



**NEW YORK STATE ASSOCIATION OF MPOs
MODELING WORKING GROUP
August 28, 2020**

**Conference Call
9:30 AM – 10:30 AM**

MEETING NOTES

Participating

- AVAIL, Eric Krans
- AVAIL, Alex Muro
- AVAIL, Catherine Lawson
- BMTS, Ashley Seyfreid
- CDTC, Chris Bauer
- CDTC, Andrew Tracy
- CS, Rich Denbow
- DCTC, Emily Dozier
- FHWA, Maria Chau
- FHWA, Sarah Sun
- ITCTC, Jay Lambrix
- NYMTC, Munnesh Patel
- NYMTC, Jianghao Zhu
- NYSDOT, Richard Batchelder
- NYSDOT, Jim Davis
- NYSDOT, Nathan Harp
- NYSDOT, Patrick Lentlie
- NYSDOT, Alan Warde
- OCTC, Lauren Burns
- SMTC, Jason Deshaies

1. Introductions

Alex Muro (AVAIL) opened the meeting and welcomed participants.

2. NPMRDS Tool Updates

The AVAIL team reported on the following updates to the NPMRDS tool:

- The reporting tool now has the ability to show continuous count data. AVAIL is just getting started and will continue working on this.
- Routes and stations can be viewed. Stations are similar to routes but have less data. AVAIL showed a graph of station data. The tool can show one station at a time. It will eventually allow comparison of stations and show stations in the map function.
- Question – is this real time data? AVAIL replied that the count stations have full data through 2019. They are getting monthly updates for about six stations in 2020 as part of the State’s COVID response effort. AVAIL will talk to NYSDOT about getting data on a more regular basis.

CO2 emissions the tool:

- AVAIL added a beta of a CO2 emissions calculation tool. This will estimate the difference in emissions from changes in speed, breakdown of emissions by vehicle type, and information that will be useful for before and after project analysis. NYSDOT likes this functionality. Eventually, the tool will allow data to be rolled up into a region-wide report of real-time emissions.

- AVAIL showed CO2 emissions in macro view using historic data. This will show where emissions increase and decrease and a breakout by peak and vehicle type, and will be able to be downloaded as a shape file.
- Jason asked if Highway Data Services counts for local roads can be incorporated to get a generic calculation. This can be done, as well as using model speed data for local roads.
- In response to a question, AVAIL noted that segment to segment comparisons of CO2 emissions are difficult because segment lengths differs. The length of a segment contributes to the quantity of emissions on that segment. We would need to converted to a per unit measure for comparison purposes.

User Documentation:

- Avail discussed and showed the user documentation completed to date. They continue to work on this and fill in blanks. By next month they will complete additional documentation and will have a guide for remaining content. AVAIL asked the WG to go through documentation and provide feedback on content and identify any missing pieces. Catherine noted that they can add functionality to allow users to post questions and/or share information.

3. Other Items

Rich Denbow updated the WG on the recent modeling survey. Out of the 14 MPOs, 12 provided responses. Rich will compile the results and share with Lauren and Jason and will give an update to the WG at the September meeting.

Mark Grainer discussed a TRANSEARCH training session coming up that the Freight WG is also participating in. He will share information with the Modeling WG, and invite the Modeling WG if space allows.

4. Next Meeting

The next MWG meeting will take place on September 25, 2020.