



**NEW YORK STATE ASSOCIATION OF MPOs
MODELING WORKING GROUP
June 4, 2021**

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

MEETING NOTES

Participating

- SMTC, Jason Deshaies (Chair)
- CDTC, Chris Bauer (Co-chair)
- AVAIL, Erika Corsi
- AVAIL, Eric Krans
- AVAIL, Catherine Lawson
- AVAIL, Alex Muro
- AVAIL, Adam Tobey
- BMTS, Leigh McCullen
- BMTS, Ashley Seyfreid
- CDTC, Andrew Tracy
- CS, Rich Denbow
- ECTC, Courtney Taylor
- FHWA, Sarah Sun
- ITCTC, Jay Lambrix
- NYMTC, Michael Chiume
- NYSDOT, Mark Grainer
- OCTC, Lauren Burns
- UCTC, David Staas

1. Update on NPMRDS Software Development

AVAIL discussed recent updates to the NPMRDS tool.

- The team reviewed measure overviews and compared data from RIS and Replica. The comparison shows that Replica underestimates activity on the Interstate system and overstates other roads. Overall, the VMT is similar, but routing is different.
 - This helps to understand at a high level in the macro view how data comes together and also shows the value of comparing measures among datasets.
 - Question – when an MPO calibrates its model it assumes the RIS data is correct. Is that the basis for this comparison? Alex replied that it is.
 - Jason – is RIS one day of activity? Alex – yes. The idea is that this is an average day for the year. This helps to simplify outputs. At the same time, it does make it difficult to compare with RIS and other datasets.

- Updates to Map Tool: The team updated the hover function and added the percentage of epochs reporting. If anyone has ideas for information to display in hover please let AVAIL know.
- Data downloader improvements: a user can now add performance measures, percentage of epochs reporting, and other information to downloads. The team improved how this works with conflation and made improvements to the interface.
- The documentation now includes information on the measures and variables.
- They are bringing the mapping tools together into one place and bringing transit AADT into all networks.
- Conflation: the team has provided source documentation and information about the conflation approach. They currently have 2019 conflation and are working on publishing other years (2016-2018 and 2020). Additionally, you can download the raw conflation shape files.
- In the near term the team will add the ability to get a preview of the TMC page when you click on a segment. They will also add bottlenecks to map view; currently these are presented in a list. They are moving toward grouping segments along a corridor and adding weighting based on VMT to get a sense of impact of the bottlenecks.

2. Update on FHWA Training

Jason reminded the WG of the upcoming FHWA Transportation Analysis and Forecasting virtual training seminar that will take place on June 7, 15, and 29.

3. Next Meeting

The next MWG meeting will take place on June 25, 2021.