



NEW YORK STATE ASSOCIATION OF MPOs MODELING WORKING GROUP

September 29, 2017

Conference Call

9:30 AM – 11:00 AM

MEETING NOTES

Participating

- Chris Bauer, CDTC
- Angel Canales, NYSDOT
- Michael Chiume, NYMTC
- Jim Davis, NYSDOT
- Mark Debal, PDCTC
- Rich Denbow, CS
- Erik Krans, AVAIL
- Catherine Lawson, AVAIL
- Alex Muro, AVAIL
- Munnesh Patel, NYMTC
- Abdus Salam, NYMTC
- Zachary Coleman, OCTC
- Fred Budde, OCTC
- Yun Hai Zhang, NYMTC

1. Introductions

Eric Krans (AVAIL) opened the meeting. Meeting participants introduced themselves.

2. Tool Updates

The AVAIL team reviewed the most recent updates to the NPMRDS tool. The team added maps to view data for the final USDOT Systems Performance/Freight/CMAQ Performance Measures rule (PM3). Currently the maps can be viewed by MPO; data for the entire state takes a long time to load. Level of Travel Time Reliability (LOTTR) can be viewed by year, for interstate, non-interstate, or both. For Truck Travel Time Reliability (TTTR), the PM rule applies to interstate only but the tool has data for both interstate and non-interstate. The tool provides a weighted average score and a TTTR scale (under 1.25, 1.25 – 1.5, 1.5 – 1.75, 1.75 – 2, above 2). Muro also showed data for hours of delay. This will be useful for the CMAQ measures.

The team completed research on bottlenecks and selected an appropriate methodology. The tool ranks bottlenecks across the State. The top bottlenecks are all located in the New York City region. The bottleneck methodology reflects ATRI data, which looks at both directions along a corridor, and is limited to interstates. The data can be presented for trucks (single and combination), passenger vehicles, and both. Currently it represents a monthly average. Longer term, the team would like to re-implement the previous version of the bottleneck

tool, which looked at data every five minutes and therefore reflected bottlenecks throughout a day. This data will be more difficult to rank due to complexity. The tool has a new incidents view, which is still under development. The tool uses Transcom incidents.

The team was asked if the tool can present night time data to allow users to see how the network functions under different travel conditions. It's not clear how this could be done with the available data, which is an historical dataset. The AVAIL team will look into this further.

The team enhanced the tool's sharing capability. Users can receive a notification when another user shares information.

The team continued to work on the interactive user guide. It is now available on the main page when the user is not logged in. To further develop content for the guide the team will create a series of examples that show different uses of the tool. Users will receive a notification when new examples are developed.

3. Additional Upcoming Features

The next meeting is scheduled for October 27, 2017.