



NATIONAL CAPITAL REGION

TRANSPORTATION PLANNING BOARD

MANAGEMENT, OPERATIONS, AND INTELLIGENT TRANSPORTATION SYSTEMS (MOITS) TECHNICAL SUBCOMMITTEE MEETING

DATE: Tuesday, January 6, 2015 – **Please Note Change of Date due to Transportation Research Board Annual Meeting**

TIME: 12:30 PM – 2:00 PM

PLACE: COG, First Floor, Meeting Room 1

CHAIR: Jean Yves Point-du-Jour, Maryland State Highway Administration

Attendance:

Melissa Chow – WMATA
Armand Ciccarelli – Appian Strategic Advisors (on the phone)
Ed Daniel – Montgomery County PD
Warren Henry – Jacobs Engineering/MDSHA (on the phone)
Mena Lockwood – VDOT (on the phone)
Curt McCullough – City of Fairfax (on the phone)
Andrew Meese – COG/TPB
Erin Morrow – COG/TPB
Jean Yves Point-du-Jour – MDSHA
Wenjing Pu – COG/TPB
Tom Scherer – Arlington County DES (on the phone)
Jon Schermann – COG/TPB
Daivamani Sivasailam – COG/TPB
John Thomas – Montgomery County DOT (on the phone)
Marco Trigueros - COG/TPB

1. 12:30 PM **Welcome and Review of Notes**

Participants introduced themselves, and the December 9, 2014 meeting notes were reviewed. Any comments can be addressed to Mr. Meese.

Ms. Chow noted that in item 3, it should say Medical Center Station instead of Bethesda.

2. 12:35 PM **Summary of Regional Greenhouse Gas Discussions**
Erin Morrow, COG/TPB Staff

Ms. Morrow gave an overview on the Greenhouse Gas Multi Sector Working Group that was created to: identify strategies to reduce greenhouse gas emissions; evaluate these strategies;

estimate implementation timeframes; and explore establishing targets across all sectors. This is of interest to MOITS given that operational improvements are shown to reduce greenhouse gas emissions. The group encompasses staff from transportation, environment, and land use sectors. The group will complete a “What Can We Do” report to outline the strategies evaluated. Invitations are going out with the first meeting scheduled for January 30, 2015.

The group discussed whether strategies already underway would be taken into account. Ms. Morrow noted that this discussion will have to take place once the Working Group has been assembled. The strategies studied will most likely not be constrained by expected budgets. There will be some uncertainty in the evaluation given the increasing presence of connected and automated vehicles as well as other technological advances. In response to a question regarding the role of freight, Mr. Sivasailam noted that the only relevant measure used was the fuel efficiency of heavy trucks. There may be some opportunity to evaluate programs to convert to the regional truck fleet to alternative fuels.

3. 12:50 PM **Update on the I-95 Corridor Coalition Vehicle Probe Project Suite**
Andrew Meese and Wenjing Pu, COG/TPB Staff

At the December 9 meeting, MOITS was briefed on the I-95 Corridor Coalition's announced new funding mechanism proposals for their Vehicle Probe Project (VPP) Suite. The VPP suite includes probe data (provided by multiple private vendors including INRIX) as well as associated data analysis and visualization tools, used by COG/TPB, state departments of transportation, and many other agencies, for planning analyses. DDOT has noted that they are currently evaluating their options and have not made a decision yet. MDSHA has committed to provide funding under the parent model. Ms. Lockwood noted that they have provided a report to executive management and are awaiting response. Mr. Pu noted that the VPP Suite data agreement was revised to include TomTom and had to be signed again.

4. 1:05 PM **Update on Regional Emergency Support Function 1 – Emergency Transportation Committee (RESF-1) and Urban Area Security Initiative (UASI) Activities**
Elliot Harkavy, COG Public Safety Staff, and Daivamani Sivasailam, COG/TPB Staff

Mr. Sivasailam gave an update on the status of the UASI funded projects. RESF-1 reviewed the traffic signal backup and evacuation trailers projects. The Project Management Office has established guidelines for the next wave of UASI grant applications. They are conducting webinars to walk through these new requirements. RESF-1 has been asked to identify priority areas for future funding, and 2 have been established – continuing investment in traffic signal backups and continued maintenance of RITIS. John Contestable made an announcement for the committee he chairs at TRB on emergency preparedness and noted that TRB will be taking the exceptional action of creating a new section, Transportation Systems Resilience.

5. 1:15 PM **Update on Traffic Signals-Related Activities**
Marco Trigueros, COG/TPB Staff

Ongoing discussions in the traffic signals subcommittee continue on the topic of traffic signals backups and the search for a new chair.

6. 1:25 PM **2014 Freeway Congestion Monitoring Using Aerial Surveying Draft Report and Additional Information**
Daivamani Sivasailam, COG/TPB Staff

At the December 9 meeting, MOITS was briefed on the draft of the 2014 aerial surveying report, as well as on the status of the pilot project one-second time-lapse aerial photography (TLAP) component of this year's effort. Mr. Sivasailam gave an update on the study. Comments are still being received. The draft report uses density measurements along freeways to assess performance. A standalone section will be completed for the TLAP component of the study, though the specific measures will be presented. A third section is planned to combine the data from the other two sections as well as outside data to provide greater context and expand on the results. There is still some discussion needed to determine what exactly this third section would look like; it could include traffic volumes, employment levels, or any other data that may be relevant.

7. 1:45 PM **First Draft Outline of MOITS-Related Aspects of the FY2016 Unified Planning Work Program (UPWP)**
Andrew Meese, COG/TPB Staff

Work accomplished under the TPB's metropolitan transportation planning process is supported by federal, state, and matching funding described in the annual UPWP. TPB staff is now in the process of developing the draft FY2016 UPWP which will cover the period July 1, 2015 through June 30, 2016. TPB approval of the FY2016 UPWP is due in March 2015. Mr. Meese briefed the committee on the first draft outline for MOITS-related activities within the FY2016 UPWP. One major change is the need to provide information to support performance-based planning. Other new items include the emerging topic of resiliency, examining emerging congestion monitoring data sources, and coordination with the new Project Management Office.

8. 1:55 PM **Other Business**
9. 2:00 PM **Adjourn**