Structural Steel and Concrete Coatings Committee
Technical Committee Meeting Minutes
Wednesday, March 15, 2017 8:00AM – 9:55AM

1) Call to Order and Introductions

2) Review of Current Technical Committee Members
   a) See attached Document
      • If you aren’t a member of the committee and want to be, just contact Todd, Maribel or Jonathan
      • Discussed Bill’s survey
         o More states involved with SSC than the previous survey

3) Brief summary of the technical committees (for those states who do not participate in quarterly calls or who are new to NTPEP)
   • SSC is an open cycle for submissions
   • CCS is getting ready to open up
      o KTA was selected as the new testing laboratory
   • Discussion about the involvement map on the NTPEP website
      o No solid timeframe on this being updated
      o Bill Real needs to finish the survey and that could be up to a year

4) Discuss testing multiple colors as part of program. (SSC)
   • From the Louisiana perspective they are trying to navigate the challenges of using darker colors on some of their bridges rather than the basic highway gray
      o Test blue, green, red pigments to get an idea how colors will perform
      o Want manufacturers to submit darker colors for testing
      o They require NTPEP to get on their APL and you have to be on APL to be involved with projects
   • There was some discussions about this in conference calls
   • Going to get a task group together to look into this in more depth
      o Going to have industry representative(s) involved with this
      o Todd took down names for task group
• Paul Vinik had spoken with a pigment manufacturer who was optimistic about being able to meet the TCs needs
• Discussion led by Kelly about how to handle the fact that it is impossible to cover all potential colors

5) **Discuss IR testing methods**
• NTPEP has IRs in a bunch of the TCs
  o Is this data consistent and comparable?
• We can standardize the end product quality no matter what type of IR
• There are some generic guidelines that everyone would find helpful such as standardized scaling of spectra, labeling peaks, etc.
• Need to have more than just “do IR” within work plans; need to discuss more of the technical aspects
• Discussion about what we are using IR for within this committee
  o It is a tool to help the decision making process when determining whether the product is the same as the tested product
  o Changes may still be made that won’t show any difference in the IR spectrum if the chemical composition is the same
• Kelly is putting a group together to explore this
  o Todd took names of volunteers
  o Julie mentioned the CADD/CCC just went through something similar and revised their work plan

6) **Discuss CCS testing lab selection**
• Had two bids, KTA was selected
• KTA
  o Already started doing some trial mix designs so they are fully prepared for when testing commences
  o Going to run a set of panels through the entire test scope
    ▪ Would like to get a task group together to assist with this
  o Questions about test methods
    ▪ Total heavy metals by AA spectroscopy was able to be done by ICP instead for SSC, is this acceptable for CCS?
      • Can do everything except mercury with ICP
      • Some concern about historical issues interference and clarity of ICP vs AA
        o This is not an issue now
    ▪ Epoxide value has a year of 1997 but the 2004 has method A, and there is also a 2011 without a method A. 2004 edition doesn’t actually tell you how to run the method.
      • Committee will review this
      • Look at KTA’s submission for SSC
    ▪ Will there be at least 2 submission windows?
      • That is how it traditionally worked, but we need to determine if it is feasible
• Will this be a set cycle or a fixed submission window?
  o Open cycle is very burdensome to the testing facility
  o Manufacturers will need some time for submissions once they know the price

7) Discuss DataMine
• Data that was not labeled as “all” of something did not migrate properly
  o Things went into Todd’s queue that should not have been there
  o If you see any issues with the data, please bring them to our attention
• Mentioned the credit card payment and how it can really expedite the process
• All DataMine 2.0 items should be available in DataMine 3.0

8) Industry Concerns
• Get DataMine 3.0 fixed so they can see the data
  o Not great communication about the switch to 3.0
  o Is the data being verified?
    ▪ It currently hasn’t been, trusted iEngineering
    ▪ Maribel will determine a way for manufacturers to verify data
  o People would like to get a conference call to get a tutorial of DataMine
• SSPC Bridge Inspector Program
  o Coming up for a 5 year review
  o AASHTO signed into with SSPC so the states should look at this because
    Derrick used to be the guy when he was with Kentucky
    ▪ Doesn’t have to be a single person, can parse out parts of the review to several people
    ▪ Todd took names for people interested in involvement

