

# FY 2012

**NATIONAL CAPITAL REGION  
TRANSPORTATION PLANNING BOARD (TPB)  
WORK PROGRAM PROGRESS REPORT  
FEBRUARY 2012**

METROPOLITAN WASHINGTON COUNCIL OF GOVERNMENTS

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# PROGRAM HIGHLIGHTS

## 1. PLAN SUPPORT

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

In February, the draft FY 2013 UPWP document was finalized and presented for review by the Technical Committee, released for public comment on February 15, and presented to the TPB. The final draft FY 2013 UPWP and the carry over projects from FY 2012 will be prepared for presentation to the Technical Committee in March and the TPB is scheduled to adopt them at its March 21 meeting.

Work continued monitoring the FY 2012 UPWP which began on July 1, 2011.

### B. Transportation Improvement Program (TIP)

At their February 3 meeting, the TPB Steering Committee approved two amendments to the FY 2011-2016 TIP. The first amendment, requested by the Montgomery County Department of Transportation included funding for the purchase of replacement buses for the Ride On bus system. The second amendment was requested by the District Department of Transportation to include funds for the Long Bridge Integrity and Capacity Study.

At its February 15 meeting, the TPB approved an amendment to the FY 2011-2016 TIP to include funding for the construction of the I-95 HOV/HOT Lanes project.

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

On February 3, the TPB Technical Committee was briefed on the draft project submissions for the 2012 CLRP and the FY 2013-2018 TIP. The public comment period on the project submissions for the 2012 CLRP and the FY 2013-2018 TIP closed on February 11. Staff summarized the comments received and worked with the submitting agencies to draft responses on behalf of the TPB. At the TPB meeting on February 15, the Board was briefed on the project submissions and the comments received and presented with the draft responses. The Board accepted the proposed responses and then approved the projects for inclusion in the Air Quality Conformity Assessments for the 2012 CLRP and the FY 2013-2018 TIP.

TPB staff began work on the performance analysis of the 2011 CLRP using the travel demand forecast data.

D. Financial Plan

The financial summaries in the FY 2011-2016 TIP are reviewed and updated as amendments are approved.

E. Public Participation

TPB staff conducted listening sessions on the Priorities Plan performance measures with two groups of stakeholders on February 22 and 24. A listening session with the Access for All Advisory Committee was held on February 23. Input from these sessions will be used to refine the performance measures and public information materials in anticipation of a series of focus groups to be held the spring.

Staff further researched the development of a new web-based clearinghouse of transportation planning activities conducted by the TPB's member jurisdictions throughout the region.

The 2012 CAC held its first meeting of the year on February 9, 2012. TPB Chairman Todd Turner spoke about his priorities for 2012. The committee received an orientation on the TPB process and key issues. The committee also reviewed and commented on the draft Street Smart campaign.

Staff recruited participants for the next session of the TPB's Community Leadership Institute, which will be held on March 29 and 31.

Access for All Advisory Committee

During the month of February staff prepared for a special meeting of the Access for All Advisory Committee on February 23 to discuss the development of the Regional Transportation Priorities Plan and WMATA's proposed fare increase. Staff prepared a draft of the AFA comments on the proposed fare increases for Metrobus, Metrorail and MetroAccess which was reviewed at the February 23 meeting. Also in February, a letter from AFA Chair Patrick Wojahn was sent to the WMATA Board on the committee's concerns and recommendations about the next MetroAccess contract structure. WMATA is expected to issue an RFP for the next MetroAccess contract(s) in June 2012. Staff developed a presentation and discussion questions tailored to the AFA on the goals and proposed performance measures for the development of the Regional Transportation Priorities Plan.

F. Private Enterprise Participation

*Regional Taxicab Regulators Task Force*

Staff prepared for a meeting of the Regional Taxicab Regulators Task Force on February 22. Staff worked with the Chair to finalize the agenda and invite a

speaker from Taxi Magic, Inc to present on its mobile phone application that allows customers to order and track a cab.

G. Annual Report

The February *TPB News* was produced and distributed.

TPB staff wrote and distributed four editions of the new web-based publication, the *TPB Weekly Report*.

Staff wrote approximately 50% of the text for the 2012 *Region* magazine.

H. Transportation / Land Use Connection Program (TLC)

Work on all eight TLC projects for FY2012 proceeded during February.

On February 24, the TLC Program hosted a webinar on the topic of coordinating mixed-use development near commuter rail station areas.

Staff prepared for the call for applications for the FY2013 round of TLC projects.

I. DTP Management

In addition to the provision of staff support for meeting of the TPB, the TPB Steering Committee, and the TPB Technical Committee, the following activities were undertaken:

- The DTP Director participated in a meeting of regional agencies and stakeholders at NCPC to discuss plans for future development of Union Station and surrounding areas.
- The DTP Director gave a presentation on regional transportation planning issues as part of a panel sponsored by the Suburban Maryland Transportation Alliance in Gaithersburg.
- The DTP Director gave a brief presentation to the COG Planning Directors Advisory Committee on the TPB's Priority Plan initiative.

