



NATIONAL CAPITAL REGION

TRANSPORTATION PLANNING BOARD

MEETING NOTES

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

DATE: Tuesday, March 10, 2015

TIME: 12:30 PM

PLACE: COG, First Floor, Meeting Room 1

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

DOCUMENTS POSTED:

www.mwcog.org/transportation/committee/committee/documents.asp?COMMITTEE_ID=46

Attendance:

Billie Barnett – SkyComp
Gustavo Ceballos – CH2M (on the phone)
Melissa Chow – WMATA
Jasper Craig – SkyComp
Greg Jordan – SkyComp (on the phone)
Curt McCullough – City of Fairfax (on the phone)
Andrew Meese – COG/TPB
Erin Morrow – COG/TPB
Jean Yves Point-du-Jour – MD SHA
Rob Prunty – CH2M (on the phone)
Wenjing Pu – COG/TPB
Tom Scherer – Arlington County (on the phone)
John Thomas – Montgomery County (on the phone)
Marco Trigueros – COG/TPB

1. Welcome

Participants introduced themselves. Notes from the February 10, 2015 conference call were reviewed. Any comments can be addressed to Mr. Meese. Notes from the January 6, 2015 meeting will be reviewed at a later date.

2. Update on the 2014 Freeway Congestion Monitoring Using Aerial Surveying – Draft Report

Daivamani Sivasailam and Andrew Meese, COG/TPB Staff

Mr. Sivasailam briefed the group on the status of the current draft aerial photography report. The aerial photos are available as a Google Earth layer that displays their location over the Google Earth map. The photos are currently being reviewed and will be shared with the group once approval is complete. These will be shared with the public, but the technical considerations involved with the sharing must be addressed first.

Mr. Sivasailam presented on the 1-second time lapse photography pilot program. For this program, eight study areas were chosen, and a helicopter hovered over the area, taking photos every second for 15 minutes to illustrate traffic operations in the area. The program has several applications, but the goal of the pilot was to evaluate the usefulness of the methodology. The actual data collected is in draft status, is of a sample nature, and has not been studied in conjunction with previous relevant studies or planning documents.

There will be a three part report to document the study: the first documenting peak period system performance, the second describing the TLAP pilot, the third a staff-conducted analysis using all sources.

In response to a question regarding conducting TLAP studies at additional locations, Mr. Sivasailam noted that if any state or local agencies have a study in mind, it can be conducted using transportation assistance funds.

3. Update on the Greenhouse Gas COG Multi-Sector Working Group (MSWG)

Daivamani Sivasailam and Erin Morrow, COG/TPB Staff

Daivamani Sivasailam and Erin Morrow provided a summary of the inaugural meeting of the Transportation Sector Subgroup of the MSWG on February 27, 2015. The goals include tripling the production of renewable energy by 2020, increasing the number of electric vehicles to 15% of the fleet by 2030, increasing the amount of housing in activity centers to 75% of the region's total. A draft list of potential management and operation strategies for greenhouse gas reduction developed by the subgroup and staff was presented for comment. The group was asked to submit comments or additional strategies by next week so that they can be incorporated in the mailout for the next meeting of the Transportation Sector Subgroup of the MSWG on March 27th. Comments can be addressed to Mr. Sivasailam or Ms. Morrow. At this meeting, the strategies will be presented to the Working Group to be finalized. The list will

then be submitted to the consultant who will evaluate the strategies, and at the May meeting of the Working Group, the list will be prioritized.

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

RESF-1 is busy coming up with project for UASI funding. There are three RITIS projects and one dealing with radio interoperability across the three states' TMCs.

5. **Update on Regional Performance-Based Planning Activities under MAP-21 Requirements**
Andrew Meese and Marco Trigueros, COG/TPB Staff

Mr. Meese updated the group on the federal Moving Ahead for Progress in the 21st Century (MAP-21) legislation and its ensuing federal regulations promote a performance-based approach to metropolitan transportation planning, focusing on a number of areas including (but not limited to) safety, freight, and system performance. The topic of most interest to MOITS is system performance; the draft rule is now slated for release in April 2015. MPO staff have begun to discuss how the performance measurement process will be handled and how coordination with states will be handled. Any input from partners is appreciated.

6. **Update on Congestion Management Process (CMP) Activities**
Wenjing Pu, COG/TPB Staff

Mr. Pu briefed the group on the most recent National Capital Region Congestion Report (4th Quarter 2014). Overall, it was found that travel was less reliable in 2014 Q4 than in 2013 for both freeways and arterials. A study found that traffic on the Tuesday preceding Thanksgiving was a busier travel day than that Wednesday. The Vehicle Probe Data Users Group met on February 12th. This was the second meeting of the group and presenters included Stan Young from UMD who talked about arterial data quality; Subrat Mahapatra of SHA and Matthew Wolniak of JMT who discussed SHA's mobility dashboard application of VPP data; and Mena Lockwood who discussed VDOT's current projects.

7. **Other Business**
8. **Adjourn**

Next Scheduled Meeting:
Tuesday, April 14, 2015, 12:30 PM to 2:30 PM, COG Meeting Room 1