

FY 2016

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

**Work Program Progress Report
JULY & AUGUST • 2015**

PROGRAM HIGHLIGHTS

1. PLAN SUPPORT

A. Unified Planning Work Program (UPWP)

The final progress report was prepared on the work activities in the FY 2015 UPWP. Activities under the FY 2016 UPWP began on July 1, 2015.

B. Transportation Improvement Program (TIP)

At its July 10 meeting, the TPB Steering Committee approved three amendments to the FY 2015-2020 TIP. The first amendment was requested by MDOT/SHA to update the name, limits and description for the I-495/I-270 Spur Highway Reconstruction project, to include additional funding for the I-270 Innovative Congestion Mitigation project, and to shift construction funding for the MD 4 at Suitland Parkway Interchange Construction project. The second amendment included funding for the Richmond Highway Multimodal Improvements and the Clermont Avenue Connector projects, as requested by VDOT. The third amendment was to include funding for the Standard Details/Drawings for Low-Cost Bridge/Culvert Structures project, as requested by Prince George's County.

Staff prepared and approved five administrative modifications to the FY 2015-2020 TIP during July and August; three for MDOT, and one each for DDOT and VDOT.

C. Constrained Long-Range Plan (CLRP)

Staff completed the content and design for a brochure documenting the 2014 Update to the CLRP. Staff reorganized the content for the CLRP website with a separate tab dedicated to information on the 2015 CLRP Amendment. The CLRP Coordination team continued to meet to discuss data sharing, documentation, mapping, and public input strategies for the 2015 Amendment.

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 reviewed for inclusion in the 2015 Amendment to the CLRP performance analysis.

E. Public Participation

At its July meeting, the Citizens Advisory Committee (CAC) discussed regional transportation issues with TPB Chairman Phil Mendelson. TPB staff briefed the

committee on the TPB's TLC, TAP and TCSP programs. The committee also received updates on the activities of its various subcommittees.

Staff conducted coordinated work on the 2015 CLRP Amendment, which was scheduled to be released for public comment in September. Public participation activities included the development of a draft brochure and a new website on the draft amendment. Newspaper ads announcing the amendment were purchased.

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 began planning for the fall session of the TPB Community Leadership Institute, which will be held in October.

F. Private Enterprise Participation

TPB staff followed up on the June 16 conference call with State DOT and WMATA performance measurement leads to identify subject area experts in each organization for subject area discussion. TPB staff prepared for discussion sessions in early September with the State DOT experts on Highway Conditions and on Highway Safety. A discussion guide of topics and issues was developed for each subject area.

TPB staff reviewed the Public Transportation Safety Program NPRM published in August and tracked the schedule for publication of other performance measurement notices by USDOT.

G. TPB Annual Report and TPB News

Two editions (every Tuesday) of *The TPB Weekly Report* were produced and emailed in July. The publication was put on hold for the summer and until further notice.

The *TPB News* was produced and distributed.

Staff finalized text for the new *Region* magazine.

H. Transportation / Land Use Connection Program (TLC)

At the July TPB meeting, the board approved nine TLC projects for FY 2016. In July and August, staff initiated the solicitation process to secure consultants to conduct the projects. These activities included the issuance of a new Request for Qualifications for consultants to be included on the list of pre-qualified consultants for the program. Staff plans to conduct a consultant selection process this fall and finalize contracts with the consultants by October.

Also at the July TPB meeting, the board approved seven projects in Maryland using suballocated funding from the federal Transportation Alternatives Program (TAP). Approximately \$3.2 million was suballocated from Maryland's TAP money for projects to be chosen through the TPB process.

I. DTP Management

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

The DTP Director participated in the July MWAQC and Multi-Sector Working Group (MSWG) meetings.

Staff coordinated with MDOT and the Calvert-St. Mary's Metropolitan Planning Organization (C-SMMPO) on the development of a new agreement regarding the transportation planning air quality conformity requirements for Calvert County, MD.

Staff participated in a FHWA Division Office "State of the Practice Review: TMA Certification Reviews".

Staff attended the Annual COG Leadership Retreat (July 24-26).

