

FY 2016



National Capital Region
Transportation Planning Board

Work Program Progress Report
APRIL • 2016

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1. **PLAN SUPPORT**

A. **Unified Planning Work Program (UPWP)**

The final version of the FY 2017 UPWP was prepared and printed. Staff prepared a letter of transmittal to FHWA and FTA, describing how the UPWP meets federal requirements. The prepared materials were then transmitted to FHWA and FTA staff for review and approval.

The progress report for March on UPWP work activities was prepared.

B. **Transportation Improvement Program (TIP)**

At its April 1 meeting, the TPB Steering Committee approved one amendment to the FY 2015-2020 TIP. The amendment was requested by MDOT to include funding for the US 15 Catocin Mountain Highway Bridge Replacement and for the resurfacing of I-595/US 50. At its April 20 meeting, the TPB approved an amendment to update the project cost and to add funding to the FY 2015-2020 TIP for the Purple Line, as requested by MDOT.

During the month of April, staff processed one administrative modification for DDOT.

C. **Constrained Long-Range Plan (CLRP)**

During the month of April, a staff coordination team met to discuss the next steps for the air quality conformity analysis, performance analysis, public involvement, and documentation aspects of the CLRP.

D. **Financial Plan**

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

TPB staff met with WMATA staff to discuss financial reasonableness and the process for transit project submittal, looking ahead to the 2018 CLRP financial analysis.

E. **Public Participation**

The Citizens Advisory Committee (CAC) meeting on April 14 featured a briefing on the results of the 'No Build' Scenario Draft Analysis and updates on the Long Range Planning Task Force. The committee also voted to approve its 2016 Work Plan.

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

Staff launched a new electronic newsletter, which replaced and consolidated the *TPB News* and *TPB Weekly Report*.

Staff continued development of an evaluation of the TPB's public participation activities.

Staff recruited new members for a restructured Access for All Advisory Committee. The new committee was scheduled to meet in June.

F. **Performance Based Planning**

TPB staff continued tracking performance measurement notices by USDOT and other performance provisions activities. At the April Technical Committee meeting attendees were briefed on the final rulemakings on the Highway Safety Improvement Program (HSIP) and the HSIP: National Performance Management Measures. TPB staff also continued to refine data for the performance measures for the TPB metropolitan planning area in the categories of Highway Safety and Highways Conditions: Pavement and Bridges. On April 22

the draft rulemaking for the System Performance Measures Rule (Congestion, Air Quality, and Freight) was published. Staff reviewed and participated in several FHWA webinars on the draft rules. A memo and presentation on the rulemaking was prepared for the May Technical Committee.

G. TPB Annual Report and TPB News

The new *TPB News* newsletter was produced and distributed.

Staff continued to finalize content for the next Region magazine. A graphic designer worked on the publication's layout.

H. Transportation / Land Use Connection Program (TLC)

Staff reviewed 20 applications that were submitted for funding under the FY 2017 round of technical assistance for the TLC Program. A selection panel comprised of external experts was convened on April 27 to determine recommendations for funding. The TPB was scheduled to approve the recommendations at its May meeting.

At its April meeting, the TPB approved a package of projects for funding in Northern Virginia under the Surface Transportation Block Grant Program (STP Set Aside), formerly known as the Transportation Alternatives Program. The TPB is responsible for project selection for a portion of funding under this federal program. The projects the TPB approved were recommended by an expert panel that the TPB convened in March.

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

I. DTP Management

Staff support was provided for the April 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 April TPB Meeting.

The DTP Director participated in the April State Safety Oversight/Metropolitan Safety Commission (SSO/MSO) Policy Work Group meetings.

The DTP Director participated in meeting on the status of the efforts to transition its current State Safety Oversight program to the new Metropolitan Safety Commission.

The DTP Director participated in April meeting of the COG Chief Administrative Officers (CAO) meeting.

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

Senior DTP staff met with FHWA District of Columbia Division Administrator Christopher Lawson on a FHWA multi-jurisdiction planning initiative.

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

The DTP Director participated in the April Planning Directors Technical Advisory meeting.

The DTP Director attended the April Region Foreword Coalition meeting.

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

The DTP Director reviewed items for the April TPB agenda with the TPB Chairman.