**2. COORDINATION PLANNING**

A. Congestion Management Process (CMP)

2012 CMP Technical Report:

- Staff continued developing chapter 2 of the report, State of Congestion, mainly focused on the freeway congestion portion.

- Staff started work on Chapter 3 (Consideration and Implementation of Congestion Management Strategies) and Chapter 4 (Studies of Congestion Management Strategies), and gathered background information/document/data for the two chapters.

National Capital Region Congestion Report:

- A dedicated webpage of the NCR Congestion Report was launched: [www.mwcog.org/congestion](http://www.mwcog.org/congestion). Users can also access this webpage through the “Congestion Dashboard” entry on menu bar at [www.mwcog.org/transportation](http://www.mwcog.org/transportation).

On February 7, staff monitored the webinar The Role of Management and Operations in Supporting Livability and Sustainability provided by the National Transportation Operations Coalition (NTOC).

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

- Staff completed a final draft summary of the results of a survey on traffic signal power back-up systems in the region, in response to a recommendation from the October 26 COG Incident Management and Response (IMR) Action Plan. These results were presented to several committees during February 2012, including the TPB Technical Committee on February 3, the Traffic Signals Subcommittee on February 8, the MOITS Technical Subcommittee on February 14, and the COG IMR Steering Committee on February 22. Staff began follow-up activities from comments received at these meetings regarding long-term tracking of progress on power back-ups.
- Staff prepared for and supported the February 8 Traffic Signals Subcommittee meeting and the February 14 MOITS Technical Subcommittee meeting. In addition to the discussion of traffic signal power back-ups, topics included updates jurisdictional traffic signals activities and a review of regional websites related to emergency preparedness ([www.capitalregionupdates.gov](http://www.capitalregionupdates.gov) and [www.matoc.org](http://www.matoc.org)).
- Staff continued coordination with the *Multimodal Coordination for Bus Priority Hot Spots* study being undertaken through the Technical Assistance program of the UPWP, providing input to the consultant team.
- Staff continued coordinating MOITS activities with the Regional Emergency Support Function #1 – Emergency Transportation Committee (see also Item 2.C), and the Metropolitan Area Transportation Operations Coordination (MATOC) Program (see also Item 2.I.).

- Staff participated in Federal Highway Administration webinars on management and operations on February 7 and February 29.
- Staff completed an online training course on ITS architecture, and is reviewing all of the existing regional ITS architecture documents. Staff discussed the Virginia ITS architecture with VDOT staff.

C. Transportation Emergency Preparedness Planning

The Regional Emergency Support Function #1 (RESF-1) Emergency Transportation Committee met on February 17<sup>th</sup>. The committee received a briefing from staff on the current status of the Urban Area Security Initiative (UASI) FY 2012 process which included a reminder of all deadline dates. The Committee reviewed potential proposals for submission by Dr. Pack (UMD).

Dr. Pack head of the RITTS programs at the University of Maryland presented four projects that could possibly be funded by FY12 UASI funds. Staff assisted RESF-1 UASI participants in constructing the projects into proper proposals. All four projects proposed fulfilled the requirements set by regional emergency management leadership. The committee decided to move forward with the four projects proposed and will be preparing project concepts to submit on March 5<sup>th</sup>.

Staff provided support for preparation and follow-up to this meeting, ongoing participation of RESF-1 representatives in the UASI process, and ongoing emergency transportation planning/RESF-1 efforts.

D. Transportation Safety Planning

Staff met to discuss the agenda and other materials for the first meeting of the long-dormant Transportation Safety Subcommittee scheduled for March 16, 2012. Staff gathered and compiled the latest available transportation safety data to present to the Subcommittee at the March meeting.

Staff briefed the TPB Technical Committee, the Citizens Advisory Committee, the COG Police Chiefs Committee, and the Baltimore Metropolitan Council's Safety Subcommittee on the Spring 2012 Street Smart pedestrian and bicycle safety campaign. Staff met with the advisory group on February 28<sup>th</sup> to review the 2012 ads for Street Smart.

E. Bicycle and Pedestrian Planning

Staff developed a revised *Complete Streets Guidance and Policy Template* to the Bicycle and Pedestrian Subcommittee based on comments received at and subsequent to the January 30<sup>th</sup> Complete Streets Stakeholders Workshop and the February 3<sup>rd</sup> TPB Technical Committee meeting. This draft was then further revised based on comments at the State Technical Work Group on February

28<sup>th</sup>. The *Complete Streets Guidance and Policy Template* was presented to the March meeting of the TPB Technical Committee, and approved to be presented to the March Transportation Planning Board meeting as an information item.

