

**NEW YORK STATE ASSOCIATION OF MPOs**  
**TRANSPORTATION SYSTEM MANAGEMENT & OPERATIONS (TSMO) WORKING GROUP**  
**March 16, 2016**

MEETING NOTES

1. Participating

BMTS – John Sterbentz

CDTC – Chris O’Neill

GTC – Joe Bovenzi

HOCTS – Rich Reichert

SMTC – Mario Colone

FHWA – Robert Arnold, Tim Crothers

2. Presentation: Robert Arnold, Director, FHWA Office of Transportation Management

Arnold provided an update on FHWA activities:

- Connected Vehicle program. Infrastructure Deployment Guidance is in final review and is anticipated by end of March. The guidance will include a number of products and tools – licensing DSRC antennae; guides for V2I deployment for planning. There will be a website that will have all resources.
  - There is a V2I Deployment Coalition.  
(<http://www.transportationops.org/V2I/V2I-overview>) It is meeting in Detroit in April. (includes 8 State DOTs, MPOs, manufacturers)
  - When published, this will be Interim guidance, with an opportunity for comments (as with the previous draft). Intended to be a cyclical process.
- Cybersecurity in CV deployed infrastructure. This is a topic on which ITE/AASHTO/ITSA/OEMs working together. It is now in its early stages.
- FAST Act provisions related to TSMO: Transportation Congestion Mitigation Technology Deployment grant. Anticipated announcement by end of March. Includes an ICM component. Not for funding pilot projects, but for actual deployment of advanced equipment by system owners/operators.
- FTSFA – pilot program to demonstrate alternatives to gas tax as principal federal revenue source. Only states can apply; possibly looking for a multistate large term deployment.

Bovenzi – Is there a fact sheet or white paper on planning policies to support initiatives?

Arnold – A white paper is underway. It will work to define the threat. This is about hackers, but also non-malicious intrusions or problems incurred by not keeping software up to date. FHWA is not a system owner, so need stakeholder group.

Bovenzi – GTC is updating TSMO Strategic Plan, which will include this issue. NYSDOT and others beginning to address cybersecurity.

Gayle – Can you speak more broadly about CV? MPOs and State DOTs will have to address expenditures on the public infrastructure side, which will compete against all the other investment demands.

Arnold - V2I is voluntary. There will be significant safety benefits. The key requirement is interoperability. Any ITS device installation should include specs to be V2I-ready.

Arnold – regarding AV: FHWA does not get into the car. AV may actually present a threat to traffic management if not in Connected realm (C/AV). Connecting AV lets it look out into a wider physical environment than its immediate surroundings. Even if a state does not want to do V2I, V2V will improve safety. May have to give right of way and power supplies for others' equipment.

Gayle – A discussion at TRB Subcommittee on Linking Planning and Operations referred back to the beginning of ITS, and how the places that received early deployment grants were left with legacy systems that then needed to be replaced. The concern raised by DOTs and MPOs is when they should buy in.

Arnold – V2I guidance needs to get out to avoid the sale of unsupported equipment.

Consider small scale deployment as a testbed (eg, signal preempt for emergency responders as a standalone). Again, important for other procurements to specify "V2I-ready".

### 3. Roundtable

#### a. MPO Updates

Bovenzi reported that GTC signed contract with IBI Group for Regional TSMO Strategic Plan. Previously distributed scope. Will provide updates and lessons learned. Will be including CV and AV; will share policy recommendations. Cybersecurity is a key issue.

O'Neil reported the NYSAMPO Modeling WG continues to work with NYSDOT and AVAIL on NPMRDS data project. They are close to a product.

Bovenzi – GTC included in UPWP a Lake Ontario State Parkway Decommissioning Study by a local member. This will focus on a low AADT segment in poor condition. Look at converting 4 lanes to 2 lanes, address excess ROW.

#### b. NYSDOT Updates

NYSDOT not available, no report

#### c. FHWA Updates

Crothers: no report beyond what Arnold had offered

### 4. Other Business

a. Gayle mentioned there had been a proposal for the current year, extended into the coming year's Working Group Work Plans for joint work on AV by the TSMO, Climate Change, Modeling, and Safety working Groups. Since there will not be a NYSAMPO conference in 2017 (it is planned as a biennial event) there is a possibility for a multi-working group roundtable. Members should consider their interest in such an event.

b. Bovenzi noted that the I-95 Corridor Coalition is holding a conference in June "Connected and Automated Vehicles: What States Need to Know". He will provide the flyer, which Gayle will distribute with the meeting notes.

### 5. Next meeting:

June 15, 2016

1:00 p.m.