The DTP Director participated in a conference call on VDOT's Transform 66 P3 project.

The DTP Director participated in planning sessions for the June 13th Metro Forum being sponsored by COG and the Washington Board of Trade.

The DTP Director met with the Dutch Regional Planning Delegation and discussed with them the transportation planning process in the metropolitan Washington region.

The DTP Director along with the COG Executive Director met with BMC's Executive Director and Transportation Planning Director on several issues of mutual interest to both metropolitan areas.

The DTP Director was interviewed by Washington Post Reporter Robert Thompson (Dr. Gridlock) on the March 16th Metrorail shutdown and current travel trends in the region.

The DTP Director met with the entire DTP staff to review and explain the reorganized internal staffing and reporting structure that is to be put into place when a long-serving DTP Program Director retires in June.

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.

2. COORDINATION PLANNING

A. Congestion Management Process (CMP)

Data analysis and performance measures calculation were completed for the 2016 Congestion Management Process Technical Report. Compilation of congestion management strategies in the region was also largely completed.

A memorandum analyzing the traffic impact of the March 16 Metrorail shutdown was completed. The preliminary results of this analysis were reported to the TPB Technical Committee meeting on April 1, and the finalized results were released in the revamped TPB News published on April 13.

Staff studied the FHWA proposed rule released on April 22 to assess performance of the National Highway System, freight movement on the Interstate System, and the Congestion Mitigation and Air Quality Improvement Program, including drafting summary tables and participated in three webinars: the System Performance/Freight/CMAQ PM NPRM External Webinar (April 21), the Freight Webinar for System Performance/Freight/CMAQ NPRM (April 25), and the System Performance Webinar for System Performance/Freight/CMAQ NPRM (April 26).

On April 6, staff participated in the "Planning for Tomorrow's Transportation, Today" roundtable discussions at Northern Virginia Transportation Authority. On April 21, staff monitored the VPP Suite User Group & Bottleneck Tool Webcast. On April 26, staff remotely joined the I-95 Corridor Coalition Travel Information Services Program Track Committee meeting.

Staff continued work on the development and compilation of Chapter 3 of the 2016 CMP Technical Report. The work includes compilation of existing congestion management strategies and new strategies.

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

The April 13, 2016 meeting of the MOITS Technical Subcommittee was organized and conducted. The Subcommittee received information and provided input on Northern Virginia's current Integrated Corridor Management (ICM) Planning Effort for the East-West Travel Shed; on current federal grant opportunities; and on a staff analysis of the travel effects of the March 16, 2016 Metrorail shutdown.

The April 13, 2016 meeting of the Traffic Signals Subcommittee was organized and conducted. The Subcommittee received information and provided input on the TIGER grant-funded multi-agency transit signal priority implementation project; on VDOT's plans for upgrading traffic signal hardware and software statewide; on an upcoming regional survey by TPB staff in traffic signal timing/optimization; and on a single-camera complex lens technology for traffic detection, data collection, and situational awareness at intersections.

Staff participated in the monthly coordination meeting for the regional TIGER grant, which was held April 18.

Staff participated in the University of Maryland/National Transportation Center Transportation Innovation and Policy Summit, held April 14 in College Park, which included a regional and national discussion on the interaction of policy and emerging technologies.

C. Transportation Emergency/Security Planning

Information sharing and preparations for the May meeting of the Regional Emergency Support Function 1 (RESF-1) Committee continued. The April RESF-1 meeting was cancelled due to schedule conflicts. The FY 2016 Urban Area Security Initiative (UASI) project grants were announced and University of Maryland Center for Advanced Transportation Technology Lab (CATT Lab) staff were informed of the funding for RITIS O&M maintenance, and Traffic View maintenance.

D. Transportation Safety Planning

The April 19, 2016 meeting of the Transportation Safety Subcommittee was organized and conducted, examining the recently released Governors Highway Safety Association Pedestrian Fatality Report, and the ongoing discussion originating from the Citizen's Advisory Committee recommendation for a regional goal to eliminate all traffic fatalities. Staff briefed the TPB Transportation Safety Subcommittee on the recently released Safety Performance Measure final rule and Highway Safety Improvement Program final rule, including MPO requirements; the TPB Technical Committee was provided a similar briefing at their April 1 meeting.