Staff met with TPB Alternate Board member Jason Groth of Charles County and TPB Citizen Committee member Gary Hodge on the South Maryland Rapid Transit Study and other transportation planning issues currently being discussed in Charles County,

2. COORDINATION PLANNING

A. Congestion Management Process (CMP)

The National Capital Region Congestion Report for the second quarter 2015 was developed, completed and posted on www.mwcog.org/congestion.

Staff completed reviewing a draft section, "Big Data" Unlocking Possibilities for Better Understanding Congestion on Area Roadways, to be included in this year's Region magazine and provided comments.

On August 13, staff was interviewed by Dr. Gridlock of the Washington Post, providing information on seasonal traffic trends analyzed in the past at TPB, which was featured in an online article "[Summer vacation from traffic is drawing to a close](#)" released on August 25 and a print version on the front page of Local Living section of the Washington Post published on August 27.

On August 25, staff monitored a webinar provided by INRIX, Inc. "INRIX XD Traffic Data in Action: How Improved Granularity Translates into Improved Operations and Performance Measurement".

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

The July 14, 2015 meeting of the MOITS Technical Subcommittee was organized and conducted. The Subcommittee received information and provided input on an upcoming briefing to the TPB on National Capital Region passenger rail safety and preparedness initiatives; the Regional ITS Architecture; and the Draft National Capital Region Freight Plan 2015.

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 followed up on input received at the June 23 MOITS Regional ITS Architecture workshop.

Staff participated in an August 4 meeting of the Northern Virginia Traffic Signals Managers at VDOT in Fairfax. Participants were briefed on detection technologies and applications including the RoadTrend system, FLIR thermal cameras, and special applications for video detection.

Staff participated in monthly coordination meetings for the regional TIGER grant. Staff attended a field test of the hardware and software products to be used for the project on August 12 in Alexandria, Virginia.

Staff participated in a workshop entitled " Business Processes for Reliability, Organizing for Reliability Tools", sponsored by the FHWA and AASHTO, August 20 in Hanover, Maryland.

Staff participated in the quarterly meeting of the Maryland State Highway Administration Coordinated Highways Action Response Team (CHART) Board of Directors, August 21 in Hanover, Maryland.

C. Transportation Emergency / Security Planning

The July 16, 2015 meeting of the Regional Emergency Support Function-1 (RESF-1) 1 Emergency Transportation Committee was organized and conducted.

Staff worked on elements of the Homeland Security Strategic Plan update, worked on enhancing the coordination Enhancing transportation coordination around the 7th World Police and Fire Games held in the region. Information was shared on the upcoming September Papal Visit to Washington DC.

Staff worked with staff of the regional commuter rail systems, two freight railroads, and Amtrak in coordinating and preparing a July 22 presentation to the Transportation Planning Board on National Capital Region Passenger Rail Safety and Preparedness Initiatives. The contents of the presentation were reviewed by the RESF-1 Committee at its July 16 meeting.

The Committee also reviewed and provided advice for the draft update of the regional Homeland Security Strategic Plan, and tracked progress on the following UASI funded projects; Evacuation Support Trailer, RITIS Maintenance and Traffic View Maintenance projects.

D. Transportation Safety Planning

The August 25, 2015 meeting of the Transportation Safety Subcommittee was organized and conducted. The Subcommittee was briefed on DDOT's Vision Zero Initiative, MAP-21 safety performance measure guidance and coordination, and Street Smart activities. Staff continued reviewing and analyzing the impacts of the new MAP-21 legislation on safety-related program areas, and developing action plans for the safety performance measurement implementation.

Staff coordinated with state agencies in the compilation of crash data.

E. Bicycle and Pedestrian Planning

The July 21, 2015 meeting of the Bicycle and Pedestrian Subcommittee was organized and conducted. In response to a request by the Subcommittee, the Subcommittee was briefed on a study of child school trip mode share data from the COG household travel survey. The Subcommittee was also briefed and provided feedback on WMATA's Bike and Ride program, which is improving bicycle access and parking at Metrorail.