Staff briefed the TPB Technical Committee, the COG Police Chiefs Committee, and the Baltimore Metropolitan Council's Safety Subcommittee on the Spring 2012 Street Smart pedestrian and bicycle safety campaign. Staff met with the advisory group on February 28<sup>th</sup> to review the 2012 ads for Street Smart.

COG/TPB will host a series of meeting on a proposed inter-jurisdictional agreement to expand Capital Bikeshare. In order to learn more about the administrative structure of the Capital Bikeshare program, staff attended a Capital Bikeshare Transit Development Plan meeting on March 29<sup>th</sup>.

#### F. Regional Bus Planning

The TPB Regional Bus Subcommittee met in February. Attendees from the City of Alexandria gave a presentation on the BRT projects under construction or in planning in the City. Attendees then discussed Federal grant opportunities and an updated priority list of regional bus projects prepared by TPB staff from inputs across the region.

TPB staff supported the next steps in the NCHRP 8-36 study on Performance Measurement for Bus Priority Corridors in the Maryland Suburban region, in a joint effort with participants from MDOT, SHA, WMATA, Montgomery and Prince George's Counties. Highway performance data is being collected and will be compared with transit performance data from the Multimodal Coordination for Bus Priority Hot Spots study.

#### G. Human Service Transportation Coordination

Staff reviewed two applications for Section 5310 funding that were submitted to the Virginia Department of Rail and Public Transportation (DVRPT). The applications were reviewed for consistency with the Coordinated Human Service Transportation Plan for the National Capital Region. A memo explaining the findings was prepared and submitted to VDRPT.

Staff participated in discussions with the Chair of the Human Service Transportation Coordination Task Force and WMATA about ways to study and promote human service transportation coordination and expanding customer choices in jurisdictions. Discussions included a potential study to identify gaps and overlapping services in Maryland and utilizing wheelchair accessible taxis in the D.C. to provide alternatives to MetroAccess.

Staff finalized the project templates developed as part of the JARC and New Freedom Assessment and posted them to the solicitation website.

#### H. Freight Planning

- On February 2, 2012, staff prepared the agenda and briefed the Chairman for our TPB Freight Subcommittee.
- Staff organized speakers for the upcoming March 8, 2012 TPB Freight Subcommittee meeting.
- On February 15, 2012, staff organized and moderated the Council on Supply Chain Management Professionals Truck Hours of Services Rules and Safety Issues Panel event, the largest CSCMP event attended by freight industry and logistics stakeholders.
- Staff continues ongoing monitoring of the Senate and House transportation legislation with regards to freight, performance management, adaptation, and metropolitan planning.
- The February 2012 *Focus on Freight* e-newsletter was prepared and distributed.

#### 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.

Staff participated in MATOC activities in February, including the ad hoc task force on coordination of transportation mobilization for snow events on February 6; the MATOC Steering Committee on February 10; and the MATOC Operations Subcommittee Roadway Session and MATOC Information Systems Subcommittee joint meeting on February 23. Staff undertook extensive preparatory and follow-up activities for these meetings, in coordination with the MATOC staff from the University of Maryland Center for Advanced Transportation Technology.

### 3. **FORCASTING APPLICATIONS**

#### A. Air Quality Conformity

2012 CLRP & FY2013-2018 TIP: Staff presented the final conformity scope of work to the TPB Technical Committee and TPB at their respective monthly meetings. The TPB approved the scope at its February 15<sup>th</sup> meeting.



The listing of highway and transit projects, and the summary of “significant changes” were finalized since the 2011 CLRP. Staff added updates to reflect the most recent approved projects for counties in the Baltimore (BMC) region. The TPB approved the conformity inputs at its February meeting. Subsequently, staff started highway coding to incorporate the 2012 CLRP project additions and updates into the GIS network database. Staff also completed the transit coding reflecting service as of December 2011, which will serve as a base for the transit networks for conformity analysis. In accordance with TPB consultations procedures, staff forwarded to the consultation agencies and public advisory committees the meeting agenda and a summary memorandum regarding the monthly TPB and MWAQC meetings.

2011 CLRP: Staff executed travel demand modeling work for 2010 and began preparing summaries designed to evaluate the 2011 Constrained Long Range Plan. Following the completion of modeling work, staff prepared and reviewed a number of summaries and worked closely with the DTP’s CLRP team during the process. Following previously established procedures, staff prepared an extensive report documenting travel demand modeling results for the modeled area and subsequently shared it with senior management. The report serves as a quick reference document with land use, mode choice, VMT and volume summaries based on the 2011 CLRP.

