Portable Changeable Message Signs & Flashing Arrow Panels
Technical Committee Meeting Agenda
Working Session #11
Wednesday, April 25, 2018 8:00AM – 9:30AM

1) 8AM-8:10AM: Call to Order, Introductions and Review of Current Technical Committee Members
   - All attendees introduced themselves
   - GA and IN used to test these products, but now only uses NTPEP for PCMS/FAP

2) 8:10AM-8:15AM: Technical Committee Purpose and Objective
   - The purpose is to facilitate the evaluation program that evaluates these two products
   - This is the first year FL is doing this testing. Was taken over from NC.
   - Have performed tests on 2 arrow boards
   - Reviewed members on the Committee

3) 8:15AM-8:30AM: Program Status Update
   - This first year, 8 signs from 4 manufacturers were received
   - 3 arrow boards, 4 PCMS, 1 PCMS (Cold weather test performed in Dec/Jan)
     o 3 not in FDOT APL
   - Each test plan includes 3 tests: performance, shutdown, site test
   - 2 test conditions
     o Cold weather test includes all 3 tests
     o Hot weather test includes only performance and shutdown
   - All test data will be available in DataMine by October
   - The Chair reviewed the internal structure of F DOT Traffic Engineering Research Lab (presentation attached to these minutes)
     o Product Approval Process was presented
4) 8:30AM-9:00AM: Proposed Changes to Test Plan

- Reviewing MUTCD Requirements
- NTCIP performance testing
- NEMA TS-2/4 environmental testing
- FCC certification
- Minor Changes:
  - Fastening hardware requirements
  - Marking/labeling (must have manufacturer name, part number, and serial number/date code as a minimum)
- Some signs have accessories, some don’t. May need to require standard accessories to be consistent
- Standardize message, font, and size of font. Should use worse case. NTPEP uses 75% to 85% of character. FDOT standard is 8 “B” on 3 lines. NTPEP allows 6 “B” on 3 lines.
- May need to specify a standard intensity level
- Action Items:
  - Update test plan for PCMS/FAP
  - Update the PCMS/FAP “Usage Guide”
  - Reach out to states not on the committee to judge interest
  - Reach out and advertise the program to show the benefits
  - Conduct a survey to understand what requirements are not being met by the NTPEP test for other states
- Katheryn asked GA and IN to put together a few slides as to how they utilize this program. These slides combined with an overview of the Program can be presented at the 2018 AASHTO Committee on Traffic Engineering Meeting.
- Questions:
  - How do we get more state participation?
  - Do we need to add more manufacturers to this technical committee?
  - Cold Weather Test: Is Tallahassee good enough with ADT=50s for Dec/Jan/Feb. Can this test be satisfied in our temp chamber?
- Suggestions for products to add to this technical committee (all of these products are on the FDOT APL):
  - MOT Devices
  - ITS Devices
  - Traffic Signal, Traffic Controller
    - TN- Have you looked to see if these products can be tested in the field? The Chair mentioned these products are tested at our lab. TN Would like to see an automatic flagger evaluation. They were going to do a QPL for ITS devices for the certification program FDOT currently does.
    - One of the problems GA has with keeping a QPL for these products is due to the technology changing so quickly
5) 9:00AM-9:30AM: Industry Concerns/Open Discussion