The Subcommittee approved the list of top priority unfunded bicycle and pedestrian projects. As the Transportation Improvement Program has become a rolling document, the Top Priority Unfunded Bicycle and Pedestrian Project List has become a rolling document, with an opportunity to add or subtract projects at each Subcommittee meeting.

Work continued on mapping and describing the proposed routes for the regional Bicycle Beltway. Staff used an on-line shared mapping tool to work with Subcommittee members and WABA to add additional proposed loops and associated project information to the proposed inner loop bicycle beltway, as well as segments of the proposed outer bicycle beltway.

At the request of Commuter Connections, Montgomery County, and the North Bethesda Transportation Management District, staff prepared a draft presentation on safe walking and bicycling for use in employer outreach sessions. These half-hour to one-hour presentations are modelled on Florida's "Walkwise" program.

Staff provided expertise on pedestrian and bicycle safety and access while reviewing and ranking TLC (Transportation-Land Use Connection) project proposals, as well as the Maryland TAP (Transportation Alternatives) proposals. Staff served on the TLC project selection panel, which made planning grant awards at its July 7 meeting, and on the Maryland TAP selection panel, which made its grant awards at its July 8 meeting.

F. Regional Public Transportation Planning

The Regional Public Transportation Subcommittee did not meet during this period. A meeting was planned for August, but was postponed at speakers' requests. A September meeting agenda was prepared with speakers' inputs. TPB staff worked 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 performance measurement rulemaking, guidance on capital grants programs, and ADA fares.

G. Human Service Transportation Coordination

During the months of July and August, work continued for the next solicitation for Enhanced Mobility grant projects. The application was fine-tuned and pre-application conferences scheduled. A separate application for vehicle acquisition was developed and finalized. Staff worked on outreach about the solicitation, including the expanding the email distribution list with providers from the Reach-A-Ride website, notification in newsletters and on the website and presentation of a flyer on the Enhanced Mobility solicitation to the Transportation Planning Board.

The Enhanced Mobility solicitation was launched on August 14, 2015. The first pre-application conference was held on August 26, 2015 with 13 people in attending. Feedback from the pre-application conference was used to improve the application. In August, staff responded to inquiries and provided technical assistance to interested applicants.

H. Freight Planning

The regular bimonthly meeting of the TPB Freight Subcommittee was prepared for and conducted. The theme of this meeting was construction, engendering discussion among stakeholders on real estate development and the mechanisms in place to address its freight impacts during design, permitting, construction and finally operation of the building.

The initial draft of the National Capital Region Freight Plan was presented to the Freight Subcommittee and the TPB Technical Committee. Following comments received, staff began development of plans and materials for an October special work session of the TPB focusing on policy input to the Freight Plan. Staff also continued refining the draft plan based on comments and new information received.

Staff participated in an FHWA "Talking Freight" webinar focusing on supply chain needs and how industrial site selection decisions are made.

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 July and August 2015 period, staff prepared for and participated in the following meetings or conference calls: the MATOC Steering Committee on July 10 and August 14; the MATOC Transit Task Force on July 30; and the MATOC Operations Subcommittee on July 30. Staff also followed up on action items identified at previous meetings, and began preparations for June committee meetings. Activities were in coordination with the MATOC staff from the University of Maryland Center for Advanced Transportation Technology.

Staff began assisting with 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

2015 CLRP & FY2015-20 TIP

Staff has completed transportation and mobile emissions modeling work supporting the analysis of the 2015 CLRP and FY2015-2020 TIP. The modeling work conducted in July and August focused on years 2025, 2030 (3 three scenarios) and 2040 (3 Scenarios). DTP staff coordinated with COG's Department of Environmental Programs (DEP) during the preparation of inputs

to the mobile emissions (MOVES2014) model. DEP staff also assisted in the review of emissions modeling outputs.

Staff has begun the preparing draft of air quality conformity documents, specifically:

- The TIP and Plan project summary table;
- The draft summary memorandum and slide presentation for distribution to the TPB Technical Committee and the Board (in September);
- The Transportation Emission Reduction Measure (TERM) analysis memorandum.

