



National Capital Region
Transportation Planning Board

Work Program Progress Report
JANUARY • 2016

1. PLAN SUPPORT

A. Unified Planning Work Program (UPWP)

The progress report for December on UPWP work activities was prepared. Staff developed a draft outline for the FY 2017 UPWP, which was presented to the Technical Committee and TPB in January.

B. Transportation Improvement Program (TIP)

At its January 8 meeting, the TPB Steering Committee approved four amendments to the FY 2015-2020 TIP. The first was requested by MDOT/SHA to include funding for the I-95/495 Suitland Road Bridges Replacement and MD 180 Urban Reconstruction projects. The second amendment, requested by MDOT/MTA, included funding for the Large and Small Urban Systems Capital, and Ridesharing programs. DDOT requested the third amendment to update project and funding information for FY 2016 to match the District's Obligation Plan. The fourth amendment, requested by VDOT, included funding for the I-395 Express Lanes Study.

At its meeting on January 20, the TPB approved the funding recommendations for the Section 5310 Enhanced Mobility of Seniors and Individuals with Disabilities Program, which included an amendment to the TPB's portion of the FY 2015-2020 TIP.

C. Constrained Long-Range Plan (CLRP)

During the month of January, TPB staff worked with member agencies to complete the project submissions for the Air Quality Conformity Analysis of the 2016 CLRP Amendment. This included CLRP project description forms, GIS mapping, conformity tables, and new project profiles, and a project-level analysis of support for RTPP goals and federal Planning Factors.

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 2015 Citizens Advisory Committee (CAC) held its final meeting in January. The committee discussed the upcoming TPB agenda and the proposed work plan for the Unfunded Capital Needs Working Group. The committee also discussed and voted on a CAC recommendation that the TPB and member jurisdictions commit to eliminating all traffic fatalities no later than 2035. This recommendation requested that each jurisdiction develop a plan for eliminating traffic deaths.

The members of the 2016 CAC were approved at the TPB meeting in January.

Staff worked to implement a style guide and templates for documents and presentations.

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

Staff worked on the development of a new electronic newsletter, which will replace and consolidate the *TPB News* and *TPB Weekly Report*.

Staff began design of an evaluation of the TPB's public participation activities.

Staff developed a proposal for restructuring the TPB's Access for All Advisory Committee.

F. Performance Based Planning

The TPB Technical Committee was briefed on the federal performance measurement rulemaking schedule and TPB staff continued tracking performance measurement notices by USDOT and other performance provisions activities. TPB staff further refined data for the performance measures for the TPB metropolitan planning area in the categories of Highway Safety and Highways Conditions: Pavement and Bridges.

G. TPB Annual Report and TPB News

The *TPB News* was produced and distributed.

Staff wrote content for the next Region magazine. A graphic designer began layout of the publication.

H. Transportation / Land Use Connection Program (TLC)

Work continued on the eight TLC projects funded for FY 2016.

The solicitation material for the FY 2017 TLC projects was developed.

An evaluation of the TLC Program was finalized in draft form and was reviewed and edited by staff.

I. DTP Management

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

The Director's Report was prepared for the January TPB Meeting.

The DTP Director participated in the January TPB/MWAQC Technical Advisory Committee conference call.

The DTP Director participated in several FTA /TOC /COG WMATA Safety Oversight meetings held in January.

The DTP Director participated in the January TPB Citizens Advisory Committee meeting.

The DTP Director attended the January NVTA RJACC meeting.

The DTP Director participated in the January 7 Elected Official Policy Working Group meeting on recommended consensus Multi-Sector Working Group (MSWG) greenhouse gas reduction strategies.

The DTP Director met with Northern Virginia VDOT staff on the details of their proposed 2016 CLRP submissions.

The DTP Director attended at a NVTC meeting on BRT systems.

The DTP Director participated in a conference call on a proposed COG Metrorail Forum to be held in March.

The DTP Director participated in a discussion with GSA officials on proposed revisions to GSA policies relating to the location of Federal office space.

The DTP Director participated in the January TIGER Grant project management meeting.