Staff attended the Maryland Safety Summit on April 26 to discuss the newly published Strategic Highway Safety Plan and the ongoing coordination through its emphasis area teams.

E. Bicycle and Pedestrian Planning

The Bicycle and Pedestrian Subcommittee's short list of unfunded projects was updated and presented to the April 1, 2016 TPB Technical Committee meeting, in preparation for future presentation to the TPB, and potential incorporation into the Long Range Transportation Plan in conjunction with the Long Range Plan Task Force. Following comments received, a revised version was undertaken in preparation for May meetings.

Coordination and technical input were provided for the successful April 11 press event for the spring 2016 Street Smart campaign.

In conjunction with the UPWP effort to identify regional bicycle circumferential routes, staff continued coordination continued with the National Park Service/Washington Area Bicyclist Association Regional Trails Coalition (RTC). Staff participated in April 7 and April 27 meetings of the RTC Trail Analytics Working Group, which discussed challenges and potential resources for creating a regional trails plan. An April 21 fact-finding conference call was held with RTC members and the Delaware Valley Regional Planning Commission staffer for the Philadelphia area's "Circuit", to learn more about the Circuit's organizational structure, funding, and trail selection process, as a potential model for the RTC. Staff also participated in the Capital Trails Coalition governance working group meeting on April 20, and the general Capital Trails Coalition meeting on April 28.

Preparations continued for a planned TPB-sponsored June 29 workshop on the *FHWA Separated Bike Lane Design Guide*, including identification of potential speakers from Federal Highway and local jurisdictions.

F. Regional Public Transportation Planning

The Regional Public Transportation Subcommittee met on April 26. Agenda items included a DASH SmarTrip Loading Policy Presentation, an overview of the WMATA Real-Time Info (Bus ETA) Project, a briefing on the proposal to restructure the TPB's Access For All Advisory (AFA) Committee, and an update on work program process. Approximately eight attendees then participated in an optional group ride on the DC Streetcar. Work continued on the development of the State of Public Transportation Report. TPB staff also provided minor support for the development of information and materials for the next COG-BOT Metro Forum, scheduled for June 13. TPB staff also worked to complete FTA planning requirements for the restructured FY 2017 UPWP.

G. Human Service Transportation Coordination

During the month of April, staff issued a call for applications to solicit members of the reconfigured Access for All Advisory Committee. In March, the Steering Committee concurred with the merging of the two committees. In April, the TPB was briefing on the reconfiguration of the Access for All Advisory committee and TPB members were asked for suggestions for community-based organizations to reach out to and invite to join the AFA. Two applications were created for the solicitation: one for members and one for ex-officio members which will include transportation and human service governmental agencies as well as private providers of transportation. The solicitation for members is anticipated to conclude in late May with the first meeting of the reconfigured AFA to occur in late June.

H. Freight Planning

Staff briefed the TPB Technical Committee on the status of the draft regional freight plan.

Metropolitan Washington Airports Authority representatives were consulted to obtain their input for the air cargo section of the draft Regional Freight Plan.

Staff participated in an FHWA System Performance Rule webinar to better understand the provisions detailing the national freight performance measures and MPO requirements pertaining to them.

An agenda and other materials were prepared for the regularly scheduled May 2016 TPB Freight Subcommittee meeting on the topic of truck route signage.

Staff continued work on the draft Regional Freight Plan completing missing sections and preparing presentation materials for the May TPB Technical Committee meeting.

Staff developed responses to the comments received from Access for All Committee members on the draft freight policies.

Letters of support were developed for several FASTLANE and TIGER grant applications seeking funding for important regional transportation projects including the reconstruction of the Arlington Memorial Bridge, construction of a bridge on US Route 15 over the Norfolk Southern rail line, increased rail capacity on the CSX Rail line between the Potomac and Occoquan Rivers, improvements to I-395, and two complete and green streets projects.

Additional freight stakeholders were recruited to attend a May freight forum for VDOT's Northern Virginia East-West Corridor ICM project.

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 under this task.

The April 5 joint meeting of the MATOC Information Systems Subcommittee and MATOC Operations Subcommittee was organized and conducted, providing an opportunity for inter-committee coordination.

