



**NEW YORK STATE ASSOCIATION OF MPOs
MODELING WORKING GROUP
October 25, 2019**

**Conference Call
9:30 AM – 10:30 AM**

MEETING NOTES

Participating

- Chris O'Neill, CDTC (Chair)
- Ananya Baruah, CS
- Chris Bauer, CDTC
- Mark Grainer, NYSDOT
- Eric Krans, AVAIL
- Catherine Lawson, AVAIL
- Alex Muro, AVAIL
- David Staas, UCTC
- Andrew Tracy, CDTC
- Jason Deshaies, SMTTC
- Michael Chiume, NYMTC
- Dylan Tuttle, DCTC
- Alan Warde, NYSDOT

1. Introduction

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

2. Tool Updates/Review

- The conflation view in the NPMRDS Tool has been updated. The AVAIL team gave an overview of the features.
- Routes can be edited in order to impute different measures with different roadway networks.
- NYSDOT count stations are mapped with count data. Currently, the team is working on validation of the stations.
- GTFS data is conflated into the network. The team is working on matching the GTFS trips with the roadway segments. They are testing with CDTA data now and will include other datasets later.
- For macro view, the csv downloader has additional customizable attributes that can be downloaded such as direction, different measures, and different time periods.
- Time period downloads can be by time of day, peak period, or full day.

- A new feature will be added to the macro view which will include adding different data views from sources like InfoUSA. It is in production now and will be available to authorized user groups only.
- Data point layers such as businesses, employments, housing, etc. can be added to the map. Data can be visualized using different color schemes to represent different variables. They can also be downloaded as a shapefile for further analysis.
- These data points can be used to develop isochrones to create different filters for analysis.
- Users can save their work in folders and manage their workspace. The folders can be shared as long as they are part of an authorized user group.
- There is a Reports tool, which allows users to create desired reports and output graphs.

3. Software Feedback

- Andrew mentioned an issue with low speed values (below 20 mph) in smaller cities in NY.
- Jason provided feedback on unusual reported lengths for some TMCs. He compared the reported lengths to lengths calculated using GIS software and found differences. Some start and end points of overlapping TMCs are not correct. He was primarily using the macro tool to export segments, such as top 10 segments, for various other measures. He also pointed out that the older downloaded shapefiles and the new downloaded shapefiles are different.
- Jason made a suggestion to include travel times, average travel times, and 95 percentile travel times with the downloads.
- Other members suggested including average speed in the downloads, and removing noisy data if possible.

4. Next Meeting

The next meeting is tentatively scheduled for Dec 6, 2019.