The DTP Director reviewed implications of new FAST MPO requirements in relation to the proposed draft FY 2017 UPWP.

The DTP Director reviewed and coordinated upcoming TPB and TPB Technical Committee activities with DTP program directors and managers.

Staff monitored work program activities and expenditures in relation to work program budgets.

Staff reviewed monthly invoices going to each of the state agencies administering TPB planning funding. Staff prepared an additional supplement for the MDOT invoice that was requested by MDOT to assist them in the review and processing of their monthly invoice.

2. COORDINATION PLANNING

A. Congestion Management Process (CMP)

Work continued on development and compilation of the 2016 Congestion Management Process (CMP) Technical Report including downloading speed and volume data for 2015.

Development of the National Capital Region Congestion Report for the 4th quarter 2015 was initiated and data gathering and analysis were completed.

On January 11-13, staff participated in the Transportation Research Board's 95th Annual Meeting in Washington, DC. On January 20, staff presented COG/TPB's analysis of the transportation impacts of the Papal visit in September 2015 on the Vehicle Probe Project (VPP) Suite user group webcast.

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

The January 5, 2016 meeting of the MOITS Technical Subcommittee was organized and conducted. The Subcommittees received information and provided input on the regional Time-Lapse Aerial Photography Pilot Study Report; on a first look at MOITS-related aspects of the new federal FAST Act; and on the USDOT's "Smart Cities" initiative. The Subcommittee also continued discussions from last month on the future strategic direction of the MOITS activity and related aspects of the draft FY2017 UPWP.

Coordination efforts were initiated with partner agencies to track the progress and performance of the power backup systems funded with UASI grants.

Staff participated in a Maryland State Highway Administration meeting on identifying Maryland's non-Interstate routes of significance for compliance with federal traveler information reporting requirements; January 4 in Hanover, MD.

Staff attended in the Transportation Research Board Annual Meeting, joining a number of events on MOITS-related items including resilience, systems management and operations, and connected and autonomous vehicles; January 10-14 in Washington, DC.

Staff participated in the monthly coordination meeting for the regional TIGER grant to monitor MOITS-related aspects, held January 28.

C. Transportation Emergency / Security Planning

The January 21 meeting of the Regional Emergency Support Function 1 (RESF-1) Committee was organized and conducted. Committee discussions included the status of the Urban Area Security Initiative; project updates on the Regional Integrated Transportation Information System (RITIS) and its TrafficView portal; overviews of Amtrak and WMATA security training opportunities; and updates from member agencies.

Staff continue to monitor the progress of the traffic signal power backup project.

D. Transportation Safety Planning

Preparations began for the next Transportation Safety Subcommittee meeting (postponed to February due to weather) to discuss the impact of alcohol on crashes in the region and

review the progress of the development of the performance measures required by MAP-21 by MPO staff. Safety data analysis continued.

E. Bicycle and Pedestrian Planning

The January 19, 2016 meeting of the Bicycle and Pedestrian Subcommittee was organized and conducted. The Subcommittee was briefed on the draft National Park Service Regional Paved Trails Plan, the FY 2017 Transportation-Land Use Connections Program, and the activities of the Regional Trails Coalition. The Subcommittee also discussed the bicycle and pedestrian measures being considered by the TPB's Greenhouse Gas Working Group.

The Subcommittee agreed that the new FHWA Guide for Separated Bike Lanes would be the topic for the spring professional development workshop. TPB staff also briefed the Subcommittee on some bicycle and pedestrian sessions of the 2016 Transportation Research Board conference.

Staff attended the annual Transportation Research Board conference in Washington, DC, January 10-13.

Staff attended the January 12 meeting for the Arlington low-stress bicycle network project, and the January 14 meeting kick-off meeting for the Georgetown Waterfront trail project, and briefed the grantees on the project monitoring requirements of the TLC program. Staff will provide technical advice for both projects, which are being funded through TPB's Transportation Land Use Connections program.

Staff participated in the January 28 meeting of the Regional Trails Coalition Core Group. The group developed a draft vision statement for a regional trails network.