B. Mobile Emissions Analysis

In February air quality staff worked on the following:

- Review of MOVES run specs, input/output databases for the 2017 and 2025 on road mobile emissions, which were developed by DTP staff for the DC-MD-VA jurisdictions as part of the PM2.5 maintenance plan development.
- Development of 2017 and 2025 emissions inventories by county/vehicle class as required by EPA; and review of these emissions prepared by DTP staff by county and emissions process.
- Coordination with DTP staff on various technical issues related to the mobile budgets for the 2007, 2017, and 2025 years of the maintenance plan for the 1997 PM2.5 standard.
- Coordination state air agencies and DTP staff regarding Mobile6.2 inputs for the purpose of developing mobile emissions for the 2012 CLRP air quality conformity analysis.
- Keeping up-to-date with MARAMA MOVES modeling activities as part of the photochemical modeling exercise for the new ozone and fine particle standards.

DTP staff responded to data requests from DDOT to evaluate emission reductions associated with a series of CMAQ Projects. In addition, TPB staff started documenting the MOVES modeling process that was applied in the MOVES runs as part of the PM2.5 Maintenance plan team effort. Finally, TPB staff developed a series of PowerPoint presentations showcasing the issues at hand, the regulatory environment, the methodology and the emissions inventories derived using MOVES for the milestone years of the Maintenance Plan; the material was presented to the TPB Technical Committee, MWAQC TAC and TPB as part of the interagency deliberations on setting mobile emissions budgets.

### C. Regional Studies

#### Regional Transportation Priorities Plan

Work continued on the development of performance measures for the Regional Transportation Priorities Plan (RTPP). Draft Interim Report 1 presents an initial set of regional goals, performance measures, challenges and strategies and identifies public involvement methods to obtain feedback and comment on the performance measures and strategies through June 2012. TPB staff conducted listening sessions on the Priorities Plan performance measures with two groups of stakeholders on February 22 and 24. A listening session with the Access for All Advisory Committee was held on February 23. A great deal of insightful feedback was received from participants at these sessions. Input from these sessions will be used to refine the performance measures and public information materials in anticipation of a series of focus groups to be held this Spring.

#### Support for COG's Region Forward

Staff attended a meeting of COG's Region Forward Coalition and provided comments on the transportation performance measures that will be utilized for the Region Forward baseline report.

#### Prepare Grant Applications for US DOT Grant Funding Programs

On January 31, USDOT released in the Federal Register the Final Notice of Funding Availability (NOFA) for \$500 million in discretionary surface transportation grant funding for the FY 2012 TIGER program, with pre-applications due on February 20 and final applications due on March 19. At its February 15 meeting, the TPB was briefed on the recommended local projects for the application, which is based upon the TPB's FY 2011 submission to implement multimodal access improvements in rail station areas. The TPB approved the recommended projects and pre-application for submission by February 20 and the final application for submission by March 19.

D. Coordination Cooperative Forecasting & Transportation Planning

Staff received and reviewed updated population and employment forecasts from the George Washington Regional Commission for jurisdictions in the metropolitan Fredericksburg portions of the TPB modeled area. Staff incorporated these updated forecasts into the draft Round 8.1 TAZ-level land activity data files for use in the TPB 2012 Constrained Long Range Plan Update and Air Quality Conformity Determination.

Planning staff for Charles, Calvert, St. Mary's counties in Maryland, for Fauquier and Clarke counties in Virginia, and for Jefferson County in West Virginia reported no updates to their growth forecasts for Round 8.1, but will be looking toward updating their forecasts in Round 8.2.

Staff received and reviewed draft Round 8.1 TAZ-level land activity forecasts received from COG member jurisdictions. Staff ran a number of quality control checks on local jurisdiction submissions and followed-up with local planning staff on technical corrections to the draft Round 8.1 TAZ-level population household and employment forecasts.

Staff prepared TPB Model Area TAZ land activity data files for use in the 2012 Constrained Long Range Plan Update and Air Quality Conformity Determination.

COG's General Counsel continued to review a draft data use agreement sent by the Maryland Department of Labor, Licensing and Regulation (DLLR) to obtain access to ES-202 employment data for the Maryland members of the Cooperative Forecasting Subcommittee.

Staff continued discussions with the Region's Planning Directors on the process and criteria to be used followed in updating Regional Activity Centers for the 2010 to 2040 time horizon.

Staff responded to questions on the adopted Round 8.0A and the draft 8.1 Cooperative Forecasts.

**4. DEVELOPMENT OF NETWORK / MODELS**

A. Network Development

Staff completed the update of the base year (2012) regional transit network in the multi-year geodatabase. The updated base year network now provides a basis upon which forecast year transit networks will be produced over the next several weeks. The forecast year networks (like the updated base year network) will be based on the 3,722 TAZ system and will be compliant with the Version 2.3 travel model. These networks will support the 2012CLRP FY 2013-2018 TIP air quality conformity analysis.

Staff also implemented modifications to the application program used to edit the geodatabase. The modifications will better facilitate the network coding process and are based on suggestions made by TPB staff members using the editing application for production work.

