



Agenda

MPO Modeling Working Group

January Meeting

Date: 1/29/2016

Time: 9:30 AM – 11:00 AM ET

Location: University at Albany, AS 123 ([map](#))

Web-Conference Location: GoToMeeting or Phone Conference Call

NPMRDS Web-tools

Please join my meeting from your computer, tablet or smartphone.

<https://global.gotomeeting.com/join/488140357>

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United States (Long distance): +1 (408) 650-3112

Access Code: 488-140-357

Topics:

1. Technical Questions
 - a. Free Flow Speed Definition
 - b. Data Quality
 - i. Issues with NPRMDS Data Quality
 1. Speeds are slow
 - a. <http://www.ops.fhwa.dot.gov/publications/fhwahop15033/sec3.htm>
 2. Discussion of UW Paper
 - a. Road functional classes behave differently? Arterials vs Highways
 - ii. What can we do about data quality?
 1. Experimental Design Discussion
 2. FHWA is looking into this as well
 - a. FHWA was impressed by our solution: Comparing a road to itself over time.
2. NPMRDS Web-Tool Update
 - a. Updated home page dashboard
 - b. Bottlenecks
 - c. Beginnings of Statewide Page
3. Future Features Discussion
 - a. Original Features
 - i. County-wide Map Tools showing all the links in red/yellow/green
 - b. Incident Query – Data Fusion Engine Validation Episodes
 - i. Pick an incident and drill into the data which is the opposite of what we've currently built, where the data defines the incident
 - c. Ability to download data in csv file and png/svg
 - d. Truck Data vs Combined vs Car Data
 - e. Speeds or Travel Time Index, Planning time index
 - f. Threshold Speeds? Linked to functional class
 - i. Reliability = Current speed / Threshold speed
 - g. Statewide Page
 - h. NPMRDS shapefile with LRS – Richard Bachelder