F. Regional Public Transportation Planning

The Regional Public Transportation Subcommittee met in January, via a web-conference due to inclement weather. Agenda topics included WMATA with a Transport DC Update and Sustainability of MetroAccess overview, and TPB staff on Projects for the Section 5310 Enhanced Mobility of Seniors and Individuals with Disabilities Program and the State of Public Transportation Report.

TPB staff attended the monthly WMATA JCC meeting and a meeting of the Fairfax County Technical Working Group Meeting for Countywide Transit Network Study.

G. Human Service Transportation Coordination

During the month of January, staff continued with the selection and approval process for the Section 5310 Enhanced Mobility grants. The funds to be distributed include approximately \$5 million in federal FY14 and FY15 funds for the Washington, DC-VA-MD Urbanized Area. Staff finalized the memorandum to the TPB officers requesting concurrence with the selection committee's funding recommendations for Enhanced Mobility grants. The TPB officers concurred with the selection committee's funding recommendations.

Staff prepared a memorandum to the Technical Committee on the solicitation and selection process and presented on this topic at the January 8 Technical Committee meeting.

Staff also drafted a detailed memorandum on the selection process and funding recommendations and resolution for the TPB meeting mail out. A PowerPoint presentation was drafted and presented at the January 20 TPB meeting and included testimonials from customers of existing programs recommended to receive a grant. At the meeting, the TPB approved the funding recommendations for inclusion in the TIP. Staff worked with the Office of Communications on a press release and contacted grant applicants to let them know the status of their grant applications. Staff also began drafting award letters.

H. Freight Planning

Staff reviewed the recently enacted FAST Act legislation to identify key freight-related provisions and make an initial assessment on their potential impact to the National Capital Region's freight transportation planning activities.

The regularly scheduled January 7, 2016 TPB Freight Subcommittee meeting was organized and conducted via WebEx. The focus of this meeting was to solicit subcommittee feedback on the draft freight policy statements developed by staff in December 2015 and to inform them of some of the freight-related provisions of the FAST Act.

Staff presented the draft freight policy statements to the TPB Technical Committee for their review and feedback.

Staff participated in an Urban Freight Roundtable cohosted by the FHWA and the European Commission. This event is part of a longer-term "twinning" approach to share best practices and coordinate research of urban goods movement.

Staff attended many freight-related sessions and events at the Transportation Research Board's (TRB) Annual Meeting and participated in the TPB Urban Freight Committee meeting.

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.

The January 14 meeting of the MATOC Severe Weather Working Group was organized and conducted at the Virginia Department of Transportation offices in Fairfax, Virginia, providing for ongoing coordination between transportation agency snow personnel.

With no other MATOC committee meetings scheduled or conducted during January, staff followed up on action items identified at previous meetings, and began preparations for February 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 2015, now anticipated to be published during the first half of calendar year 2016.

3. FORCASTING APPLICATIONS

A. Air Quality Conformity

Following the Call for Projects that was issued in December, TPB staff began its compilation and review of projects submitted by the regional transportation agencies as per the analysis of the 2016 CLRP Amendments and FY2017-2022 TIP. Staff is currently preparing a list of major projects that have been submitted along with a draft conformity scope of work which will detail the assumptions, methods and products envisioned for the upcoming conformity cycle. These items will be presented to all related committees in February.

TPB approved an agreement between the TPB and the new Southern Maryland MPO, Calvert – St. Mary's MPO (C-SMMPO) which formalizes coordination between the two MPOs, as part of the TPB's annual Air Quality Conformity process. The agreement ensures that the Calvert County transportation projects and programs are considered within the TPB's regional conformity process.

TPB staff attended a briefing with VDRPT and their consultants regarding the current status of the Richmond-to-DC high-speed rail project on January 28. One issue discussed was whether or not the project would be included as part of the TPB's regional air quality analysis. Staff determined that the project would not need to be included in the regional conformity analysis.

In accordance with TPB consultation procedures, staff forwarded meeting agenda, a summary memorandum regarding the monthly TPB meeting and air quality conformity consultation elements to the consultation agencies and public advisory committees.

