Rapid Set Concrete Patch (RSCP)
Technical Committee Meeting Agenda
Working Session 11
Wednesday, April 25, 2018 8:00AM – 9:30AM

1) 8:00AM-8:10AM: Call to Order and Introductions

2) 8:10AM -8:20AM: Review of Current Technical Committee Members (Insert membership list from NTPEP website)

<table>
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2018 Annual NTPEP Meeting
Norfolk Waterside Marriott
Norfolk, Virginia
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3) 8:20AM -8:30AM: Brief Summary of the Technical Committee

The NTPEP Project Panel responsible for authoring the Project Work Plan convenes yearly at the NTPEP National (Annual) Meeting. During this working meeting, the Project Work Plan is discussed; changes made, and shortly thereafter balloted for adoption. Improvements are immediately implemented in the next available testing
cycle. When compared to other standards development exercises, the NTPEP process is agile, effective and efficient.

4) 8:30AM - 8:45AM: Review of Outstanding Action Items 2017

- Investigate addition of sulfate testing. (T 105)
- Consider addition of chloride testing (T 260)

NY had proposed the addition of chloride testing in the March conference call. Are other states interested? Pennsylvania, Wisconsin, and Louisiana indicated that they were.

Sulfate testing was proposed by NY. No others represented at this meeting expressed interest.

Nelson Testing can do the T260 test with low additional cost. We would need to decide between acid soluble and water-soluble methods. Acid soluble gives more detail. ASTM C1152 is the method for acid soluble. ASTM C 1218 is the water-soluble method. AASHTO T260 describes both acid and water soluble.

Action: Decide whether to use acid or water-soluble method. Also need to decide how to prepare sample i.e. cast specimen and then crush for sample?

There was discussion regarding the variability of test results for chloride testing. TEC indicated that XRF testing provides more repeatable results. Nelson Testing doesn’t feel that there is a repeatability problem with titration method. XRF is more expensive. He feels that T260 or the ASTM methods aren’t difficult to run.

Discussion regarding which method to use.

Will survey member states to see if acid or water soluble is preferred.

Meeting attendees didn’t indicate much interest sulfate testing.

Nelson Testing will give a cost estimate for each test

5) 8:45AM -9:00AM: Update-Program Status

- Lab Testing
- Field Testing
- Work Plan – changes for last year
- Addition of AASHTO T106/ASTM C109 – During the quarterly call on 3/28/18 it was discussed and agreed to add cube testing for neat repair materials.
- User Guide 2015 – should the definition or neat and extended be updated?
- 2018 Submission Cycle

Nelson Testing indicated that 2017 testing is complete and is under manufacturer review. There were 15 products: 12 cementitious, 6 polymer modified, 1 polymer.

Field evaluation - 7 products installed.
2016 8 products have had 1-year review
2015 5 products have had 2-year review

Hope to release data to industry by May 4th.

Work Plan changes since last year were the addition of ASTM C403, set time.

Per discussion in March quarterly conference call, should we add T106 for neat materials? Currently 4x8s cylinders are tested. Sometimes larger cylinders produce lower strengths. Cubes are more representative of actual thickness that these materials are used.

Nelson provided a quote that adds $400.
It was decided to eliminate 4x8 for neat material and only use 4x8 for extended. Neat material will be tested with cubes.

Discussion about what tests are available for confirmation that product received in field is NTPEP tested product.

Definition of neat. Should be defined by aggregate size not by whether or not aggregate is added to product as bagged. ASTM C928, 1.1.1 and 1.1.2 define neat and extended products. Will incorporate that into next work plan revision. Will also effect how manufacturers submit their product.

Wendy Henry says that there should be 3 product types. Neat, neat intended to be extended, and concrete

Submittal form will need to be modified.

2018 cycle may 21st thru early August. Will probably be changed to early July thru August so that form can be revised.
6) 9:00AM -9:15AM: Discuss DataMine Items

No issues brought up

7) 9:15AM -9:30AM: Industry Concerns

No issues brought up

8) 9:30AM -9:45AM: Open Discussion

- State Participation (what are states looking for in their RSCP programs/ tests to add/remove)
- Regional Diversity – Additional Field Locations

No comments regarding issues keeping states from using the NTPEP RSCP program.

Not many states are using field trial. Should field trial remain as part of the program? Include questions related to this in survey

Everyone should ask the maintenance people who use these products in their agency if there is value in field trial.

9) 9:45AM -9:55AM: Review of Action Items for 2018

Update for neat/extended definition, field trial or not,

Acid vs water soluble, how many want ‘titration or XRF, when to do the test on the sample

Quotes on XRF, and titration

Work plan change to do cube testing for neat material and only do 4x8 for extended products.

Modify submittal forms neat vs extended.