9) Open Discussion
• Francisco discussed SSPC conversation about changing from testing to minimum standards to testing to a maximum standard
  o Came about because some discussion within the bridge committee felt the weak link was the paint
    ▪ Wanted 100 year life on paint instead of 25 – 35 years
  o Research being performed into high performance coatings
    ▪ Project to paint in brackish water, and within this they are going to insert some of the research items
  o Want to know when the paints actually fail, not just the minimum
  o Contact Bobby Mead if interested in involvement with high performance coating research
  o Manufacturers had some concerns with this because without changes to specifications, they won’t invest the money into testing their products to meet increased requirements
  o Task Force will be created to look into the testing in order to present it to SOM 4c to update specifications
• Timeline for task groups
  o Todd will confirm membership and then will get something set up
10) 9:55AM-10:00AM: Review of Action Items for 2017

- **Coatings Color Task Group** – Derrick Castle, Debbie Simmons, Francisco Gudiel, Kelly Morse, Paul Vinik, Todd Bennett, Wynn Darden, Mike Grubb, Julie Lamberson.
- **FT-IR specification Task Group** – Kelly Morse, Cynthia OMalley, Dave Kuniega, Derrick Castle.
- **SSPC Task Force for review of course material** – Francisco Gudiel, Todd Bennett, Kelly Morse, Paul Vinik, and Jim Swisher.
- **CCS Task Force** – Dave Kuniega, Kelly Morse, Todd Bennett, KTA, Sherwin Williams, TK, and Klaas.
<table>
<thead>
<tr>
<th>Name</th>
<th>Email Address</th>
<th>Agency Name</th>
<th>Designation</th>
<th>Member Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bennett, Todd</td>
<td><a href="mailto:Todd.Bennett@modot.mo.gov">Todd.Bennett@modot.mo.gov</a></td>
<td>Missouri Department of Transportation</td>
<td>Chair</td>
<td>None</td>
</tr>
<tr>
<td>Morse, Kelly L</td>
<td><a href="mailto:kelly.Morse@illinois.gov">kelly.Morse@illinois.gov</a></td>
<td>Illinois Department of Transportation</td>
<td>Vice Chair</td>
<td>Voting</td>
</tr>
<tr>
<td>Gudiel, Joaquin F</td>
<td><a href="mailto:Francisco.Gudiel@La.Gov">Francisco.Gudiel@La.Gov</a></td>
<td>Louisiana Department of Transportation and Development</td>
<td>Vice Chair</td>
<td>Voting</td>
</tr>
<tr>
<td>Wong, Maribel</td>
<td><a href="mailto:mwong@aashto.org">mwong@aashto.org</a></td>
<td>American Association of State Highway and Transportation Officials</td>
<td>Liaison</td>
<td>Non-Voting</td>
</tr>
<tr>
<td>Eames, Alexandra Louise</td>
<td><a href="mailto:aeames@aashto.org">aeames@aashto.org</a></td>
<td>American Association of State Highway and Transportation Officials</td>
<td>AASHTO Staff</td>
<td>None</td>
</tr>
<tr>
<td>Jenkins, Andre Lemar</td>
<td><a href="mailto:jenkinsa@dot.state.al.us">jenkinsa@dot.state.al.us</a></td>
<td>Alabama Department of Transportation</td>
<td>Member</td>
<td>Voting</td>
</tr>
<tr>
<td>Ingram, Steven</td>