B. Mobile Emissions Analysis

Staff briefed the TPB on recent work undertaken to update the region's fine particles (PM_{2.5}) maintenance plan. This SIP planning work activity establishes new regional mobile (on-road) Motor Vehicle Emissions Budgets (MVEBs) using the most currently adopted methods and planning assumptions. The budgets are the benchmark by which emissions estimated in air quality conformity work are assessed. Staff also presented the proposed MVEBs and TPB letter to MWAQC TAC on January 12.

Staff completed two sensitivity tests involving the EPA MOVES mobile emissions model:

- The most recent software version, MOVES2014a, was tested and compared with the currently used MOVES2014 model.
- Staff also tested the use of the MOVES2014a model using the latest operating system, Windows 10 which will supersede the currently used Windows 7 platform.

These tests will be documented in February.

C. Regional Studies

Staff presented a draft list of recommended consensus Multi-Sector Working Group (MSWG) greenhouse reduction strategies to the Elected Official Policy Working Group composed of TPB, MWAQC, CEEPC and COG Board members. This Policy Group was established to advise the COG Board on the consensus MSWG recommendations. Staff received feedback from the Policy Group and were asked to prepare a questionnaire that would seek input for local jurisdiction staff on the implementation implications of the recommended strategies.

Networks development staff continued with the review of the unfunded projects lists to identify what additional information is needed for the All-Build scenario. When the review of local plans is complete, staff will send out the updated lists with a request to fill in any additional information needed in order for projects to be included in a regional analysis of all the unfunded projects.

Models applications staff refined initial No Build model runs, including running the programs designed to estimate tolls on HOT lane facilities. The No Build model run includes the 2015 highway and transit assumptions from the 2015 CLRP and 2040 demographic data based on the Round 8.4 Cooperative Forecasts. Modeling results are currently being reviewed.

Staff prepared for a work session, which was planned for the morning of the January TPB meeting, to discuss proposed enhancements to the long-range planning process that could be incorporated into work related to unfunded capital needs.

D. Coordination of Cooperative Forecasting & Transportation Planning

Staff met with the members of the Cooperative Forecasting Subcommittee on January 12th to continue the process to reconcile the preliminary jurisdictional Round 9.0 Cooperative

Forecasts with the results of the Round 9.0 econometric model. Revised preliminary jurisdictional Round 9.0 Cooperative Forecasts submitted by Montgomery County planning reduced the difference between the sum of the local employment forecasts and the econometric model.

Staff met with planning staff from Fairfax County, Prince William County and Arlington planning staff to further discuss their preliminary Round 9.0 forecasts for the outer years of the forecast period in relation to their historic and current share of total regional growth.

Staff briefed the Planning Directors Technical Advisory Committee at their January 15th webinar meeting on the status of the reconciliation of Round 9.0 forecasts and the remaining work to complete the reconciliation process.

Staff began analysis of current labor market trends and demand in the region using the Burning Glass Labor Insight tool acquired using funding received from a Capital One Foundation grant.

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

4. DEVELOPMENT OF NETWORK / MODELS

A. Network Development

The network development documentation for the 2015 CLRP networks was completed during January and will be presented to the TFS at its next (March) meeting.

Base year highway and transit networks have continued in development in anticipation of the upcoming air quality analysis of the 2016 CLRP. Staff has also updated forecast-year network databases to reflect the most recent refinements to the I-66 (Outside of the Beltway) scenario. It is expected that the base-year portion of the database corresponding to the 2016 CLRP will be completed by mid-February.

B. GIS Technical Support

Staff worked with staff from the Plan Development and Support team on several items related to the 2016 CLRP Amendment, including creating standard naming conventions, cartographic symbology, and project detail elements from the profile documents for the new/major updates to include in the web mapping application.

Staff began work on a web mapping application for the major project changes/additions to the 2016 CLRP Amendment. Staff provided code necessary to test the application in a mock-up of the 2016 CLRP Amendment website.

Staff created new ArcGIS Online cached map services for TPB-specific base maps that will be used for the 2016 CLRP Amendment web mapping products.

Staff worked with staff from the Information Technology & Facilities Management (ITFM) team to help troubleshoot ArcGIS software installation issues on staff workstations.

