



**NEW YORK STATE ASSOCIATION OF MPOs
MODELING WORKING GROUP
January 25, 2019**

**Conference Call
9:30 AM – 11:00 AM**

MEETING NOTES

Participating

- Chris O’Neill, CDTC (Chair)
- Chris Bauer, CDTC
- Michael Chiume, NYMTC
- Shannon Clarke, AVAIL
- Mark Debald, DCTC
- Rich Denbow, CS
- Jason Deshaies, SMTC
- Emily Dozier, DCTC
- Mark Grainer, NYSDOT
- Catherine Lawson, AVAIL
- Jin-Wook Lee, AVAIL
- Alex Muro, AVAIL
- Munnesh Patel, NYMTC
- David Staas, UCTC
- John Sterbentz, BMTS
- Courtney Taylor, ECTC
- Paul Tomchik, AVAIL
- Yun Hai Zhang, NYMTC

1. Introductions

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

2. NPMRDS Tools – On Dev

The AVAIL team provided an update on their recent tool development activities.

- The tool can now show freeflow speed versus average speed and current speed for a selected time period. You can select a day plus epochs within that day.
- You can also select the threshold for which delay will be shown. For example, you can show speeds that are 40% below freeflow speeds.
- The tool can also show incidents by TMC for a given year and provide a break down by incident type. The team will add functionality to filter down from a one-year period to a specified date or date range, and functionality to select a TMC to get a list of incidents that occurred in that TMC.
- The tool has a visualizer that will load data and measure calculations for individual TMCs. This can show, for example, if data outliers do or do not affect the performance

results for a particular measure in that TMC. While the federal PM3 performance rule does not allow outliers to be excluded when calculating and reporting performance, it is useful to know if the outliers affect performance results.

3. Tool Changes Coming Soon

The team discussed the tool updates they will work on in the near term:

- NPMRDS data is now available through the end of December 2018, so performance for the federal PM3 reliability and PHED measures can now be calculated for calendar year 2018. The team showed data comparing preliminary 2018 reliability with 2017 reported baseline performance. The 2018 results are to be considered preliminary for now. The team will work with NYSDOT to review and compare the results with 2017 baseline calculations to understand differences before confirming the data. Some underlying data changes occurred in 2018 that may impact performance results. For example, the number of TMCs in 2018 changed from 2017.
- New tools under development will be integrated into production.
- The team will integrate new road network and counts. Integration should be finished by the next meeting.

Emily Dozier said she recently tried unsuccessfully to download a shape file and asked if the tool still provides the capability to do so. The team will add that capability back into the tool, and also provide capability to download a shape file for additional views.

Emily also said they are looking at freight routes in her MPO region and asked if the tool will incorporate the critical freight routes designated in the State's freight plan. The team agreed that this functionality is useful and will look at the best way to do this. They may also add a column in the shape file to indicate if the TMC is on a designated freight route.

Emily noted that some bins have no data reported and asked if the value is zero or if there is a problem with reporting, and if the tool imputes delay in those cases. The team replied that the tool does not impute data when calculating measures. If a segment is not reporting it is generally safe to assume that there is no delay to report. If anyone has a question about a particular TMC they can look at the TMC data to investigate.

4. Modeling Working Group Work Plan Update

Chris O'Neill discussed updates to the MWG Work Plan for the next fiscal year, which begins on April 1, 2019. Prior to this meeting, he updated the MWG Work Plan with comments received during the last WG meeting and circulated a draft for review. He summarized those revisions and additional comments received via email. He asked WG members to contact him soon if they have any additional comments. The NYSAMPO directors will finalize the work plans in mid-March.

5. Wrap-up and Next Meeting

The next WG meeting will take place on February 22, 2019.