CADD/CCC Conference Call Agenda
January 26, 2017

1. Attendance/ Introductions

<table>
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<tr>
<th>Name</th>
<th>Organization</th>
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<tbody>
<tr>
<td>Julie Lamberson</td>
<td>Missouri DOT</td>
<td>Cyler Hayes</td>
<td>AET</td>
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<td>Jason Krogman</td>
<td>Minnesota DOT</td>
<td>Bill Rebel</td>
<td>AET</td>
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<td>Maribel Wong</td>
<td>AASHTO</td>
<td>Julia Johnson</td>
<td>AET</td>
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<td>Paul E. Sullivan</td>
<td>Arizona DOT</td>
<td>Shawn McCormick</td>
<td>TEC</td>
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<td>Melinda Winkelman</td>
<td>Illinois DOT</td>
<td>Mark E Piechuta</td>
<td>BASF Corporation</td>
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<td>Wesley Glass</td>
<td>Kentucky Transportation Cabinet</td>
<td>Nate Artman</td>
<td>Sika</td>
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<td>Patricia Miller</td>
<td>Pennsylvania DOT</td>
<td>Michael Grivna</td>
<td>TK Products</td>
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<td>Joseph Kerstetter</td>
<td>Tennessee DOT</td>
<td>Anita Vuckovska</td>
<td>W. R. MEADOWS, INC.</td>
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<td>Wilma A Morrison</td>
<td>AET</td>
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2. Changes to the work plans

Added to both the CADD and CCC work plan:

2.1 Unless otherwise noted, all references to test methods and standards are intended to be of the most current versions. Testing facilities producing NTPEP reports are directed to note the year designation of every test method and standard referenced in the report.

Revised CADD 4.3:

The manufacturer shall submit every admixture type individually, even if dosage is the same, and every individual admixture type will be assigned a NTPEP CADD number. Admixtures meeting more than one type that do not require more than one set of evaluations, will be charged additionally for the generated report only. Admixtures that meet more than one type will be subject to the full evaluation fee for every dosage rate. Please refer to the most current fee schedule for the specific fees.
Added to both CCC and CADD:

6 DELIVERABLES – EVALUATION RESULTS AND DATA

6.1 Test result data will be compiled on laboratory reports and populated test tables and made available to all participating states and testing companies through the AASHTO/NTPEP DataMine website. No judgment as to a product’s acceptability to any state will be made in DataMine. End state user participants will establish individual criteria for product acceptability.

6.2 The report and populated test tables shall contain the test data generated by the contracted NTPEP laboratory(ies).

6.3 Test results will be transmitted electronically in the web-based data base, DataMine as follows. Once the test tables and report documents are reported to the technical committee’s chair and liaison, they will release data to the manufacturer for review. When the manufacturer reviews and accepts the data, s/he can release the data to the public through DataMine.

6.4 DataMine – This database can be accessed through the AASHTO/NTPEP web site link at [http://data.ntpep.org](http://data.ntpep.org/).

Clarified CCC work plan:

ASTM D1644, Method A confirmed as method used for nonvolatile content

3. Discussion of Chlorides testing for CADD, Wesley Glass (KYTC)
   a. Inconsistencies between manufacturer values/independent testing values. Different methods are being used.
   b. **TEC to adopt EN 480-10 for consistency within NTPEP. This should address the issue of thiocyanates producing false positives for chloride percentages.**
   c. Julie’s summary of discussion:
   d. Per Wesley, KYTC currently uses electrode testing with a thiocyanate masking agent. TEC uses an XRF that measures total chlorides, not only water soluble chlorides. AET currently uses EN 480-10.
   e. Bill Rebel (AET) told us a draft version is in the works as a stand-alone committee that will be reviewed during June meeting. Involves titration with hydrogen peroxide. EN 480-10 releases a dangerous gas, hydrogen cyanide, during testing.
   f. Mark P (BASF) mentioned there is a ballot as of Jan 9th in SOM. (I do not remember the details on this).
   g. I believe the consensus is to measure water soluble chlorides, not total chlorides.
4. Call for DOT volunteer to give 3-5 talk at Annual Meeting to show how CCC/CADD benefits their state (should be good with industry volunteers) Merrill Zwanka from SC DOT!

5. Testing lab concerns
   Action Item: Cyler Hayes – liquid admixture dilution guidance not currently available on the Work Plan
   Sec 3.3. Need additional language to clarify testing of the pH. If a manufacture requires dilution to be done for the product, the dilution should be done before additional dilution as stated in work plan.
   Sec 5.4. Need additional language to clarify collection of the IR. If an admixture does not produce a residue when dried, the IR scan will be on the “neat” material and be noted as such.

6. Manufacturer’s concerns – addressed in chloride discussion

Next call: after the Annual Meeting!