Staff began working on a plan to overhaul the DTP spatial data library. Initial work included creating an alternative data folder structure and creating new content (ArcGIS layer files) for frequently used datasets.

Staff responded to a GIS data request from the Baltimore Metropolitan Council (BMC) for TPB 2010 Census Block to 3722 TPB-TAZ equivalency tables, shapefiles and related documentation.

Staff planned and participated in the January 19th meeting of the GIS Committee. At this meeting we held elections for the leadership positions of the committee for CY2016. Dave Cook of the District of Columbia was elected chairman. We discussed the minimum essential dataset for GIS.

Staff planned and participated in the January 19th meeting of the National Capitol Region Geospatial Data Exchange (NCR GDX) Governance Working Group. At this meeting we reviewed the vision statement and the 2016/2017 priorities for the NCR GDX.

Staff continued to help the consultant working with the NCR GDX connect with various committees supporting different emergency service functions (ESFs).

C. Models Development

In response to WMATA's December 9 letter to staff, offering comments on COG's short-term implementation plan for improving the trip-based travel demand model, TPB staff met with WMATA staff on January 6. The meeting allowed TPB to apprise WMATA of our implementation plan details and to discuss how WMATA's comments might best be considered in the plan. With the benefit of the January 6 discussion, staff subsequently provided WMATA with a written response to their comments. We anticipate that the proposed task orders relating to the TPB's model improvement plan will be authorized in early February.

TPB staff opted to cancel the scheduled January 22 Travel Forecasting Subcommittee (TFS) meeting in light of the unexpected and severe snow storm that approached the region on that day. As an alternative, staff transmitted essential information to the TFS via email for their review and comment. Staff shared a memo containing WMATA comments on staff's proposed updates to the regional travel demand forecasting model, and TPB staff responses to those comments. The next meeting of the subcommittee will be on its regularly scheduled date of March 18.

Staff continued to evaluate newly received modeling scripts developed by AECOM for estimating tolls on HOT lanes. Testing and documentation will be completed in February and will be considered as part of staff's travel model improvement plans.

Staff responded to six technical data requests during January from local planning agencies or from consultants working on local planning projects.

Several staff members attended the 95th Annual Meeting of the Transportation Research Board (TRB), which was held from January 10-14, 2016 in Washington, D.C. This conference attracts about 12,000 transportation professionals and includes about 5,000 presentations in about 750 sessions.

D. Software Support

Staff is in the process of documenting benchmark testing on the new travel model server, TMS7, regarding both the best configuration for the hard drive and the effect of using the latest Cube Voyager software, which is 64-bit. A memo is expected in early February.

Staff met with COG's Information and Technology staff to coordinate on new data back-up opportunities.

5. TRAVEL MONITORING

A. Cordon Counts

No staff activity during the reporting period.

B. Congestion Monitoring and Analysis

Findings and recommendations from the 2015 One-Second Time-Lapse Aerial Photography Pilot Study were presented at the January TPB Technical Committee and MOITS Technical Subcommittee meetings.

Compilation of calendar year 2015 data sets was completed, including speed and travel time data from the I-95 Corridor Coalition Vehicle Probe Project, as well as 2015 freeway volume data from the FHWA's Transportation Technology Innovation and Demonstration program, for use in Congestion Management and other regional planning analyses.

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

No staff work activity during the reporting period.

D. Regional Transportation Data Clearinghouse (RTDC)

Staff responded to a consultant data request for the TPB Planning area boundary in support of the Northern Virginia Transportation Authority (NVTA) TransAction2040 update.

Staff processed VRE average weekday ridership data for FY2015.

Staff began processing of detailed 2014 traffic volume data received from VDOT. Staff processed continuous count automated traffic recording (ATR) data from Maryland, Virginia, and the District of Columbia to develop a 2014-2015 regional growth factor for the months of January – September 2015.

Staff extracted 2007 through 2014 AADT/AAWDT traffic volume for traffic count locations at the external borders of the TPB Planning Region from the RTDC and prepared a data table showing the trend in traffic volumes at these locations.