Staff attended a VDOT meeting on August 10 to discuss the VDOT I-66 'Preferred' Alternative and coordinated with VDOT staff and their consultant to obtain a better understanding of differences between the 'Preferred Alternative' and the two alternatives included in the conformity analysis (Alternatives A and B).

Staff reviewed guidance for non-attainment areas covering multiple MPOs, and began coordination with the Calvert-Saint Mary MPO (C-SMMPO), a recently established Maryland MPO, regarding inclusion of Calvert County projects in the TPB's CLRP, TIP, and air quality conformity analysis. Staff drafted a letter to the Maryland division of the Federal Highway Administration to communicate the current status of Calvert County projects, and to assure the FHWA that TPB and C-SMMPO are coordinating on this matter.

B. Mobile Emissions Analysis

Staff coordinated with the consultant assisting with COG's Multi-Sector Working Group (MSWG) in the study of Greenhouse Gas reduction strategies. DTP staff attended the July 17 MSWG Transportation Land Use Subgroup meeting and July 31 meeting which included of all project subgroups. DTP staff worked with DEP staff in preparing presentations to MWAQC (July 29) and MWAQC-TAC (July 7).

DEP staff monitored the Mid-Atlantic Regional Air Management Association (MARAMA) emissions modeling activities as part of the photochemical modeling which will inform new ozone and fine particle standards.

DTP staff developed GHG mobile emissions forecasts selected scenarios modeled as part of recent air quality conformity work. GHG emissions are not considered as part of required conformity work but are used as part of the CLRP performance analysis.

DTP staff assisted DDOE staff and provided assistance with the execution of the MOVES2014 model to investigate test scenarios.

DTP staff attended Emissions Inventory Sub-Committee Call on July 27 and began coordinating work efforts in regards to the PM2.5 Maintenance SIP.

C. Regional Studies

Staff briefed the Northern Virginia Transportation Authority (NVTA) Jurisdiction and Agency Coordinating Committee (JACC) on July 9 about the activities of the MSWG and the GHG reduction strategies being analyzed.

Staff gave an update to the TPB Technical Committee on July 10 on the activities of MSWG related to the examination of potential GHG reduction strategies.

Staff reviewed the consultant's technical memorandum on the analysis of the 22 GHG reduction strategies recommended by the MSWG for detailed quantitative analysis and provided comments to the consultant on this analysis. The consultant then presented the results of this analysis to the MSWG Transportation and Land Use Subgroup on July 17.

Staff reviewed and provided feedback on the consultant's Draft Interim Technical Report on the "Multi-Sector Approach to Reduce Greenhouse Emissions in the Metropolitan Washington Region". The consultant presented the revised Draft Interim Technical Report to the full MSWG on July 31.

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.

Staff updated the TPB Technical Committee, the TPB Steering Committee and the Board on the development of the regional list of unfunded transportation projects and recommended that a Board chaired Unfunded Capital Needs Working Group be established to finalize the Draft list of unfunded projects, develop a scope of work to analyze the list, and to suggest policy and planning actions for the Board's consideration in addressing the region's unmet transportation capital needs.

Staff participated in a conference call with Board members Newton and Way, who had been appointed Chair and Vice Chair respectively of the Unfunded Capital Needs Working Group, to plan the agenda for the September meeting of the Working Group.

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 analyzed the updated the IHS Global Insight population, household, and employment projections for the TPB Planning Region that will be used to prepare the benchmark econometric model projection for the Round 9.0 Cooperative Forecasts.

Staff processed and distributed to local jurisdictions InfoGroup establishment level employment data that will be used in preparing TAZ level baseline employment estimates for the Round 9.0 Cooperative Forecasts.

Staff provided the Cooperative Forecasting Subcommittee with jurisdictional-level factors to estimate self-employment from wage and salary employment totals.

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 investigated the potential use of 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 updated Metrorail and commuter rail summary tables, peak and off peak, for the upcoming report that will document the 2015 CLRP transportation network.

Staff continued testing COG's updated (ArcGIS10-based) GIS-based network editing tool (COGTOOLS).

Staff updated the transportation network database to include several VDOT alternatives for I-66, both inside and outside the Beltway (the networks were initially prepared in Cube Voyager networks).

