

National Capital Region Transportation Planning Board

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To: MOVES Task Force

From: Daivamani Sivasailam
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Subject: Update on Emissions Inventory vs. Emissions Rate Approach

Background

At the September MOVES Task Force meeting, staff introduced this item and discussed the pros and cons of each approach. Members raised a number of issues associated with proceeding on the emissions rate approach such as interpolating the rates in 1 mph increments, delay in proceeding with the implementation of the MOVES model, the model run time needed to develop emissions rates, and the time associated with developing a new post-processor or adopting an off-the shelf post-processor. COG staff had discussion with EPA staff at an emissions inventory workshop on the two approaches and COG staff was informed that EPA is considering issuing guidance on the use of an emissions rate approach.

Recommendation

After consideration of all the issues associated with the emissions rate approach, staff is recommending that we proceed on using the MOVES model to develop emissions inventory and postpone the emissions rate approach until EPA issues clear guidance on the subject.