



NEW YORK STATE ASSOCIATION OF MPOs MODELING WORKING GROUP

September 28, 2018

Conference Call

9:30 AM – 10:00 AM

MEETING NOTES

Participating

- Mike Alexander, SMT
- Michael Chiume, NYMTC
- Mark Debal, DCTC
- Rich Denbow, CS
- Jason Deshaies, SMT
- Mark Grainer, NYSDOT
- Nathan Harp, NYSDOT
- Eric Krans, AVAIL
- Catherine Lawson, AVAIL
- Alex Muro, AVAIL
- Chris Tortora, GTC
- Dylan Tuttle, DCTC
- Alan Warde, NYSDOT

1. Introductions

Alex Muro (AVAIL) opened the meeting. Participants introduced themselves.

2. Macro Tools Updates

The AVAIL team provided status of updates made to the Macro tool since the last WG meeting (September 11, 2018).

- The team researched how speed limits are used in the calculation for the federal Peak Hours of Excessive Delay (PHED) measure. In this measure, excessive delay is travel at 60% of the posted speed limit.
- There are quality issues with the speed limit data, especially for some segment lengths and for segments with signals.
- They identified and considered delay measures based on speed difference from freeflow speeds rather than from speed limits.
- They looked at non-peak speeds on all segments in the NPMRDS to get info about freeflow speeds and applied measures.
- This has worked pretty well. It did result in some changes in the lists of the top 10 hotspot. Areas that are more urbanized will show more variation between the two approaches.

- The last measure to update is the ATRI measure. When ATRI first developed the measure they didn't have as much data as we have now. The team will look at ways to make it more useful as a truck travel measure.
- They are working with NYSDOT on a tool to do analysis on a particular area, for example, analyze current speeds vs. freeflow speeds over five minute increments.
- They will continue development of Network View.
- They continue to work on LRS.

3. Wrap-up and Next Meeting

The group discussed the September 11, 2018 in-person WG meeting and provided feedback.

The next meeting is scheduled for October 26, 2018.