B. GIS Technical Support

Staff planned and participated in the July 28 meeting of the GIS Committee meeting where the Committee was briefed on the initial results of the initial NextGen 9-1-1 data analysis. Staff planned and participated in the National Capital Region Geospatial Data Exchange (NCR GDX) Governance working group meeting on July 15 where the group discussed a new round of stakeholder outreach and technical updates to the NCR GDX. Staff also planned the August 26 meeting of the governance working group.

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

Staff continued to update the unfunded projects geodatabase with updated information gathered from member jurisdictions, worked with Program Coordination team staff to revise the unified list of unfunded projects for the July TPB Technical Committee meeting, and showed an updated draft map of unfunded projects at that meeting.

Staff continued to participate in regularly held meetings of the CLRP project coordination team in preparation of releasing all materials related to the 2015 CLRP Amendment at the September TPB Technical Committee and Board meetings. Staff continued to work on updating the 2015 CLRP geodatabase, and provided the Program Coordination team with HTML code for embedding a web map on the CLRP web site. Staff created several web maps and applications for the 2015 CLRP projects.

Staff updated the WMATA bike mode of access web map to reflect numbers as well as percent values and provided guidance to Department of Community Planning & Services (DCPS) staff on the availability of regional bicycle and pedestrian accident data. Staff assisted TPB's Freight Planner with the spatial projection of data for the freight plan. Staff assisted a DDOT staff member who was conducting a corridor study along Martin Luther King Jr. Ave with contacts for relevant spatial data. Staff created an ArcGIS map document and draft web map application of depicting some of the region's economic competitiveness assets, at the request of the Director of Planning and Programming.

Staff worked with DTP and DCPS staff in resolving discrepancies in modeling and planning data for the TAZs assigned to regional Activity Centers. Staff assisted fellow DTP staff with using Bing Maps in ArcGIS for Desktop. Staff assisted WMATA planning staff with a request for guidance in understanding the geographical differences between the current and previous version of the TAZ area system, participated in a conference call with WMATA staff, and provided several data files.

C. Models Development

The Travel Forecasting Subcommittee (TFS) met on July 17. COG/TPB staff distributed three of six end-of-fiscal-year reports for a 30-day review and comment period. These three reports were written by the on-call consultant, in consultation with COG/TPB staff. The remaining three end-of-fiscal-year reports, associated with the strategic plan for models development, were shared with the TFS for their review and comment on August 27.

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.

DTP staff responded to 10 technical data requests during July and August. Request were received from state DOTs, local planning agencies, and consultants.

On July 30, COG/TPB and WMATA staff met via teleconference to discuss WMATA's recent scenario planning work, which was also a topic at the July 17 TFS meeting. COG/TPB staff has begun drafting a memorandum that will convey COG/TPB comments on the WMATA work.

Staff met with FBI staff and their consultant (Jacobs) to discuss data needs for a parking study involving potential candidate sites for relocating the FBI's central office.

One staff member was invited to present at the Mid-Atlantic Cube Model Users Group Meeting which was held at the University of Maryland on August 18. The presentation was concerned with recent research conducted at COG regarding the use of cellular information as a basis for improving travel forecasting.

D. Software Support

Staff worked with COG IT staff to setup a new travel model server that will be used for models development work. Staff performed benchmark tests to determine the optimal way to configure the new hardware.

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

5. TRAVEL MONITORING

A. Cordon Counts

Staff continued finalizing the Regional HOV Report.

B. Congestion Monitoring and Analysis

Staff met with the consultant to review the outline of the 1-second Time Lapse Aerial Photo (TLAP) pilot study report. Staff worked with the contracting staff to extend the congestion monitoring contract to December 2015. Staff provided speed information on the regions highways to the Multi-Sector Working Group contractor for help in their quantitative analysis of operational strategies. The consultant has prepared the final 2014 regional congestion monitoring report. Staff updated the MOITS Subcommittee on the progress of the projects.

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

Staff continued 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.

