NEW YORK STATE ASSOCIATION OF MPOs
MODELING WORKING GROUP
February 22, 2019

Conference Call
9:30 AM – 10:30 AM

MEETING NOTES

Participating
- Chris O'Neill, CDTC (Chair)
- Chris Bauer, CDTC
- Richard Batchelder, NYSDOT
- Lauren Burns, OCTC
- Michael Chiume, NYMTC
- Shannon Clarke, AVAIL
- Mark Debald, DCTC
- Rich Denbow, CS
- Jason Deshaies, SMTC
- Emily Dozier, DCTC
- Mark Grainer, NYSDOT
- Nathan Harp, NYSDOT
- Eric Krans, AVAIL
- Catherine Lawson, AVAIL
- Alex Muro, AVAIL
- David Staas, UCTC
- John Sterbentz, BMTS
- Courtney Taylor, ECTC
- Dylan Tuttle, DCTC
- Alan Warde, NYSDOT
- 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 tool development activities.

   - The team showed several updates on the Dev site. They will move these into production in the near future.
   - Updates to Network Analysis tools allow you to look at several TMCs in a view. You can load all data for a single day and view day by day.
   - For an epoch, you can compare current speed with freeflow speed and historic average speed. The visualization is in MPH, with low speed routes displayed in red (for example).

- Historical average speeds by time of day are also available. This allows you to visualize a full day of activity, which is useful for looking at incidents post-mortem.
- The team showed updates for Macro Tools. A new feature allows you to filter by network, such as Interstates, full NHS, etc. The team will add the ability to filter by designated freight networks and to download a .csv and shape file.
- The team described the process for submitting HPMS data and the reason for the lag between reporting data to HPMS and FHWA releasing data. We don't yet have a dataset where HPMS and NPMRDS data overlap, but we will in the near future.

3. **Congestion Management Plans**

- As mentioned previously, state freight routes will be added to the tool. The team is also adding additional performance measures that take data quality into consideration.
- CDTC and SMTC will each start a new CMP in the near future and will work with the team to use the tool during CMP development.
- The team will present at the March and/or April meetings on the best measures to use for CMP development and methods to apply the tool for congestion analysis.

4. **Census PSAP Process and TAZs**

Chris Bauer discussed the issue of matching TAZ and Census geographies. As discussed in a previous MWG meeting, the 2020 Census will not support TAZs. Chris said CDTC studied this issue and determined it isn't feasible for them to match their TAZ boundaries to Census geographies. In the longer term, they'll build TAZs from the block group level. Mark Debald said DCTC has a mix of TAZs where some align with block groups while other do not. Those that align are generally in the less densely populated areas of the MPO region.

Cornell University is interested in working with the NY MPOs on ways to address this issue. Mark Grainer will reach out to Cornell on behalf of the MWG.

5. **In-Person Training**

The MWG is interested in having an in-person training session on the tool this year. There is also interest in meeting in-person at the NYSAMPO conference in Syracuse in July. Chris O'Neill said the NYSAMPO directors will determine which Working Groups will meet at the conference. They may determine that a MWG meeting at the conference is not feasible. The MWG would still like to have the in-person training session elsewhere, and we should begin to plan for it.

The AVAIL team will begin making arrangements for the training, with a targeted time frame of this summer when U. at Albany facilities will be more available. A potential format is to have hands-on training during the morning, with discussion in the afternoon that would focus on other modeling topics and how MPOs are developing LRTPs to incorporate the performance management requirements.

6. **Wrap-up and Next Meeting**

The next MWG meeting will take place on March 29, 2019.