The April 8 MATOC Steering Committee monthly meeting was organized and conducted, accommodating the monthly opportunity for the MATOC Steering Committee to provide oversight to the MATOC program, and providing guidance to the ongoing work of the MATOC subcommittees and working groups.

The season-ending April 21 meeting of the MATOC Severe Weather Working Group was organized and conducted, providing for ongoing coordination between transportation agency snow personnel, and including a recap of lessons learned from the 2015-2016 winter season.

The First Annual MATOC Regional Traffic Incident Management (TIM) Conference was organized and conducted, taking place on April 27 at the University of Maryland (morning session) and the Maryland Fire and Rescue Institute (afternoon session), providing an opportunity for collaboration among regional transportation agencies' incident responders in the fields of transportation management, fire and rescue, law enforcement, towing and vehicle recovery, and related disciplines.

Staff input to a retrospective Annual Report publication for the MATOC Program for 2015, was completed and turned over to the graphic designers on the staff of the University of Maryland Center for Advanced Transportation Technology for finalization.

3. **FORCASTING APPLICATIONS**

A. Air Quality Conformity

Staff is preparing the technical travel modeling inputs that will be used in the air quality analysis of the 2016 CLRP and FY2017-2022 TIP. This work includes coordinating with state DOT's to ensure that regionally significant projects are comprehensively accounted

for. Staff has completed the preparation of year-2016 transportation network inputs to the travel model. This is the first of a series of network inputs that will be used in the upcoming analysis.

TPB staff participated in two conference calls to answer questions from private sector bidders for VDOT's I-66 "Outside-the-Beltway" HOT lanes project. This facility is among the most significant system improvements to the regional Plan.

In accordance with TPB consultation procedures, staff shared monthly TPB meeting and air quality conformity-related items to all appropriate agencies and public advisory committees.

B. Mobile Emissions Analysis

DEP staff has provided TPB staff with a scope of work and timeline for the proposed 2008 ozone NAAQS redesignation request and maintenance plan. This project will essentially revisit mobile ozone budgets that will be considered in future air quality conformity work.

DEP staff reviewed non-travel-related inputs to MOVES2014a provided by the regional state air agencies. DEP staff transmitted the inputs to DTP staff and which will support MOVES2014a emissions modeling for the 2016 CLRP & FY2017-22 TIP Analysis.

DTP staff provided MOVES2014 input data for year 2030 to VDEQ upon their request.

Staff attended GreenStep and CMAQ cost-effectiveness webinars provided by FHWA on April 7 and April 28, respectively.

DTP staff and DEP staff teamed to respond to a request by the City of Falls Church to obtain the number of electric vehicles currently registered in that particular jurisdiction.

C. Regional Studies

Staff follow-up on survey questionnaires sent to local jurisdictions, state agencies and regional agencies regarding implementation considerations for the recommended consensus Multi-Sector Working Group (MSWG) greenhouse gas reduction strategies.

Several letters of support were prepared for grant applications from across the region to be submitted for the FY 2016 TIGER and FTA Bus Grants notices of funding opportunity.

At the work session of the Long-Range Plan Task Force on April 20, staff presented the results of a "No-Build" scenario that was compared to the CLRP. Staff continued to gather detailed information necessary to code the "All-Build" scenario.

Staff continued to refine a process for identifying unfunded bicycle and pedestrian priority projects. This process was presented to the task force on April 20.

Staff developed a proposal for promoting regional priorities to the TPB member jurisdictions. This process was presented to the task force on April 20.

Staff developed an internal draft of project selection criteria, which was scheduled for release and discussion in May.

D. Coordinated Cooperative Forecasting & Transportation Planning

Staff prepared a draft TAZ-level Round 9.0 Cooperative Forecasting land activity database for all jurisdictions in the TPB modeled area and reviewed the updated Round 9.0 TAZ-level forecasts submitted by COG member jurisdictions and the Baltimore Metropolitan Council (BMC) for the jurisdictions in the BMC portion of the TPB modeled area.