Staff continued work on the RFP for the 2015 Geographically Focused Household Travel Survey data collection

D. Regional Transportation Data Clearinghouse (RTDC)

Staff requested copy of MD Volume Class Turning Movement dataset from Abhay Nigam (MD SHA).

Staff downloaded and summarized 2014 QCEW Annual Average Employment data for the TPB Modeling Region and Planning Area.

Staff corresponded with Tom Roff (FHWA) to learn how to obtain HPMS Spatial Intersector data for Maryland, Virginia, and West Virginia.

Staff began to update the Jurisdictional VMT Table and began to prepare SAS programs to pull and summarize permanent count station data by month and day-of-week for travel forecasting team staff.

Staff prepared an ArcGIS map document and published a map service of the regional Activity Centers by their TAZ boundaries for inclusion in the RTDC project page.

6. **TECHNICAL ASSISTANCE**

A. **DISTRICT OF COLUMBIA**

1. Program Development, Data Requests & Miscellaneous Services

Staff responded to a DDOT request for assistance concerning a PPSA On-Demand Data Collection task.

2. Traffic Counts and HPMS Support

The August HPMS Coordinating Committee meeting included status updates on: the short-term counting program, the selection process for the FY2016 short-term count contractor, proposed modifications to HPMS sections, and potential topics for discussion in FY 2016. Following the meeting, staff obtained additional information for a few HPMS sections that were recommended for possible revision before they are assigned to the Counting Contractor.

The following June and July continuous traffic count data were processed, reviewed and assessed for completeness and reasonableness: data 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 June and July data summaries and notations on missing or questionable data records.

Staff completed the following administrative tasks:

- Review and approval of a short-term counting contractor's invoice for services provided in June;
- Procurement of a counting contractor for FY 2016

Staff provided the following technical assistance to DDOT staff (upon request):

- Response to comments from FHWA's Travel Monitoring & Surveys Team about the 2014 HPMS submittal
- Calendar year 2014 daily and annual vehicle miles traveled

Staff signed up to attend the 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

Staff assessed the status of the MD Tech Assistance as it pertains to the three transit corridors that have been studied during the previous fiscal year in order to assess staff time requirements and availability for the remaining alternatives still to be analyzed.

2. Project Planning Studies

No staff work activity during the reporting period.

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. 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 details.
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. Data/Documentation Processing
Upon request by VDOT staff prepared a 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 attended meetings in Northern Virginia to monitor various activities and studies that could require TPB input, data, technical assistance.
3. Travel Demand Modeling
Staff attended meetings regarding technical studies that use TPB inputs mostly from the regional travel demand model. Studies include Envision Route 7 (NVTC), TransAction (NVTA), VTrans (VDOT), Project Prioritization according to HB 2/HB599 criteria (NVTA).
4. Regional and Sub-Regional Studies
Staff participated in 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.
5. Other Tasks yet to be Defined
No staff work activity during the reporting period.

D. WMATA

1. Program Development

No staff work activity during the reporting period.

2. Miscellaneous Services

No staff work activity during the reporting period.

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 continued work on the supply analysis for the Air Cargo Element. Staff issued the RFP for the 2015 Air Passenger Survey on July 2nd. Staff reviewed proposals and convened a technical selection committee to choose a contractor during August.

2. Update Ground Access Forecasts/Ground Access Element

Staff completed the draft ground access element section of this project. Staff completed the FAA reauthorization letter approved by the COG Board and it was issued to the distribution list on July 9.

