

**Detectable Warning Systems (DWS)  
 Technical Committee Quarterly Conference Call Minutes  
 Wednesday August 2nd, 2017 10:00AM – 11:00AM EST**

**Current Technical Committee Members**

Byram, Karen	Florida DOT	Chair	Voting
Roskam, Natalie	North Carolina DOT	Vice Chair	Voting
Sirianni, Jonathan	AASHTO	Liaison	None
Dixon, Kidada C.	Alabama DOT	Member	Voting
Ingram, Steven	Alabama DOT	Member	Non-Voting
Paul Sullivan	Arizona DOT	Member	Non-Voting
William Faber (Replacing Maysa)	Arizona DOT	Member	Non-Voting
Hanna, Maysa F.	Arizona DOT	Member	Non-Voting
Huang, Stephanie	Arizona DOT	Member	Voting
Webb, Todd	Delaware DOT	Member	Voting
Robinson-Perry, Erany Lavonda	Georgia DOT	Member	Non-Voting
Khoda, Mahbub E	Iowa DOT	Member	Voting
Young, Brad	Ohio DOT	Member	Voting
Simon, Jozsef T.	Tennessee DOT	Member	Voting
Clayton, Darby	West Virginia DOT	Member	Non-Voting
Rublein, John	Wisconsin DOT	Member	Voting
Stenko, Mike	TRANSPO Industries, Inc.	Other	None

1. Discuss AASHTO TP 103 (2015)
2. Discuss change of work plan to include NTPEP DWS Draft using AASHTO TP 103 (2015)
  - a. Draft
  - b. Comparison of flowchart in AASHTO TP 103 (2015), Figure 1 to NTPEP Workplan flow chart (Separate Attachment)
3. Determine direction for the NTPEP work Plan for Nov voting.

- Natalie put together a version of the Work Plan that follows TP 103
- Flowchart in TP 103 which Karen simplified and sent to everyone (attached to the meeting invite)
  - Didn't take into account different material, just listed all of the testing
  - Blanks are areas where there are missing equivalent testing
    - Visual and microscopic evaluation as received and after accelerated weathering
    - Upper (15 thermocycles; max temp 200°F; 375 hrs of UV) and lower (freezing not below -10°F) temp weathering, both with UV aging as well
      - Would likely want to look at more UV aging time
- AASHTO committee in charge of TP 103 is willing to work with us in developing the standard
  - We need to justify any additional testing that would need to be placed into the standard
  - Will assure that we are testing to the standard
  - Need to check with states that have other testing to see how important these other tests are and if they should be included in TP 103
  - For surface applied systems, we would want to look at bond strength of adhesives – Not currently in the TP 103 standard
    - Some wet set materials, have a series of ribs to help with adhesion. This needs to be considered when looking at bond strength
    - Also need to consider dry set with mechanical anchors
  - TP 103 does not take into account the different types of systems, which we may need to work on splitting out the testing to account for the different ways that these products need to be tested
    - We need to separate different materials out in TP 103
  - TP 103 is a provisional standard now. 2 years left until it either needs to be accepted or rejected as a full standard
  - The committee supported adopting AASHTO TP 103 as the basis for the work plan and discussed that any identified modification requests will be proposed through the AASHTO TP103 work group as soon as possible to allow this temporary standard to develop these changes.
- Does performance test give you the same data that you would get by testing individual properties which may be difficult and costly to perform individually?
- Discussed specifics that states (Arizona, Florida, Wisconsin) are doing with DWS products
- Snow plow testing briefly discussed
  - Would only be useful for cast iron devices
  - WisDOT indicated that they use cast iron, but do not require the snow plow testing
  - Consensus seems to be that we don't need this test
- Natalie and Karen will take into account these comments and have a meeting next month to follow up
  - We need to ballot in November, so we need to have it done in October
  - September 6<sup>th</sup> @ 10 am EST
  - October 4<sup>th</sup> @ 10 am EST