B. GIS Technical Support.

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

Staff continued to work with ESRI to resolve a problem with the ArcGIS server configuration of the ArcGIS FLEX viewer.

Staff continued the processing of land parcel assessment data for Frederick, MD.

Staff participated in the preparations for and the discussions at the February 21<sup>st</sup> GIS Committee on proposed governance of regional Geospatial Data Exchange and the closeout for the initial UASI funding for this project.

Staff attended the February MD MSGIC Executive Committee meeting to increase GIS coordination among COG and state and local government agencies in Maryland.

C. Models Development

TPB staff continued internal sensitivity testing of the Version 2.3 travel model focusing on highway changes in Maryland and transit system changes in Northern Virginia. TPB staff has also been monitoring local project planning work involving applications of the Version 2.3 model for local transportation agencies by consultants.

TPB staff advanced work to validate the Version 2.3 model using 2010 traffic count data. TPB staff extracted year-2010 hourly traffic counts from the Regional Transportation Data Clearinghouse, joined the counts to the highway network, and analyzed the data. Staff also calculated various conversion factors for converting traffic counts from one time period to another.

The consultant-assisted project, "Assistance with the development and application of the TPB travel demand model" was also active during February. TPB staff met with AECOM staff to discuss the status of task orders 2 and 4, and to discuss possible other work tasks for FY 2012. After several internal staff meetings, TPB staff formalized the list of proposed FY 2012 tasks by sending AECOM a written memorandum. It is expected that TPB and AECOM will agree upon the final set of tasks sometime in early March.

TPB staff is reviewing the last six years of consultant recommendations from the scanning project to prepare a report that documents the formal TPB staff response to the consultant recommendations. It is anticipated that the report will be shared with the Travel Forecasting Subcommittee at the next (March) meeting.

A TPB staff member is serving on an oversight panel of an ongoing TRB study to improve transit forecasting (TCRP H-37A). He attended an all-day meeting on February 8 at the Transportation Research Board offices to discuss the interim findings and final work plan of the study. The study is anticipated to be completed by the end of calendar year 2012.

TPB staff responded to six data requests relating to the Version 2.3 Travel Model. The requests were made by AECOM, Fairfax County, DDOT, Citilabs Inc., Montgomery County and Kittelson & Associates, Inc.

D. Software Support

Staff coordinated work efforts with the Information, Technology and Facilities Management (ITFM) team in order to improve the performance of travel demand servers. Additional work has been performed to consolidate and free up additional storage on the servers. Travel demand server drive mapping has been enhanced in order to facilitate data transfer and post-processing of modeling results.

5. TRAVEL MONITORING

A. Regional BRAC and Federal Employment Consultation Impact Analysis

Staff prepared GIS maps for all the study sites and began outreach to officials at Fort Detrick, DHS / St. Elizabeth's, Walter Reed National Military Medical Center, and the Food and Drug Administration to obtain existing data and coordinate new data collection.

B. Congestion Monitoring and Analysis

Staff is reviewing the validity of all the congestion management strategies implemented at the regional and local level by contacting the implementers. Staff is identifying new strategies implemented since 2010 and their impact. Staff is reviewing the performance measures used to measure congestion impacts as well the impact of implemented congestion management strategies. Development of the outline of the proposed arterial highway congestion monitoring program to be piloted in FY 2013 is continuing.

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

Staff continued the initial review of the edited, geocoded household, vehicle, and person and trip survey data from the fall 2011 wave of the Geographically-focused Household Travel Survey delivered by the consultant.

Staff prepared the sampling frame and obtained mailing addresses for the households to be surveyed in the spring 2012 Geographically-focused Household Travel Survey areas.

Staff responded to a data request for the 2007-2008 Household Travel Survey data files

D. Regional Transportation Data Clearinghouse

Staff began working on the production version the new web-based user interface for Transportation Data Clearinghouse databases.

Staff continued the update Regional Transportation Data Clearinghouse highway network databases with 2010 hourly count data received from DDOT, MDOT and VDOT.

6. **TECHNICAL ASSISTANCE**

A. **DISTRICT OF COLUMBIA**

1. Program Development, Data Requests & Miscellaneous Services

No work activity during the reporting period.

2. Traffic Counts

Staff began processing of the CY 2011 traffic counts and gave a status report to the members of the DDTO HPMS Coordinating Committee.

Staff prepared the draft agenda for the January HPMS Coordinating Committee meeting, participated in this meeting and drafted the meeting minutes.

3. Bicycle Counts

No work activity during the reporting period.

4. Curbside Data Collection

No work activity during the reporting period.

5. Multimodal Coordination for Bus Priority Hot Spots

The contractor for the project carried out two weeks of field surveys of hot spot locations identified by data analysis. Their video recordings and notes are being compiled for the Task 3 report, which will be presented to the TPB Regional Bus Subcommittee in March and to the MOITS subcommittee in April.