Staff followed up with several jurisdictions where the jurisdictional sum of the TAZ-level population, household and employment totals in the TAZ-level Round 9.0 Cooperative Forecasting land activity database did not match the previously approved jurisdictional-level totals submitted for these jurisdictions. After local jurisdiction staff verified the accuracy of the Round 9.0 TAZ-level totals, COG Department of Community Planning and Services staff prepared a consent agenda resolution for the COG Board that asked that the Board approve updated Round 9.0 jurisdictional-level totals based the summarization of the TAZ-level data. The COG Board adopted this consent agenda resolution at their April meeting.

Staff prepared a memorandum for the TPB that explained the differences in definition of “retail employment” categorized by the industry classification system used for reporting national economic statistics and “retail employment” categorized by local land use type. This memorandum was prepared in response to a question about the forecast growth in retail jobs at the March TPB meeting.

Staff continued 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

After a 30-day review and comment period, the documentation of the 2015 CLRP transportation networks was finalized and uploaded to the COG website. The final report includes minor edits and corrections that were identified in a draft version of the report.

Staff provided database support for networks being developed for the air quality conformity assessment of the 2016 CLRP and FY 2017-2022 TIP. This work is currently ongoing.

Staff continued support to the consultant-assisted project to develop and apply the regional travel demand model (Task Order 16.2). Several network-related tasks are in development including the establishment of updated “Screenlines,” which are geographic demarcations used to assess travel modeling performance, and the investigation of refined transit network coding practices.

B. GIS Technical Support

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

Staff completed work on developing a web mapping application for the Constrained Long-Range Plan (CLRP) environmental justice analysis.

Staff worked with Commuter Connections and jurisdictional staff to edit pit stop locations on the Commuter Connections Bike to Work Day web map and provided HTML code to update this information on the Commuter Connections website.

Staff performed ArcGIS software installations on several DTP staff workstations.

Staff worked with COG Information Technology & Facilities Management (ITFM) staff to renew the GIS server's SSL web security certificate.

Staff planned and participated in the April 7th meeting of the GIS Committee. The project to build a Spatial Interface for NextGen 9-1-1 was kicked off at this meeting.

Staff planned and participated in the April 7th meeting of the NCR GDX Governance Working Group where the idea of moving the Geospatial Data Exchange to the AGOL platform was discussed.

C. Models Development

One staff member met with a delegation Staff investigated 12 technical enhancements to the currently adopted travel demand model. These included fixes to minor bugs, improvements to existing modeling procedures and software version upgrades. Nine of the 12 enhancements were deemed viable for implementation. The enhancements have been documented in a memo dated April 26 and staff is currently preparing the model for use in upcoming air quality conformity work.

Staff conferred with the consultant team supporting travel model development work on April 1 and on April 27. Four task orders are currently in progress:

- a. Task Order 16.2 ("Advice and Testing"):
- b. Task Order 16.3 ("Managed Lanes"):
- c. Task Order 16.4 ("Nonmotorized Model Enhancement")
- d. Task Order 16.5 ("Mode Choice Model Enhancements"):

Several technical documents pertaining to the task orders were transmitted during April. The documents are under review. The project is ongoing.

Staff conducted a special travel modeling scenario that examined the effect of shutting down the Metrorail system (a condition that actually occurred on March 16). The test was documented in a memorandum dated April 15.

Staff responded to six technical requests for data or technical assistance. M-NCPPC (Montgomery County) requested assistance with comparing and interpreting results of the local county-based travel model regarding changes in VMT per capita. Two data requests were from consultants working on local project planning studies.

COG/TPB staff met with BMC's technical staff, via teleconference, on April 20 to exchange information about technical activities currently underway. It is hoped that similar meetings will take place every six months.

D. Software Support

Staff assessed hardware needs and coordinated with COG's Information, Technology and Facilities Management (ITFM) team to order equipment. Hardware needs and purchases are normally addressed toward the end of each fiscal year (June 30).

5. TRAVEL MONITORING

A. Cordon Counts

Staff continued planning for the spring truck data collection funded under this work item, and began working with the Office of Accounting and Finance to finalize the RFQ for the Bluetooth component of the data collection.

B. Congestion Monitoring and Analysis

Regional analysis of the 2010-2015 I-95 Vehicle Probe Project/INRIX data was completed and the performance measures have been incorporated in the draft 2016 Congestion Management Process (CMP) Technical Report.

Utilization of the VPP Suite for arterial Travel Time Index, Planning Time Index, top bottlenecks, and travel times along major commute routes was completed and charts and maps were included in the 2016 CMP Technical Report.