<td><a href="mailto:ingrams@dot.state.al.us">ingrams@dot.state.al.us</a></td>
<td>Alabama Department of Transportation</td>
<td>Member</td>
<td>Non-Voting</td>
</tr>
<tr>
<td>Vinik, Paul E</td>
<td><a href="mailto:paul.vinik@dot.state.fl.us">paul.vinik@dot.state.fl.us</a></td>
<td>Florida Department of Transportation</td>
<td>Member</td>
<td>Voting</td>
</tr>
<tr>
<td>Mitchell, Brandi Ramona</td>
<td><a href="mailto:brandi.mitchell@ky.gov">brandi.mitchell@ky.gov</a></td>
<td>Kentucky Transportation Cabinet</td>
<td>Member</td>
<td>Voting</td>
</tr>
<tr>
<td>Grubb, Michael A</td>
<td><a href="mailto:michael.grubb@la.gov">michael.grubb@la.gov</a></td>
<td>Louisiana Department of Transportation and Development</td>
<td>Member</td>
<td>Non-Voting</td>
</tr>
<tr>
<td>Davis, Jason</td>
<td><a href="mailto:jason.davis@la.gov">jason.davis@la.gov</a></td>
<td>Louisiana Department of Transportation and Development</td>
<td>Member</td>
<td>Non-Voting</td>
</tr>
<tr>
<td>Gallistel, Allen</td>
<td><a href="mailto:allen.gallistel@state.mn.us">allen.gallistel@state.mn.us</a></td>
<td>Minnesota Department of Transportation</td>
<td>Member</td>
<td>Voting</td>
</tr>
<tr>
<td>Collins, Edward Martin</td>
<td><a href="mailto:edward.collins@dot.ny.gov">edward.collins@dot.ny.gov</a></td>
<td>New York State Department of Transportation</td>
<td>Member</td>
<td>Voting</td>
</tr>
<tr>
<td>Boothe, Joel</td>
<td><a href="mailto:joel.e.boothe@dot.state.or.us">joel.e.boothe@dot.state.or.us</a></td>
<td>Oregon Department of Transportation</td>
<td>Member</td>
<td>Voting</td>
</tr>
<tr>
<td>Kunlega, David H.</td>
<td><a href="mailto:dkunlega@pa.gov">dkunlega@pa.gov</a></td>
<td>Pennsylvania Department of Transportation</td>
<td>Member</td>
<td>Voting</td>
</tr>
<tr>
<td>Fleming, C. Wa</td>
<td><a href="mailto:cw.fleming@vdot.virginia.gov">cw.fleming@vdot.virginia.gov</a></td>
<td>Virginia Department of Transportation</td>
<td>Member</td>
<td>Voting</td>
</tr>
<tr>
<td>Simmons, Deborah</td>
<td><a href="mailto:d.simmons@carboline.com">d.simmons@carboline.com</a></td>
<td>Carboline Company</td>
<td>Other</td>
<td>Non-Voting</td>
</tr>
<tr>
<td>Olson, Ahren</td>
<td><a href="mailto:shren.olson@covestro.com">shren.olson@covestro.com</a></td>
<td>Covestro LLC</td>
<td>Other</td>
<td>Non-Voting</td>
</tr>
<tr>
<td>Palle, Sudhir</td>
<td><a href="mailto:sudhir.palle@uky.edu">sudhir.palle@uky.edu</a></td>
<td>Kentucky Transportation Center</td>
<td>Other</td>
<td>Non-Voting</td>
</tr>
<tr>
<td>Corbett, William D</td>
<td><a href="mailto:bcorbett@kta.com">bcorbett@kta.com</a></td>
<td>KTA-Tator, Inc.</td>
<td>Other</td>
<td>Non-Voting</td>
</tr>
<tr>
<td>Castle, Derrick</td>
<td><a href="mailto:derrick.castle@sherwin.com">derrick.castle@sherwin.com</a></td>
<td>Sherwin-Williams</td>
<td>Other</td>
<td>Non-Voting</td>
</tr>
<tr>
<td>Grivna, Michael</td>
<td><a href="mailto:mgrivna@tkproduct.com">mgrivna@tkproduct.com</a></td>
<td>TK Products</td>
<td>Other</td>
<td>Non-Voting</td>
</tr>
</tbody>
</table>