6. Truck and Bus Restriction Sign Survey – Phase 1

Staff continued the collection and mapping and quality checking of Truck and Bus Restriction sign data.

**B. MARYLAND**

1. Program Development /Management

Staff initiated discussions with MD SHA staff on the workload and scope of work of projects currently scheduled for completion in the current fiscal year.

2. Project Planning Studies

Consistent with a revised scope of work for the ICC project, which was discussed in January 2012 during a program coordination meeting with MD SHA, staff completed the following tasks: (1) development of 2010 highway and transit networks based on the 2011 CLRP; (2) review of traffic counts from the Clearinghouse and MDSHA; (3) set up and analysis of screenline/cutline volumes; and (4) execution of travel demand models multiple times and analysis of the results each time to fit the model. While modeling the 2010 Validation, staff revised the network and mode files for the 2040 No Build scenario.

3. Feasibility/Special Studies

Staff continued work on the Veirs Mill Road and Georgia Avenue multi-modal studies. In the first stage of the study, transit and highway network coding in the study area was reviewed and revised accordingly to appropriate level of detail needed for a subarea study but not essential for regional planning. In response to a data request by the City of Bowie, staff extracted select travel demand data from previously-executed model runs for years 2007 and 2017 and transmitted to the requesting agency.

4. Transportation Performance Measures

In response to a request from MD SHA and consistent with the scope of work, TPB staff prepared and transmitted travel time facility profiles for a before-and-after ICC evaluation. Staff used 2010 INRIX travel-time data in the specified ICC Study Area to create corridor profiles and performance measures for the selected facilities. The performance measures included average speed, travel time and travel time index.

5. Training/Miscellaneous Technical Support

No work activity during the reporting period.

6. Statewide Transportation Model Support

No work activity during the reporting period.

7. Transportation / Land Use Connections Program

As part of the Transportation/Land-Use Connections Program (1.H. above), four technical assistance projects in Maryland are being fully or partially funded under PE number 6240.00.071. See 1.H. above for further details about the TLC Program.

8. Multimodal Coordination for Bus Priority Hot Spots

The contractor for the project carried out two weeks of field surveys of hot spot locations identified by data analysis. Their video recordings and notes are being compiled for the Task 3 report, which will be presented to the TPB Regional Bus Subcommittee in March and to the MOITS subcommittee in April.

9. Other Tasks yet to be Defined

No work activity during the reporting period.

**c. VIRGINIA**

1. Program Development

Staff began working with VDOT to outline the rest of the FY12 technical assistance work scopes, and to prepare the scope and budget for FY 13 technical assistance.



Northern Virginia HOV Facilities Monitoring and Data Collection

No work activity during the reporting period.

3. Travel Demand Modeling

Staff completed travel model analysis of an extension of the Metrorail Orange Line from Vienna to Centreville as part of alternatives testing for the I-66 Multimodal Study (inside the Beltway) and reviewed the results with VDOT, their consultants, and WMATA.

4. Regional Survey – Analysis and Report

No work activity during the reporting period.

5. Travel Demand Management and Non-Motorized Travel

No work activity during the reporting period.

6. Regional and Sub-Regional Studies

Staff attended the I-66 Multimodal Study PARC meeting to finalize the mobility packages for testing.

7. Other Tasks Yet to be Defined

No work activity during the reporting period.

8. Multimodal Coordination for Bus Priority Hot Spots

The report for Task 2 – the identification of hot spot locations – was distributed to jurisdiction staff and teleconference meeting were held to discuss the findings. Comments were incorporated into the plan for Task 3 – site visits- which the contractor will conduct in February.

**D. WMATA**

1. Program Development

The program manager reviewed the status of the projects in the technical assistance program.

2. Miscellaneous Services

No work activity during the reporting period.

3. Multimodal Coordination for Bus Priority Hot Spots

The contractor for the project carried out two weeks of field surveys of hot spot locations identified by data analysis. Their video recordings and notes are being compiled for the Task 3 report, which will be presented to the TPB Regional Bus Subcommittee in March and to the MOITS subcommittee in April.

4. Regional BRAC and Federal Employment Consolidation Impact Analysis

No work activity during the reporting period.

5. Metrorail Station Access Alternatives Study

The contractor received comments on the draft final report from WMATA and is doing a final edit. At WMATA's request, no-cost contract extension was authorized to extend the end date of the contract to the end of April.

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

A. Ground Access Travel Time Study – Phase 2

This task was completed in December.

B. Update Ground Access Forecast – Phase 2

Staff continued assembling data for the Phase 2 update of the ground access forecasts. Staff prepared a draft presentation on recent CASP work program activities for the TPB Technical Committee. Staff also met with FAA to discuss the budget for the upcoming Airport Capital Improvement Plan.

