Rapid Set Concrete Patching Materials (RSCP)
Quarterly Conference Call Agenda
Thursday, July 12, 2018

1) Attendance:

<table>
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<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Jim Wild</td>
<td>Vermont Agency of Transportation</td>
<td>Merrill Zwanka</td>
<td>South Carolina DOT</td>
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<td>Maribel Wong</td>
<td>AASHTO</td>
<td>Temple Short</td>
<td>South Carolina DOT</td>
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<tr>
<td>Melinda Winkelman</td>
<td>Illinois DOT</td>
<td>Mark Nelson</td>
<td>Nelson Testing Labs</td>
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<td>Curt Niehaus</td>
<td>Kansas DOT</td>
<td>John Kosar</td>
<td>Quikrete</td>
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<td>Wally Heyen</td>
<td>Nebraska DOT</td>
<td>Wendy Henry</td>
<td>Quikrete</td>
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<td>Brian Carmody</td>
<td>New York State DOT</td>
<td>Rich Braun</td>
<td>on behalf of ASTM</td>
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2) Laboratory testing updates
   a) All results released to manufacturer
   b) One manufacturer requested a retest (undergoing)

3) Field testing updates
   a) Up to date
   b) 2017 1 year data available later this year

4) Work Plan (see attachments)
   a) Added Chloride Ion Content for cementitious and polymer modified products as a required test method, manufacturer chooses method (water or acid soluble, or both)
   b) Added clarification on allowing manufacturers to select curing (wet, air, moist)
   c) Clarification on manufacturer providing extender aggregates
   d) Compressive Strength test for NEAT cementitious and polymer modified products has changed to cube specimens

5) Submission Cycle August 3rd-August 31st
   a) Still on track for field installations

6) Survey questions
   a) Field test trials
      i) Who uses them for acceptance decision?
      ii) Who looks at them just for information?
      iii) Is there benefit to continue field test trials?
      iv) If field test trial were done in other regions, would there be a greater use of the data?
v) If yes then which region?

b) Chloride testing – (I already added this to the work plan as an initial stab at it)
   i) Who would use this to base approval of the product?
   ii) Test for water soluble or total chloride?
   iii) Test method to use?
   iv) Which test using titration or XRF?
   v) Should chloride testing be setup like the freeze-thaw testing is in the work plan where the manufacturer could select if water soluble or total chloride or both is tested?

7) Open discussion
   a) Consideration of other repair materials from NY member:

Currently the NTPEP RSCP committee predominately covers concrete repair materials for flat work (i.e. bridge decks). I would like to propose that the committee considers expanding their evaluations to include a larger variety of concrete repair materials. Within NYSDOT, we have three distinct categories for bagged repair materials for flatwork, the biggest variation (other than compressive strength) being the time of set. This is mostly due to the variety of needs of maintenance forces. Other needs for RSCP materials may include:

- **Concrete grouting and anchoring materials:**
  
  **Scope:** This specification covers the requirements for grouting material used to grout anchor bolts, dowels and other items in Portland cement concrete.
  
  **General Use:** This material should not be used in layers thicker than 2 in.

- **Shear Key Grout:**
  
  **Scope:** This specification covers the requirements for grout to be placed in shear keys between precast concrete structural units.
  
  **General Use:** The material must be flowable to fill the shear key with no voids.

- **Vertical and overhead patching material:**
  
  **Scope:** This specification covers the requirements for Vertical and Overhead Repair Material for placement in structural concrete repairs.
  
  **General Use:** The use of this material is limited to repair areas smaller than 4 ft2 and not deeper than 2 in, and is meant to be applied and finished with a trowel.

- **Cable duct grouting material (for structures):**
  
  **Scope:** Requirements for grout used to fill the post-tensioning ducts in concrete bridge elements.

Attached for your reference is a table of the various RSCP materials currently utilized within the NYSDOT.

8) Next Call – Tuesday September 18th 2018 2pm Eastern Time