

NTPEP DWS Quarterly Call Meeting Minutes 5.9.17

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- Discussed AASHTO TP103 prior to the meeting

1. Discuss status of the NTPEP DWS Proposal for testing

- Received two proposals
- Natalie and Karen had a bunch of questions presented at the Annual Meeting, which they answered.
- However upon further review, not sure if the right test methods were specified in the work plan
 - Look at the Excel spreadsheet for the tests that may need altered
 - Going to look at making changes and get the Work Plan balloted as soon as possible
 - Test Labs that sent proposals were informed
- Testing facilities that submitted proposals have been notified.

2. Discuss product testing requirements in Work Plan. See attached spreadsheet

- Tabs across bottom are for each type of product
- Took the table in the work plan and broke it apart for each type of material
- Broke down if the testing was applicable to the material
 - Want to make sure we have the right tests for the right materials
- Discussed Average flexural strength (Row 6) under Concrete Pavers.
 - ASTM C293 is for concrete flexural strength using 3-pt load beam
 - This test ends up being completely useless for some of the products depending on the material
 - ASTM C109 is for compressive strength of mortar using 2-in. cube
- Also noted that some of the abrasion resistance tests are referencing paint based tests.
 - Paints on these products is more of a method for keeping the product from rusting during transport, prior to having it placed permanently

- Tests would be meaningless if that is the case
 - Karen is considering calling around to the states to see what they do.
 - Trying to stick closely to AASHTO TP103 and want to at least talk to the people who are involved with that standard
 - Iowa, Arizona, Wisconsin
 - Mike discussed the importance of the location of spot testing and the dependency of the installation on testing results. Due to the variable configuration and materials, this is going to be challenging but must be done if the testing is to have value.
 - Karen asked how states are performing testing and discussed how Florida has performed some of the testing in the past.
 - Look at tests in their ideal installation
 - Temperature cycling is a big factor in performance
 - A problem we have is that no spec is laying out exactly what tests should be run on the different types of products.
 - We may not have identified the correct tests
 - Some tests will give different results depending on where along the product they are tested
 - Karen thinks there may have been a state that did studies on the types of testing that should be run for the different types of products.
 - Maysa thinks it would be worthwhile to target the AASHTO Materials Group (SOM) to see what they are doing with these products
 - Karen indicated we have already done this.
 - Only about 12 states responded
 - Might want to call the other states to see what they do
 - **Karen, Natalie, and Jonathan will come up with a survey to send out to states.**
- 3. Discuss changes necessary for the modified Work Plan to go out for balloting and anticipated timeline**
- End of June we can get a ballot out because ERB needs to send out a ballot
 - If we miss this window, the next window is November
 - We will work quickly to try and make the June deadline
- 4. Open Discussion**