Technical Committee SAPL  
Technical Committee Meeting Agenda  
Wednesday, March 4, 2020 10:00AM – 11:00AM

Attendees (Bold indicates present): Jeff Syar, Brian Carmody, Steven Ingram, Courtney Wallace, Carlton Spirio, Chase Knight, Andrew Blackburn, Michael Pelham, Kean Ashurst, Therese Kline, Cabell Garbee, Danny Lane, Philip Peloquin, John Schuler, John Rublien, Whitney Wise, Robert Sherwood, Shawn McCormick, Keith Walker, Joseph Royer, Steven Henning, Mike Kappler, Chip Johnson, Katheryn Malusky

1) Call to Order and Introductions  
   - Courtney Wallace is the new NTPEP liaison for SAPL

2) Update-Program Status  
   - 8 industry partners within datamine: 3 resins based 5 cementitious  
   - Kathy & Jeff had a call with another resin SAPL company end of January 2020

3) User Guide Published  
   - Is posted on NTPEP website  
   - DOT’s can review to see how they would use information from the workplan

4) Discussion of any Proposed Work Plan changes or Industry or Testing Lab Concerns  
   a) Discussion on C-1609 vs C-78 testing  
      (1) Industry has concerns that C-1609 is not beneficial since no cementitious SAPL products have shown residual strength, which is what C-1609 is set-up for  
      (2) C-1609 is set up for fiber reinforced concrete that has residual strength after the first crack  
      (3) Should we keep C-1609 for another vendor not currently in the program that may have this technology?  
         (a) Should C-78 be adopted until another vendor requests it?  
         (b) Relative cost between the two tests: C-78 $40-50 C-1609: $185-200  
      (4) Suggested adding C-78 back into the workplan and making C-1609 an optional test in the workplan  
         (a) If vendor choses C-1609 than C-78 wouldn’t be required  
         (b) Sample size would be the same between the tests – 2 inch beams
   b) AASHTO T358 surface resistivity  
      (1) Recommendation to increase curing time from 28 days to 56 days.  
      (2) Mentioned that DOT’s often require more than 28 days  
         (a) Looking to move to 56 days for a more realistic number  
            (i) Shawn (SGS) is not opposed to 56  
            1. It will not affect testing
2. Greener approach
   (b) Would not increase the test cost

c) Physical Material Testing Frequency
   i) Current have 4 year frequency
      (1) Work plan indicates 3 years after initial submission under section 11.4
      (2) Recommend changing to 4 years after initial publication
         (a) Kathy: as long as it is spelled out in the work plan it will be better for
             the states to understand
         (b) How are industry partners notified?
             (i) Up to them, there is no indicator in Datamine or from AASHTO
             (ii) Rely on industry to keep up with the re-evaluation
   d) Joe Royer suggested adding a fingerprint test in the workplan to address product
      changes between what is used at the DOT and what is tested in NTPEP
      (a) Can serve as a check for the DOT
      (b) Joe will send information regarding the fingerprint test for
          cementitious products to Jeff; Jeff will forward to the members on the
          TC.
         (i) Could be added for resin and cementitious SAPL
         (ii) Resin fingerprint – IR test
         (iii) Cementitious would be a little more complicated given the
              different add mixtures and fibers
   e) Proposed changes to the workplan will be made by Jeff and will be forwarded to
      the TC members before the annual meeting in June in Columbus
      i) Voting will be done at the annual meeting

5) Update on SAPL pooled funded research
   a) Ohio is the lead state
      i) 7 DOT’s involved
   b) Active for 2 years with 1 more year to go
      i) Looking to be completed in December of 2020
   c) Soil box testing is underway
      i) Control pipes (corrugated metal pipe) circular and pipe arch shape
         (1) Intact invert-Completed
         (2) Removed invert-Completed
      ii) Resin SAPL
         (1) Circular shape-Completed
         (2) Pipe arch-Finishing up this week
      iii) Cementitious SAPL
         (1) Circular shape will begin next month (April)
         (2) Pipe arch after circular
         (3) 7 days curing time prior to soil box loading
            (a) Joe Royer was concerned that strength will not be maximized due to
                curing time
            (b) Jeff indicated that there isn’t enough time in the research project for 28
                day curing and that the Vendor has been consulted
            (c) Jeff will share Joe’s comments with Research Team
   d) If other DOT members are curious, contact Jeff for more information regarding
      research

6) Questions
   a) None