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

Staff began work on the RFP for the region-wide 2017 TPB Geographically-Focused Household Travel Survey.

D. Regional Transportation Data Clearinghouse (RTDC)

Staff completed the update of the table that links state counting station locations to the TPB highway network for 2015.

Staff continued processing the 2014 hourly and classification traffic data from Virginia and the District of Columbia.

Staff completed work on the updating average weekday bus and commuter rail ridership for the July 2014 to June 2015 time period.

Staff updated the Metrorail lines and station datasets in the RTDC to improve the spatial accuracy of the features.

Staff adjusted the aggregation of INRIX TMCs to TPB defined Arterials so that historical INRIX data can be easily displayed by direction.

Staff prepared a table of Average Annual Daily Traffic at Potomac River crossings for the period of 2009 through 2014 to answer a request by a TPB member.

Staff prepared an analysis of the Metro shutdown which included obtaining detailed transit and highway count data for the day of the shutdown and the two previous Wednesdays. Staff summarized, analyzed, and mapped these data to provide a quick-turnaround picture of the effects of the shutdown.

Staff responded to a request for assistance obtaining the Activity Center dataset from the RTDC project page.

Staff began development of a new RTDC data viewer that will replace the RTDC web map on the RTDC project home page. Staff worked with ESRI technical support regarding several issues related to data display, data design and application development in support of the new RTDC data viewer.

6. TECHNICAL ASSISTANCE

A. DISTRICT OF COLUMBIA

1. Program Development, Data Requests & Miscellaneous Services

Staff reviewed the scope for bicycle and pedestrian counts to be performed under this program.

2. Traffic Counts and HPMS Support

The April HPMS Coordinating Committee meeting included status updates by TPB Staff on: the preparation of the CY 2015 Traffic Data for the HPMS submittal and the status of the 2016 permanent count station data and short-term counts. Staff prepared the agenda and the summary for this meeting.

The following March 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. A technical report was subsequently submitted to DDOT field inspection personnel, which was supplemented by March data summaries and notations on missing or questionable data records.

Staff continued to process the calendar year 2015 annual submittal, by preparing:

- Average annual daily traffic (AADT), including ramp AADT
- K-factor
- D-factor
- Truck Single Unit and Combination Unit AADT and percent peak

Staff completed the following administrative tasks:

- Reviewed and approved payment for second invoice for FY 2016.
- Inquired if a count location required permission from the park service prior to placing counting tubes.
- Requested and obtained latest ssr segid file with functional class as well as a copy of the DC Mileage Certification

Staff provided the following technical assistance to DDOT staff:

- Notified DDOT about unusual changes to sourcesegids in the segid file that impact ramps and how they are tracked from year to year

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 a request for travel forecasting support for a study covering a portion of the I-270 and I-495 corridor

2. Project Planning Studies

Staff continued working with MD SHA staff and consultants to document the project development and the alternatives analysis process for the Veirs Mill Road (MD 586) Study.

3. Feasibility/Special Studies

No staff work activity during the reporting period.

4. Transportation Performance Measures

Staff continued field work for the HOV counts and travel time data collection funded under this work program item.

5. Training/Miscellaneous Technical Support

No staff work activity during the reporting period.

6. Transportation / Land Use Connections Program (TLC)

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

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

No staff work activity during the reporting period.

8. 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 reviewed work scopes.

2. Travel Monitoring and Survey

Staff began field work for the HOV counts and travel time data collection funded under this work program item. Staff met with VDOT to review the bicycle and pedestrian count locations in Tysons Corner for this spring and developed a scope and budget for VDOT review.

3. Travel Demand Modeling

No staff work activity during the reporting period

4. Regional and Sub-Regional Studies

Staff reviewed materials from the TransAction study team. Staff participated in the monthly meeting cycles for NVTVA and NVTVC.

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

Staff reviewed work scopes.

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.

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

A. CASP 27

1. 2015 Air Passenger Survey

Staff continued processing of the 2015 Regional Air Passenger Survey data file and began drafting the General Findings Report.

2. 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 responded to comments on the draft report.

8. **SERVICES/SPECIAL PROJECTS**

No staff work activity during the reporting period.