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**

July/August 2015

	BUDGET TOTAL	FUNDS EXPENDED	% FUNDS EXPENDED
1. PLAN SUPPORT			
A. Unified Planning Work Program (UPWP)	73,550.00	16,756.94	23%
B. Transp Improvement Program (TIP)	225,300.00	23,447.97	10%
C. Constrained Long-Range Plan	625,885.00	95,375.17	15%
D. Financial Plan	65,550.00	295.09	0%
E. Public Participation	491,060.00	57,528.66	12%
F. Performance-Based Planning for CLRP/TIP	100,000.00	3,319.77	3%
G. Annual Report	83,350.00	2,879.85	3%
H. Transportation/Land Use Connection Program	434,900.00	24,333.89	6%
I. DTP Management	488,333.00	32,817.87	7%
SUBTOTAL	2,587,928.00	256,755.20	10%
2. COORDINATION PLANNING			
A. Congestion Management Process (CMP)	213,150.00	13,635.62	6%
B. Management, Operations, & ITS Planning	429,050.00	49,087.21	11%
C. Emergency Preparedness Planning	78,400.00	9,917.95	13%
D. Transportation Safety Planning	130,100.00	12,657.21	10%
E. Bicycle and Pedestrian Planning	126,250.00	19,827.64	16%
F. Regional Public Transportation Planning	230,600.00	11,434.83	5%
G. Human Service Transportation Coordination	142,700.00	21,038.13	15%
H. Freight Planning	156,050.00	26,384.67	17%
I. MATOC Program Planning Support	124,850.00	11,103.67	9%
SUBTOTAL	1,631,150.00	175,086.93	11%
3. FORECASTING APPLICATIONS			
A. Air Quality Conformity	590,500.00	173,422.29	29%
B. Mobile Emissions Analysis	714,500.00	46,736.84	7%
C. Regional Studies	587,200.00	58,944.48	10%
D. Coord Coop Forecasting & Transp Planning	839,400.00	105,247.58	13%
SUBTOTAL	2,731,600.00	384,351.20	14%
4. DEVELOPMENT OF NETWORKS AND MODELS			
A. Network Development	800,800.00	87,898.15	11%
B. GIS Technical Support	571,000.00	123,492.35	22%
C. Models Development	1,214,500.00	150,884.55	12%
D. Software Support	186,200.00	20,706.31	11%
SUBTOTAL	2,772,500.00	382,981.36	14%
5. TRAVEL MONITORING			
A. Cordon Counts	261,000.00	33,666.73	13%
B. Congestion Monitoring and Analysis	389,100.00	31,777.27	8%
C. Travel Surveys and Analysis Household Travel Survey	1,959,800.00	25,730.60	1%
D. Regional Transportation Data Clearinghouse	330,700.00	22,424.16	7%
SUBTOTAL	2,940,600.00	113,598.77	4%
SUBTOTAL CORE PROGRAM ITEMS 1-5	12,663,778.00	1,312,773.46	10%
6. TECHNICAL ASSISTANCE			
A. District of Columbia	335,376.00	16,710.01	5%
B. Maryland	688,597.00	2,967.58	0%
C. Virginia	697,899.00	45,871.21	7%
D. WMATA	225,321.00	0.00	0%
SUBTOTAL	1,947,193.00	65,548.82	3%
TPB GRAND TOTAL	14,610,971.00	1,378,322.26	9%

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

July/August 2015
SUPPLEMENT I

	TOTAL		FTA/STA/LOC		FTA		PL FUNDS/LOC	
	AUTHORIZED BUDGET	TOTAL EXPENDITURES	AUTHORIZED BUDGET	EXPENDITURES	AUTHORIZED BUDGET	EXPENDITURES	AUTHORIZED BUDGET	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	16,453.68	35,607.90	2,493.11	199,392.10	13,960.57		
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	16,710.01	50,817.17	2,531.95	284,558.83	14,178.06		
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	35.72	13,637.07	5.41	76,362.93	30.31		
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	68.60	7,576.15	10.39	42,423.85	58.21		
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	24,243.68	0.00	135,756.32	0.00		
8. Human Service Trnsnp. 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	2,967.58	104,338.26	449.66	584,258.74	2,517.92		
C. Virginia								
1. VA Data Documentation	15,000.00	1,159.14	2,272.84	175.64	12,727.16	983.50		
2. FY16 Travel Monitoring	120,000.00	5,600.00	18,182.76	848.53	101,817.24	4,751.47		
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	34,853.76	18,167.45	5,281.15	101,731.55	29,572.62		
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	45,871.21	105,747.73	6,950.54	592,151.27	38,920.66		
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. 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	0.00	225,321.00	0.00	0.00	0.00		
GRAND TOTAL	1,947,195.00	65,548.80	486,224.16	9,932.15	1,460,968.84	55,616.65		