



NEW YORK STATE ASSOCIATION OF MPOs MODELING WORKING GROUP

November 30, 2018

Conference Call

9:30 AM – 11:00 AM

MEETING NOTES

Participating

- Chris O'Neill, CDTC (Chair)
- Mike Alexander SMTC
- Richard Batchelder, NYSDOT
- Chris Bauer, CDTC
- Lauren Burns, OCTC
- Michael Chiume, NYMTC
- Shannon Clark, AVAIL
- Zach Coleman, OCTC
- Mark Debald, DCTC
- Rich Denbow, CS
- Jason Deshaies, SMTC
- Emily Dozier, DCTC
- Mark Grainer, NYSDOT
- Eric Krans, AVAIL
- Catherine Lawson, AVAIL
- Jin-Wook Lee, AVAIL
- Alex Muro, AVAIL
- Munnesh Patel, NYMTC
- Courtney Taylor, ECTC
- Dylan Tuttle, DCTC
- Alan Warde, NYSDOT
- Yun Hai Zhang, NYMTC

1. Introductions

Alex Muro opened the meeting. Participants introduced themselves.

2. NPMRDS Tool Updates

The AVAIL team provided a status of updates to the tool.

- New measure visualizations will be available soon.
- The team will add functionality to show TMCs for a selected area and load the TMC data to do "TMC forensics" for a measure. This will allow you to look at performance data for a particular day to see how the TMC and the network performed.

- You can also see data completeness for each TMC, by day, by peak, etc. In looking at this data, the team found that on most days TMCs generally do not get over 60% data completeness (i.e., travel data reported to INRIX for only 60% of the of the possible five minute epochs).
 - Data completeness is an indicator of confidence in the reported performance. The more complete the data, the higher the confidence in the underlying travel data.
 - We don't yet know what a typical completeness level is.
 - Chris said arterials show less reliability than Interstates. It would be useful to know if data completeness on arterials is a factor.
 - The WG feels that data completeness should be reported along with performance to give a fuller picture of the data.
- Emily Dozier said that many of the TMCs in her region have short lengths. Combining them with adjacent TMCs could be helpful to avoid data issues. The AVAIL team has started to look into ways to do this. There are a few issues with doing this that need to be addressed so they would not be able to do it in the short term.

3. Modeling Working Group Work Plan

Chris will update the WG's work plan for the upcoming 2019-2020 Fiscal Year. He asked the WG to suggest activities for the coming year. Suggestions included:

- Continue to discuss the NHTS.
- AMPO's CAV work group is close to finishing its work and will develop a report. The Modeling WG should continue to coordinate with AMPO's CAV activities.
- Spend more time discussing scenario planning.
- Monitor Census activities. The new CTPP will roll out in the next year. The WG should pursue training.
- Consider looking back at old MPO forecasts as we calibrate models with new data.

Chris will develop a draft Work Plan and circulate for discussion in January.

4. Wrap-up and Next Meeting

The next WG meeting will take place on January 4, 2019.