Staff began preparation of a presentation on Regional Travel Trends using RTDC data from 2007 through 2014.

6. TECHNICAL ASSISTANCE

A. DISTRICT OF COLUMBIA

1. Program Development, Data Requests & Miscellaneous Services

Staff responded to a request for information regarding HPMS pavement data requirements.

2. Traffic Counts and HPMS Support

The following December continuous traffic count data were processed, reviewed, and assessed for completeness and reasonableness: data from the HERE Stakeholder Application (formerly Traffic.com) stations on DDOT interstate/freeway sections; and, data from the permanent count stations on interstate, freeway, primary arterial, and minor arterial sections. In addition, 2015 WIM data was received and processed. A technical report was subsequently submitted to DDOT field inspection personnel, which was supplemented by December data summaries and notations on missing or questionable data records.

Staff began processing the calendar year 2015 annual submittal. The Annual Growth Factor was produced.

Staff provided the following technical assistance to DDOT staff:

- Received and reviewed 11 traffic counts. All of the counts, except for two, were accepted. The counts that were not accepted were conducted at the wrong locations.
- Staff compiled, and, as needed, created maps for the short-term counting contractor showing where equipment should be located.

Requested and received 2015 WIM data.

3. Data Transfer for CLRP and TIP

No staff work activity during the reporting period.

4. Transportation Sector Support for the COG Multi-Sector Greenhouse Gas (GHG) Working Group (MSWG) Berth Survey

No staff work activity during the reporting period

5. Other Tasks to be defined

No staff work activity during the reporting period.

B. MARYLAND

1. Program Development /Management

Staff reviewed the MD Technical Assistance Program work elements are envisioned for the second half of the fiscal year and the carry-over of specific work elements activities to FY 2017.

2. Project Planning Studies

Staff continued working on the Veirs Mill Road (MD 586) study. Staff coordinated project efforts with MD SHA and project team staff throughout the month of January. Staff attended a coordination meeting with MDOT representatives (January 4) and subsequently transmitted the requested modeling files to the study consultant for post-processing. Staff conducted additional technical analysis to further analyze the Alternative 3 BRT model run output and transmitted the summaries of findings to the study team.

3. 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

No staff work activity during the reporting period.

6. Transportation / Land Use Connections Program (TLC)

No staff work activity during the reporting period.

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

No staff work activity during the reporting period.

8. Transportation Sector Support for the COG Multi-Sector Greenhouse Gas (GHG) Working Group (MSWG)

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

Staff attended the monthly meetings of the NVTa and the NVTa RJACC.

2. Travel Monitoring and Survey

Staff continued work on the draft technical memorandum for mode share analysis in the I-66 inside the Beltway corridor.

3. Travel Demand Modeling

No staff work activity during the reporting period

4. Regional and Sub-Regional Studies

Staff completed the analysis of VPP data along I-66 inside the Beltway for the evaluation for the bus-on-shoulder pilot.

5. Transportation Support for the COG MSWG

No staff work activity during the reporting period

6. Other Tasks yet to be defined

No staff work activity during the reporting period.

D. WMATA

1. Program Development

WMATA and TPB staff discussed Technical Assistance concepts for the FY 2017 UPWP.

2. Miscellaneous Services

No staff work activity during the reporting period.

3. Transportation Support for the COG MSWG

No staff work activity during the reporting period

4. Travel Demand Model Improvements

No staff work activity during the reporting period.

5. 2015 Metrobus Passenger On-Board Survey

No staff work activity during the reporting period.

6. Regional Accessibility Strategy for Paratransit Service

No staff work activity during the reporting period.

Consultant charges for work tasks completed through December 2015, were posted in January 2016.

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

A. CASP 27

1. 2015 Air Passenger Survey

Staff began processing of the 2015 Regional Air Passenger Survey data file.

2. Update Ground Access Forecasts/Ground Access Element

No staff activity during the reporting period.

3. Air Cargo Element Update

Staff continued work on the supply and demand analysis for the Air Cargo Element.