C. Ground Access Element Update – Phase 1

No work activity during the reporting period.

D. Conduct 2011 Regional Air Passenger Survey

This task was completed in December.

E. Process 2011 Air Passenger Survey

Staff began logic checks and other QA/QC procedures on the survey digital data file using SAS code and other methods.

8. **SERVICES/SPECIAL PROJECTS**

**CONSULTANT SUPPORT**

1. AECOM Technical Assistance – Travel Demand Model Development and Application - \$150,000.
2. Shapiro Transportation Consulting, LLC - Travel Demand Model Applications and Related Technical Activity – \$25,000.

**FY 2012 TRANSPORTATION PLANNING BOARD  
FINANCIAL STATUS OF TECHNICAL ASSISTANCE  
FY-TO-DATE FEBRUARY 29, 2012  
SUPPLEMENT 1**

	<b>TOTAL AUTHORIZED BUDGET</b>	<b>TOTAL EXPENDITURES</b>	<b>FTA/STA/LOC AUTHORIZED BUDGET</b>	<b>FTA EXPENDITURES</b>	<b>PL FUNDS/LOC AUTHORIZED BUDGET</b>	<b>FHWA EXPENDITURES</b>
<b>A. District of Columbia</b>						
1. Program Development, Data Requests & Misc. Services	65,593	5,836.89	6,900	614	58,693	5,222.87
2. Traffic Counts	200,000	119,447.00	21,039	12,565	178,961	106,881.76
3. Bicycle Counts	56,000	3,725.93	5,891	392	50,109	3,333.98
4. Curbside Data Collection	20,000	19,994.83	2,104	2,103	17,896	17,891.48
5. Multimodal Coordination For Bus Priority Hot spots	30,000	30,000.00	3,156	3,156	26,844	26,844.15
6. Truck and Bus Restriction Sign Survey-Phase 1	25,000	33,545.30	2,630	3,529	22,370	30,016.50
<b>SUBTOTAL</b>	<b>396,593</b>	<b>212,549.95</b>	<b>41,720</b>	<b>22,359</b>	<b>354,873</b>	<b>190,190.72</b>
<b>B. Maryland</b>						
1. Program Development/Management	30,000	15,620.62	3,156	1,643	26,844	13,977.40
2. Project Planning Studies	200,000	79,142.94	21,039	8,325	178,961	70,817.49
3. Feasibility/Specials Studies	200,000	64,579.38	21,039	6,793	178,961	57,785.94
4. Transportation Performance Measures	211,000	13,675.61	22,196	1,439	188,804	12,237.01
5. Training/Miscellaneous Technical Support	80,000	0.00	8,416	0	71,584	0.00
6. Statewide Transportation Model Support	80,000	28,292.88	8,416	2,976	71,584	25,316.61
7. Transportation/Land Use Connections Program	160,100	22,318.87	16,842	2,348	143,258	19,971.03
8. Multimodal Coordination for Bus Priority Hot Spots	30,000	30,000.00	3,156	3,156	26,844	26,844.15
9. Other Tasks yet to be defined	51,851	0.00	5,454	0	46,397	0.00
<b>SUBTOTAL</b>	<b>1,042,951</b>	<b>253,630.31</b>	<b>109,713</b>	<b>26,681</b>	<b>933,238</b>	<b>226,949.62</b>
<b>C. Virginia</b>						
1. Data/Documentation processing	25,000	15,434.80	2,630	1,624	22,370	13,811.14
2. Northern Virginia HOV Facilities Monitoring and Data Collection	269,489	0.00	28,349	0	241,140	0.00
3. Travel demand Modeling	150,000	73,616.77	15,779	7,744	134,221	65,872.64
4. Regional Survey -Analysis and Report	75,000	23,780.91	7,890	2,502	67,110	21,279.28
5. Travel Demand Management and Non-Motorized Travel	75,000	75,431.56	7,890	7,935	67,110	67,496.53
6. Regional and Sub-regional Studies	128,200	26,934.78	13,486	2,833	114,714	24,101.37
7. Other Tasks to be Defined	25,000	0.00	2,630	0	22,370	0.00
8. Multimodal Coordination for Bus Priority Hot Spots	30,000	12,252.06	3,156	1,289	26,844	10,963.20
<b>SUBTOTAL</b>	<b>777,689</b>	<b>227,450.88</b>	<b>81,809</b>	<b>23,927</b>	<b>695,880</b>	<b>203,524.15</b>
<b>D. WMATA</b>						
1. Program Development	10,783	6,993.30	10,783	6,993	0	0.00
2. Miscellaneous Services	8,500	0.00	8,500	0	0	0.00
3. Multi-Modal Coordination for Bus Priority Hot Spot	126,000	5,337.49	126,000	5,337	0	0.00
4. Regional BRAC/Fed Consolidation Impact Analysis	50,000	0.00	50,000	0	0	0.00
5. Metrorail Station Access Alternatives Study	85,000	84,503.86	85,000	84,504	0	0.00
<b>SUBTOTAL</b>	<b>280,283</b>	<b>96,834.65</b>	<b>280,283</b>	<b>96,835</b>	<b>0.00</b>	<b>0.00</b>
<b>GRAND TOTAL</b>	<b>2,497,518</b>	<b>790,465.79</b>	<b>513,525</b>	<b>169,801</b>	<b>1,983,991</b>	<b>620,664.50</b>

