



NEW YORK STATE ASSOCIATION OF MPOs MODELING WORKING GROUP

**April 27, 2018
Conference Call
9:30 AM – 10:30 AM**

MEETING NOTES

Participating

- Chris O'Neill, CDTC
- Ananya Baruah, CS
- Chris Bauer, CDTC
- Lauren Burns, OCTC
- Jim Davis, NYSDOT
- Mark Debal, PDCTC
- Rich Denbow, CS
- Jason Deshaies, SMTC
- Emily Dozier, DCTC
- Mark Grainer, NYSDOT
- Nathan Harp, NYSDOT
- Erik Krans, AVAIL
- Catherine Lawson, AVAIL
- Jin-Wook Lee, AVAIL
- Alex Muro, AVAIL
- David Staas, UCTC
- John Sterbentz, BMTS
- Dylan Tuttle, PDCTC
- Alan Warde, NYSDOT

1. Introductions

Eric Krans (AVAIL) opened the meeting and welcomed participants. Working Group members introduced themselves.

2. Tool Updates

The AVAIL team discussed the latest updates to the NPMRDS Congestion and Reliability Performance Analytics tool. Macro tools should be up on the production website within the week. You will be able to view a map of a region with a visualization of the Federal PM3 performance measures for that area: Level of Travel Time Reliability (LOTTR), Truck Travel Time Reliability (TTTR), and Peak Hour Excessive Delay (PHED), as well as other measures such as planning time index and travel time index.

The team added traffic signals to the maps. The tool will show the free flow speeds used to calculate planning travel time and travel time. AADT is displayed for trucks.

Shape file download is now available. The file isn't an actual shape file, but is laid out the same as a shape file. If users encounter an instance where the file doesn't work the AVAIL team can create a tailored file. Users can also download as an Excel file and process performance measures straight from a .CSV file.

Information can be viewed for the entire country. As you zoom in, you can get a top ten list for measures in the viewing area. You can also rank segments by LOTTR.

The team is working on a non-peak hour delay calculation that will allow users to look at delay for weekends or other time periods that are different than the Federally-defined PM3 time periods.

The WG discussed the PHED measure in the NY-NJ-CT urbanized area. The MPOs and state DOTs in this area have to agree on a single target for the urbanized area. This involves NYMTC, NJTPA, NYSDOT, and NJDOT. They have tentatively chosen a target of 20.0 hours of PHED per capita. The WG discussed how vehicle occupancy effects the PHED calculation. There is ambiguity in how vehicle occupancy is determined, and FHWA recently released updated vehicle occupancy factors after the initial PHED calculations were done.

Chris O'Neil asked NYSDOT to update the WG on setting state targets for LOTTR and TTTR. NYSDOT has a good idea of the appropriate range of values for state targets but they are still under discussion. Once state targets are set, an MPO can choose to support the state targets or set specific targets for the MPO area. NYSDOT is expecting that none of the NY MPOs will set a target that departs radically from the approach taken for the state as a whole. The targets are set for performance over the next two and four year periods, and each MPO's TIP is unlikely to change in a significant way in this near term. Once targets are set, the four year targets can be adjusted in two years, if needed.

Chris asked if the tool will allow disaggregation of data at the corridor level for planning purposes. The AVAIL team said the tool will have this capability.

The AVAIL team is ready to start working on LRS conflation.

3. June/July In-Person Meeting

The WG is considering a one-day in-person meeting in June or July. Possible dates are during the weeks of June 18-21, July 9-13, July 16-20, or July 23-27.

Chris suggested the agenda could include a hands-on session with the tool, and an update from WG members on how they are applying the tool. We would also have a discussion about data issues, a presentation on the use of passive data for modeling, and a discussion of the possibility of jointly purchasing additional data. The AVAIL team will send out a poll to gauge availability during those dates.

4. Next Meeting

The next meeting is will take place at the end of May or the beginning of June.