



NEW YORK STATE ASSOCIATION OF MPOs MODELING WORKING GROUP

**June 1, 2018
Conference Call
9:30 AM – 11:00 AM**

MEETING NOTES

Participating

- Chris O'Neill, CDTC
- Chris Bauer, CDTC
- Lauren Burns, OCTC
- Michael Chiume, NYMTC
- Zack Coleman, OCTC
- Rich Denbow, CS
- Emily Dozier, DCTC
- Nathan Harp, NYSDOT
- Erik Krans, AVAIL
- Catherine Lawson, AVAIL
- Munnesh Patel, NYMTC
- David Staas, UCTC
- Chris Tortora, GTC
- Dylan Tuttle, PDCTC
- Alan Warde, NYSDOT

1. Introductions

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

2. Discussion of In-person Working Group Meeting

The WG discussed the possibility of holding a meeting in-person during the week of July 9. The meeting would be held at the University of Albany and would begin in the morning and end by mid-afternoon. Agenda items would include: using the NPMRDS tool for congestion management analysis; a presentation on modeling by Cambridge Systematics; an update on national trends in VMT; NHTS update; and an update on CAV.

The AVAIL team issued a poll for WG members to indicate availability during that week. The meeting date will be determined once poll results are in.

3. Tool Updates

The AVAIL team discussed recent changes to the NPMRDS Congestion and Reliability Performance Analytics tool. They have made progress in loading data from across the

country. A new database was created that speeds up the process of computing the PM measures for every state.

The team is currently working on fixing bugs in the staging tool. Once the fixes are made they will move the tool to production for use.

The tool can display heat maps of accidents, which is based on TRANSCOM data. It can also show Peak Hour Excessive Delay (PHED) by mile. This allows comparison of segments. The team asked for suggestions on how to display this type of data.

Munnesh Patel asked what attributes are contained in the TRANSCOM data. The attributes include incident type, scheduled construction, and weather-related information. It would be helpful to filter the data by incident type. Chris O'Neill asked what types of crashes are included. The team will look into this, and the WG will consider discussing safety data at the in-person WG meeting.

The team has implemented each of the federal PM3 measures into the tool. Users will be able to see new data reflected in the tool as it becomes available each month and compare it against performance targets.

Chris O'Neill said they have been discussing how to present trend data to the public and decision makers, particularly with respect to differences in results when calculating reliability using older data from NPMRDS1 and current data from NPMRDS2. The different datasets make it difficult to compare past trends with current results when determining where to set targets. To account for this, NYSDOT built a safety margin into their state PM3 targets. Rich Denbow discussed how other states are addressing the dataset issue and different trendline results. Some states are displaying separate reliability trend lines for the time period before 2017 and from 2017 to present (NPMRDS1 vs. NPMRDS2), and applying the slope resulting from earlier trendlines to the newer data. FHWA has stated that because of differences in the datasets, using multi-year trend data is not the best approach for the baseline performance report. Instead, setting initial targets based on conservative results of baseline (2017) measures would be the prudent approach. States or MPOs can later adjust four year targets at the mid-performance period reporting (in October 2020). At that point in time, there will be three years of NPMRDS2 data to use for the trend approach to target setting.

4. Tool Development Schedule

The team has pushed the schedule back to allow time to get everything working well in the tool to allow it to be used for target setting. They continue to work on LRS conflation. Emily Dozier asked if users should use the development version of the tool. Erik Krans will follow up with Emily.

5. Next Meeting

The next meeting is scheduled for June 29, 2018.