4. Ground Access Travel Time Study

Staff completed calculations of average travel times and mean speeds from 120 different origin locations to BWI, DCA and IAD airports and began the mapping of average speeds along the major highways network links leading to these airports.

8. **SERVICES/SPECIAL PROJECTS**

No staff work activity during the reporting period.

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

January 31, 2016
SUPPLEMENT I

	TOTAL AUTHORIZED BUDGET		TOTAL EXPENDITURES		FTA/STA/LOC AUTHORIZED BUDGET		FTA EXPENDITURES		PL FUNDS/LOC AUTHORIZED BUDGET		FHWA EXPENDITURES	
A. District of Columbia												
1. Data Request & Misc SVCS	10,000.00	2,374.95	1,547.22	367.46	8,452.78	2,007.50						
2. DDOT HPMS	235,000.00	92,001.34	36,359.61	14,234.61	198,640.39	77,766.73						
3. DDOT Data Transfer	15,000.00	0.00	2,320.83	0.00	12,679.17	0.00						
4. DC MSWG Support	15,000.00	9,456.32	2,320.83	1,463.10	12,679.17	7,993.22						
5. Data Transfer for CLRP & TIP	60,376.00	0.00	9,341.48	0.00	51,034.52	0.00						
6. Other Tasks to be defined	0.00	0.00	0.00	0.00	0.00	0.00						
SUBTOTAL	335,376.00	103,832.61	51,889.97	16,065.16	283,486.03	87,767.45						
B. Maryland												
1. MD Program Development	18,000.00	7,609.30	2,784.99	1,177.32	15,215.01	6,431.97						
2. Project Planning Studies	90,000.00	44,002.00	13,924.96	6,808.07	76,075.04	37,193.93						
3. Feasibility / Special Studies	90,000.00	0.00	13,924.96	0.00	76,075.04	0.00						
4. Transportation Performance Measures	80,000.00	936.74	12,377.74	144.93	67,622.26	791.80						
5. Training Misc. Tech Support	50,000.00	231.14	7,736.09	35.76	42,263.91	195.38						
6. Statewide Transp/ Model Support	0.00	0.00	0.00	0.00	0.00	0.00						
7. Trnsnp. Landuse Connections	160,000.00	0.00	24,755.48	0.00	135,244.52	0.00						
8. Human Service Trnsnp. Study	20,000.00	0.00	3,094.44	0.00	16,905.56	0.00						
9. MSWG Support	15,000.00	9,456.32	2,320.83	1,463.10	12,679.17	7,993.22						
10. Other Tasks to be defined	158,039.00	0.00	24,452.07	0.00	133,586.93	0.00						
SUBTOTAL	681,039.00	62,235.49	105,371.56	9,629.18	575,667.44	52,606.31						
C. Virginia												
1. VA Data Documentation	15,000.00	21,096.51	2,320.83	3,264.09	12,679.17	17,832.42						
2. FY16 Travel Monitoring	120,000.00	138,883.09	18,566.61	21,488.24	101,433.39	117,394.85						
3. FY16 Travel Demand Modeling	120,000.00	5,931.60	18,566.61	917.75	101,433.39	5,013.85						
4. FY16 Regional Sub Region Study	119,899.00	76,133.66	18,550.98	11,779.53	101,348.02	64,354.12						
5. MSWG Support	15,000.00	9,456.32	2,320.83	1,463.10	12,679.17	7,993.22						
6. Other Tasks to be defined	303,622.00	0.00	46,976.93	0.00	256,645.07	0.00						
7. Other Tasks to be defined	0.00	0.00	0.00	0.00	0.00	0.00						
SUBTOTAL	693,521.00	251,501.18	107,302.79	38,912.71	586,218.21	212,588.47						
D. WMATA												
1. WMATA Program Development	5,000.00	1,904.69	5,000.00	1,904.69	0.00	0.00						
2. Misc. Services	4,499.00	925.15	4,499.00	925.15	0.00	0.00						
3. MSWG Support	5,000.00	3,152.11	5,000.00	3,152.11	0.00	0.00						
4. Model Development for Transit	90,121.00	0.00	90,121.00	0.00	0.00	0.00						
5. 2015 Metrobus/Metrorail Survey	24,100.00	0.00	24,100.00	0.00	0.00	0.00						
6. Paratransit Study	96,100.00	27,542.28	96,100.00	27,542.28	0.00	0.00						
7. WMATA Other Tasks to be defined	0.00	0.00	0.00	0.00	0.00	0.00						
SUBTOTAL	224,820.00	33,524.23	224,820.00	33,524.23	0.00	0.00						
GRAND TOTAL	1,934,758.00	451,093.51	489,384.32	98,131.29	1,445,371.68	352,962.22						

