

National Capital Region Transportation Planning Board

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Memorandum

Date: February 22, 2010

To: Travel Management Subcommittee

From: Anant Choudhary
Transportation Engineer

Subject: Highlights of the November, 24, 2009 Travel Management Subcommittee Conference Call Meeting

The following members and staff participated:

Jim Ponticello, VDOT
Howard Simons (MDOT)
Lyn Erickson (MDOT)
Bob Owolabi, Fairfax County
Mike Clifford, DTP staff
Daivamani Sivasailam, DTP staff
Eulalie Gower-Lucas, DTP staff
Jane Posey, DTP staff
Anant Choudhary, DTP staff
Yu Gao, DTP staff
Wenjing Pu, DTP staff
Monica Bansal, DTP staff
Sunil Kumar, DEP staff

The meeting was called to order by the acting chair Howard Simons and after introductions, highlights of the July 21, 2009 TMS minutes were approved.

Under agenda item # 2, Jane Posey briefed the subcommittee on the Call for Projects document for the 2010 CLRP and FY 2011-2016 TIP. She noted that the document had been approved by the TPB at their November 18th meeting. Ms. Posey informed the members about the revised 2010 CLRP schedule for the air quality conformity assessment. She noted that the revised schedule includes TPB approval of project inputs in March and final approval of the conformity analysis and adoption of the 2010 CLRP and FY2011-2016 TIP by the TPB in October 2010. The analysis years include: 2011, 2020, 2030, and 2040.

Daivamani Sivasailam briefed the subcommittee on the TERM section of the draft 2009 CLRP 'Call for Projects' document. He noted that appendix A of this document provides guidelines for the TERM analysis and includes emissions factors for the Ozone and PM2.5 pollutants. He further noted that appendix B of this document includes TERM reporting instructions. He told the members that the staff will need status report on the

committed TERM. He further added that most of the projects are completed, however, the agencies should send status report for those projects which are still incomplete or ongoing.

Under agenda item # 3a Eulalie Lucas briefed the members on the development of the baseline mobile source GHG emission inventories. She spoke on the following points that were listed in her memo: Mobile source emission results for CO₂, inputs, assumptions and technical methods used in the preparation of that inventory. She noted that the results updated the original inventories described in the March 6, 2009 memo and that the revised inventories were developed using the 2008 registration data and latest planning assumptions. She noted that CO₂ emission factors were developed using the Mobile6.2 model and that CO₂ rates did not include reductions from the new CAFÉ standards but they included the Maryland clean car regulations. Citing exhibit 3 & 4 she explained impact of the CAFÉ standards on emissions. In the end she explained the analysis steps to meet the COG emissions goal.

Under agenda item # 3b Erin Morrow briefed the members on the status of analysis of transportation related GHG reduction measures. In her presentation she informed the member that the staff is working on finalizing the report on analysis of GHG emissions reduction measures. She noted that the report will include measures in three categories: 1- fuel efficiency, 2- alternative fuel and alternative vehicle technologies, and 3- travel efficiency. She noted that the report will also include TERMS from TERM Tracking Sheet, previously analyzed Potential TERMS, recommended measures from the COG Climate Change Report, and new and recent initiatives. Citing chart 1 she explained the baseline CO₂ emissions, COG goal and required reduction for year 2010, 2020 and 2030. Referring to charts 2 and 3 of her handout she explained the potential emissions reductions from CAFE 35.5 mpg by 2016 and extending CAFE beyond 2020 for LDV and HDV. From the Table 2 of her memo she also appraised the members on the measures falling under various categories and analyzed to date.

Under agenda item # 3c Monica Bansal provided an overview of the framework for the CLRP Aspirations Scenario study. Ms. Bansal presented the TPB CLRP Aspirations Scenario Study, which is one of two scenarios in the TPB scenario study. She provided an overview of the development of the scenario, which includes a land use and transportation component. She discussed the scenario's baseline assumptions of the 2008 CLRP and the Round 7.2 COG Cooperative Forecast and the goals of the scenario, which arise out of the previous RMAS and Value Pricing Study. She presented the details of the land use component, which included density and mixed use development goals for activity centers and transit station areas. She also presented the details of the transportation network, including CLRP projects, RMAS projects, the TPB-studied value priced network, and a new BRT service running on the priced network. She concluded by explaining the extensive local outreach that was conducted as part of the scenario development, including individual meetings with eleven jurisdictions and agencies.

Under agenda item # 3d Daivamani Sivasailam updated members on TPB's input to the Climate, Energy and Environment Policy Committee's (CEEPC's) draft work plan. Sivasailam cited the memo from Ron Kirby to the November 6 TPB Technical committee providing comment to the CEEPC work plan explaining transportation related activities and target date for completion.

Under the item 4, Wenjing Pu reported the current status of the Congestion

Management Process (CMP) and the 2010 CMP Technical Report. He presented some sample results of data analysis on INRIX, Inc. (via the I-95 Corridor Coalition) 5-minute aggregated speed and travel time data, including travel time index, buffer time index and planning time index. These indices for each small road segments were visualized on colored maps and a overall index for all the monitored roads was summarized by month, by time of day and by day of week. Mr. Kirby noted that the INRIX data did not cover all the major highways in our region. This was due to the coverage limitation of the I-95 Corridor Coalition traffic monitoring program. He also raised a question about the quality of the data and was told that the quality of the data was validated by University of Maryland and there were also other ongoing validation efforts. All of the validation studies confirmed freeway data had a high quality of reliability while improvements were still needed for arterials.

At end of his presentation he distributed a memorandum requesting update from the committee members regarding ongoing local jurisdictional travel demand management strategies for the 2010 CMP Technical Report. Members were encouraged to send Mr. Pu any updated information by January 15, 2010.

Under agenda item # 5, Eulalie Lucas updated the subcommittee on ongoing work activities related to the MOVES model. She informed the members that the EPA is still working on the technical and policy guidance and which is expected to released in December 2009.

The meeting adjourned at 11:30 AM.