



NEW YORK STATE ASSOCIATION OF MPOs MODELING WORKING GROUP

**June 29, 2018
Conference Call
9:30 AM – 11:00 AM**

MEETING NOTES

Participating

- Chris Bauer, CDTC
- Lauren Burns OCTC
- Zach Coleman, OCTC
- Jim Davis, NYSDOT
- Jason Deshaies, SMTC
- Emily Dozier
- Erik Krans, AVAIL
- Catherine Lawson, AVAIL
- Jin-Wook Lee, AVAIL
- Alex Muro, AVAIL
- Munnesh Patel, NYSDOT
- Nikhil Puri, CS
- Alan Warde, NYSDOT
- Yun Hai Zhang, NYMTC
- Alex Muro, AVAIL

1. Introductions

Eric Krans (AVAIL) opened the meeting. Participants introduced themselves.

2. Tool Updates

The AVAIL team provided the group with updates they made to the NPMRDS tool. The team has made good progress on reconciling the NPMRDS tool with the performance measures laid out by NYSDOT. The WG discussed the changes being made to the tool using NPMRDS version 2 versus version 1. The AVAIL team will analyze trend lines derived from NPMRDS1 to apply to future targets. This is a work-in-progress. NPMRDS1 data covers January 1, 2014 to December 31, 2016 and is available in one version of the tool. NPMRDS2 is used in the newer version of the tool, so it will not reflect 2014 through 2016 conditions.

The team provided an update on tool functionality. The tool will be reconfigured to focus on New York State instead of the entire U.S. Incident data is included in the current tool, but the layer is off by default. The team is working towards making it easier to navigate through the tool. The tool will eventually be available at both the state and local MPO levels. The bottleneck view will be retired, while the functionality to identify the worst performing TMCs will be brought back. AVAIL members spoke about making the calculations more consistent

with expectations. One additional functionality that they have worked on is the ability to download networks as shape files. Currently, shape files and CSV files are not filtering to geographies, but that will be addressed.

AVAIL staff are working on functionality that would allow the user the ability to select sub geographies, including choosing multiple MPOs to visualize. This may include the ability to select a sub geography by drawing a polygon around it, for example.

The WG discussed application of the tool for the Mid-Hudson Valley Congestion Management Plan (CMP). The AVAIL team has been asked to verify calculations to ensure the tool creates reasonable estimates. In this context, the tool will represent maximum peak levels of congestion at an individual TMC level. This may be a focus area for the next in-person area. AVAIL will follow-up with the Mid-Hudson Valley staff within the next one to two weeks regarding the CMP updates.

These additional items were mentioned:

- NYSDOT is in the process of purchasing INRIX expansion data.
- AVAIL will create a shape file from the tool specifically for the Capital district.
- Shape file exports will include Linear Referencing System (LRS) information.
- Crash data is included in the tool. However, the data needs further analysis and review to make it consistent with performance measures requirements.

3. In-person Meeting

The WG discussed the next in-person meeting, which is being rescheduled from July to the August/September timeframe. A Doodle poll was sent out to assist in scheduling this meeting.

4. Next Meeting

The next meeting is scheduled for July 27, 2018.