**FY 2012 TRANSPORTATION PLANNING BOARD  
COG/TPB BUDGET EXPENDITURE SUMMARY  
FY-TO-DATE FEBRUARY 29, 2012**

	<b>BUDGET TOTAL</b>	<b>FUNDS EXPENDEI</b>	<b>% FUNDS EXPENDED</b>
<b>1. PLAN SUPPORT</b>			
A. Unified Planning Work Program (UPWP)	70,700.00	53,210.33	75%
B. Transportation Improvement Program (TIP)	240,600.00	185,376.41	77%
C. Constrained Long-Range Plan	588,400.00	250,648.72	43%
D. Financial Plan	64,000.00	40,598.06	63%
E. Public Participation	471,900.00	244,550.66	52%
F. Private Enterprise Participation	18,300.00	5,543.91	30%
G. Annual Report	80,100.00	30,444.80	38%
H. Transportation / Land Use Connection Program	395,000.00	116,858.69	30%
I. DTP Management	452,100.00	300,795.99	67%
<b>SUBTOTAL</b>	<b>2,381,100.00</b>	<b>1,228,027.57</b>	<b>52%</b>
<b>2. COORDINATION PLANNING</b>			
A. Congestion Management Process (CMP)	205,000.00	102,856.33	50%
B. Management, Operations & ITS Planning	340,300.00	144,914.55	43%
C. Emergency Preparedness Planning	75,400.00	23,181.06	31%
D. Transportation Safety Planning	125,000.00	82,948.79	66%
E. Bicycle and Pedestrian Program	108,700.00	83,386.16	77%
F. Regional Bus Planning	100,000.00	68,965.42	69%
G. Human Service Transportation Coordination Planning	134,828.00	84,166.92	62%
H. Freight Planning	150,000.00	93,832.49	63%
I. MATOC Program Planning & Support	120,000.00	79,320.58	66%
<b>SUBTOTAL</b>	<b>1,359,228.00</b>	<b>763,572.31</b>	<b>56%</b>
<b>3. FORECASTING APPLICATIONS</b>			
A. Air Quality Conformity	563,200.00	402,095.83	71%
B. Mobile Emissions Analysis	640,100.00	464,226.73	73%
C. Regional Studies	466,300.00	386,306.89	83%
D. Coord. Cooperative Forecasting & Trans Planning	806,800.00	463,917.41	58%
<b>SUBTOTAL</b>	<b>2,476,400.00</b>	<b>1,716,546.86</b>	<b>69%</b>
<b>4. DEVELOPMENT OF NETWORKS AND MODELS</b>			
A. Networks Development	769,700.00	412,264.91	54%
B. GIS Technical Support	548,800.00	301,869.45	55%
C. Models Development	1,076,176.00	601,170.97	56%
D. Software Support	178,900.00	116,069.46	65%
<b>SUBTOTAL</b>	<b>2,573,576.00</b>	<b>1,431,374.78</b>	<b>56%</b>
<b>5. TRAVEL MONITORING</b>			
A. Regional BRAC/Fed Consolidation Impact Analysis	250,800.00	61,831.36	25%
B. Congestion Monitoring and Analysis	350,000.00	215,830.09	62%
C. Travel Survey and Analysis			
Household Travel Survey	1,136,300.00	572,970.52	50%
D. Regional Transportation Clearinghouse	317,900.00	214,894.74	68%
<b>SUBTOTAL</b>	<b>2,055,000.00</b>	<b>1,065,526.71</b>	<b>52%</b>
<b>SUBTOTAL CORE PROGRAM ITEMS 1-5</b>	<b>10,845,304.00</b>	<b>6,205,048.23</b>	<b>57%</b>
<b>6. TECHNICAL ASSISTANCE</b>			
A. District of Columbia	396,593.00	212,549.95	54%
B. Maryland	1,042,951.00	253,630.31	24%
C. Virginia	777,689.00	227,450.88	29%
D. WMATA	280,283.00	96,834.65	35%
<b>SUBTOTAL</b>	<b>2,497,516.00</b>	<b>790,465.81</b>	
<b>TPB GRAND TOTAL</b>	<b>13,342,820.00</b>	<b>6,995,514.02</b>	<b>52%</b>