**FY 2016 TRANSPORTATION PLANNING BOARD
COG/TPB BUDGET EXPENDITURE SUMMARY**

January 31, 2016

	BUDGET TOTAL	FUNDS EXPENDED	% FUNDS EXPENDED
1. PLAN SUPPORT			
A. Unified Planning Work Program (UPWP)	73,550.00	38,358.72	52%
B. Transp Improvement Program (TIP)	225,300.00	86,069.70	38%
C. Constrained Long-Range Plan	625,885.00	334,051.86	53%
D. Financial Plan	65,550.00	17,101.57	26%
E. Public Participation	491,060.00	248,053.55	51%
F. Performance-Based Planning for CLRP/TIP	100,000.00	31,663.87	32%
G. Annual Report	83,350.00	36,181.39	43%
H. Transportation/Land Use Connection Program	434,900.00	76,255.14	18%
I. DTP Management	733,771.00	166,063.07	23%
SUBTOTAL	2,833,366.00	1,033,798.87	36%
2. COORDINATION PLANNING			
A. Congestion Management Process (CMP)	213,150.00	89,142.25	42%
B. Management, Operations, & ITS Planning	429,050.00	209,161.69	49%
C. Emergency Preparedness Planning	78,400.00	36,671.86	47%
D. Transportation Safety Planning	130,100.00	54,787.78	42%
E. Bicycle and Pedestrian Planning	126,250.00	78,294.22	62%
F. Regional Public Transportation Planning	230,600.00	59,417.26	26%
G. Human Service Transportation Coordination	142,700.00	99,088.54	69%
H. Freight Planning	156,050.00	82,756.12	53%
I. MATOC Program Planning Support	124,850.00	54,415.59	44%
SUBTOTAL	1,631,150.00	763,735.33	47%
3. FORECASTING APPLICATIONS			
A. Air Quality Conformity	590,500.00	397,569.63	67%
B. Mobile Emissions Analysis	714,500.00	362,502.01	51%
C. Regional Studies	587,200.00	422,247.33	72%
D. Coord Coop Forecasting & Transp Planning	839,400.00	452,662.37	54%
SUBTOTAL	2,731,600.00	1,634,981.34	60%
4. DEVELOPMENT OF NETWORKS AND MODELS			
A. Network Development	800,800.00	369,336.74	46%
B. GIS Technical Support	571,000.00	305,195.81	53%
C. Models Development	1,214,500.00	571,695.51	47%
D. Software Support	186,200.00	106,437.57	57%
SUBTOTAL	2,772,500.00	1,352,665.64	49%
5. TRAVEL MONITORING			
A. Cordon Counts	261,000.00	67,735.38	26%
B. Congestion Monitoring and Analysis	389,100.00	165,226.18	42%
C. Travel Surveys and Analysis Household Travel Survey	1,959,800.00	35,682.32	2%
D. Regional Transportation Data Clearinghouse	330,700.00	68,989.15	21%
SUBTOTAL	2,940,600.00	337,633.03	11%
SUBTOTAL CORE PROGRAM ITEMS 1-5	12,909,216.00	5,122,814.22	40%
6. TECHNICAL ASSISTANCE			
A. District of Columbia	335,376.00	103,832.61	31%
B. Maryland	681,039.00	62,235.49	9%
C. Virginia	693,521.00	251,501.18	36%
D. WMATA	224,820.00	33,524.23	15%
SUBTOTAL	1,934,756.00	451,093.53	23%
TPB GRAND TOTAL	14,843,972.00	5,573,907.73	38%