITS Planning	429,050.00	79,862.03	19%
C. Emergency Preparedness Planning	78,400.00	17,101.19	22%
D. Transportation Safety Planning	130,100.00	18,388.63	14%
E. Bicycle and Pedestrian Planning	126,250.00	32,944.72	26%
F. Regional Public Transportation Planning	230,600.00	17,813.61	8%
G. Human Service Transportation Coordination	142,700.00	32,136.60	23%
H. Freight Planning	156,050.00	42,217.59	27%
I. MATOC Program Planning Support	124,850.00	17,471.79	14%
SUBTOTAL	1,631,150.00	287,252.72	18%
3. FORECASTING APPLICATIONS			
A. Air Quality Conformity	590,500.00	265,468.69	45%
B. Mobile Emissions Analysis	714,500.00	88,969.82	12%
C. Regional Studies	587,200.00	112,782.11	19%
D. Coord Coop Forecasting & Transp Planning	839,400.00	156,854.60	19%
SUBTOTAL	2,731,600.00	624,075.22	23%
4. DEVELOPMENT OF NETWORKS AND MODELS			
A. Network Development	800,800.00	135,485.61	17%
B. GIS Technical Support	571,000.00	153,896.66	27%
C. Models Development	1,214,500.00	212,924.57	18%
D. Software Support	186,200.00	32,156.05	17%
SUBTOTAL	2,772,500.00	534,462.89	19%
5. TRAVEL MONITORING			
A. Cordon Counts	261,000.00	61,272.79	23%
B. Congestion Monitoring and Analysis	389,100.00	50,142.51	13%
C. Travel Surveys and Analysis Household Travel Survey	1,959,800.00	35,475.08	2%
D. Regional Transportation Data Clearinghouse	330,700.00	26,675.94	8%
SUBTOTAL	2,940,600.00	173,566.33	6%
SUBTOTAL CORE PROGRAM ITEMS 1-5	12,663,778.00	2,026,661.93	16%
6. TECHNICAL ASSISTANCE			
A. District of Columbia	335,376.00	27,421.87	8%
B. Maryland	688,597.00	4,385.45	1%
C. Virginia	697,899.00	65,733.02	9%
D. WMATA	225,321.00	616.77	0%
SUBTOTAL	1,947,193.00	98,157.14	5%
TPB GRAND TOTAL	14,610,971.00	2,124,819.04	15%

**FY 2016 TRANSPORTATION PLANNING BOARD
FINANCIAL STATUS OF TECHNICAL ASSISTANCE**

September 30, 2015
SUPPLEMENT 1

	TOTAL		FTA/STA/LOC		FTA		PL FUNDS/LOC	
	AUTHORIZED BUDGET	TOTAL EXPENDITURES	AUTHORIZED BUDGET	EXPENDITURES	EXPENDITURES	EXPENDITURES	AUTHORIZED BUDGET	FHWA EXPENDITURES
A. District of Columbia								
1. Data Request & Misc SVCS	10,000.00	256.33	1,515.23	38.84			8,484.77	217.49
2. DDOT HPMS	235,000.00	27,165.55	35,607.90	4,116.20			199,392.10	23,049.34
3. DDOT Data Transfer	15,000.00	0.00	2,272.84	0.00			12,727.16	0.00
4. DC MSWG Support	15,000.00	0.00	2,272.84	0.00			12,727.16	0.00
5. Other Tasks to be defined	60,376.00	0.00	9,148.35	0.00			51,227.65	0.00
6. Other Tasks to be defined	0.00	0.00	0.00	0.00			0.00	0.00
SUBTOTAL	335,376.00	27,421.87	50,817.17	4,155.04			284,558.83	23,266.83
B. Maryland								
1. MD Program Development	18,000.00	2,863.26	2,727.41	433.85			15,272.59	2,429.41
2. Project Planning Studies	90,000.00	1,415.60	13,637.07	214.50			76,362.93	1,201.11
3. Feasibility / Special Studies	90,000.00	0.00	13,637.07	0.00			76,362.93	0.00
4. Transportation Performance Measures	80,000.00	0.00	12,121.84	0.00			67,878.16	0.00
5. Training Misc. Tech Support	50,000.00	106.59	7,576.15	16.15			42,423.85	90.44
6. Statewide Transp/ Model Support	0.00	0.00	0.00	0.00			0.00	0.00
7. Trnsp. Landuse Connections	160,000.00	0.00	24,243.68	0.00			135,756.32	0.00
8. Human Service Trnsp. Study	20,000.00	0.00	3,030.46	0.00			16,969.54	0.00
9. MSWG Support	15,000.00	0.00	2,272.84	0.00			12,727.16	0.00
10. Other Tasks to be defined	165,597.00	0.00	25,091.75	0.00			140,505.25	0.00
SUBTOTAL	688,597.00	4,385.45	104,338.26	664.50			584,258.74	3,720.96
C. Virginia								
1. VA Data Documentation	15,000.00	3,573.71	2,272.84	541.50			12,727.16	3,032.21
2. FY16 Travel Monitoring	120,000.00	6,423.53	18,182.76	973.31			101,817.24	5,450.22
3. FY16 Travel Demand Modeling	120,000.00	4,258.31	18,182.76	645.23			101,817.24	3,613.07
4. FY16 Regional Sub Region Study	119,899.00	51,477.48	18,167.45	7,800.02			101,731.55	43,677.46
5. MSWG Support	15,000.00	0.00	2,272.84	0.00			12,727.16	0.00
6. Other Tasks to be defined	308,000.00	0.00	46,669.07	0.00			261,330.93	0.00
7. Other Tasks to be defined	0.00	0.00	0.00	0.00			0.00	0.00
SUBTOTAL	697,899.00	65,733.02	105,747.73	9,960.06			592,151.27	55,772.96
D. WMATA								
1. WMATA Program Development	5,000.00	308.38	5,000.00	308.38			0.00	0.00
2. Misc. Services	5,000.00	308.38	5,000.00	308.38			0.00	0.00
3. 2015 Metrobus Passenger On-Board Survey	24,100.00	0.00	24,100.00	0.00			0.00	0.00
4. MSWG Support	5,000.00	0.00	5,000.00	0.00			0.00	0.00
5. Model Development for Transit	90,121.00	0.00	90,121.00	0.00			0.00	0.00
6. Paratransit Study	96,100.00	0.00	96,100.00	0.00			0.00	0.00
7. WMATA Other Tasks to be defined	0.00	0.00	0.00	0.00			0.00	0.00
SUBTOTAL	225,321.00	616.77	225,321.00	616.77			0.00	0.00
GRAND TOTAL	1,947,193.00	98,157.12	486,224.16	15,396.37			1,460,968.84	82,760.75