



VRMCA  
Technical Committee Meeting Minutes  
October 25, 2017

Chairman George Kuhn called to order a Technical Committee (TC) meeting on Wednesday, October 25<sup>th</sup> at 10:05. Those present were:

George Kuhn	Teck Chua	Patrick Sullivan
Andy Faulconer	Kevin Goode	John Lockett
Darrell Wilson	Derek Imperial	William Denison, Jr.
Kisia Kimmons	David van Wyhe	Hank Keiper

The minutes of the previous meeting were not approved. Chairman Kuhn asked the committee members to submit proposed changes to him by email. Chairman Kuhn reviewed the antitrust statement. George explained that Jason Connor was no longer an employee of VRMCA. His position is being converted to a marketing specialist. Hessam Nevabi will be the state-wide promoter, and the new employee will be the state-wide marketing contact. The Technical Committee thanked Jason for his service and wished him well.

Discussion:

- Chairman Kuhn stated that 90% of the old minutes, agenda, and action items pertain to VDOT. He asked the committee to suggest more non-VDOT discussion topics.
- Members present said they found the video starring Steve Kerr well done and approved for posting on the Association website or YouTube channel. Members expressed concern that the “revamped” website was still very much under construction, and other TC content was missing.
- There was a robust discussion on the quality of testing lab testing. Patrick S. suggested adding instructional videos on the 7 Field Test Technician tests to the Association website or YouTube channel.
- Chairman Kuhn asked the TC to list and prioritize proposed Technical Bulletin or video topics.
- The TC discussed the Association Facebook page. Very few members have “liked” the page. Members stated there is no new and pertinent content and no community engagement which may be the reason for the few “likes”.
- George asked if there was interest and a volunteer to administer a state-wide round robin testing program. There was little interest and no volunteers. George stated that the individual promotion councils were not interested in their own programs. Bill Denison explained the CCRL testing protocol that all certified laboratories must use. Teck Chua explained the program currently used by WACEL in lieu of CCRL in the DC metro area. Teck offered to make the WACEL test cylinders available to all VA members and testing labs if they would like to participate in the next annual WACEL event.

## Old Business:

- Mass Concrete. George stated VDOT is receptive to 56-day acceptance, and a draft specification is currently under review at VDOT. George said there was confusion in VDOT regarding temperature matched curing vs. the maturity method. Contractors need to be aware of the difference and the VDOT confusion.
- Patching. Larry Lundy (LL) is still coordinating a specification that includes a temperature matched curing pay item. The technical aspects of the specification are not in debate, but the inclusion of TMC as a pay item is a road block.
- Cold Weather. LL plans to modify the Manual of Instruction (MOI) instead of writing a specification to create testing space in cold months.
- Low Cracking Concrete. George explained there is confusion among the various districts about the fixed SRA dosage and whether a fixed, prescriptive SRA dosage alleviates the need for prequalification and verification (field) testing. TC agreed VDOT needs a uniform policy among the 9 Districts. Patrick Sullivan volunteered to work with Celik on improving the fixed SRA dosage issue.
- Supplier Items
  - o *Aggregates*. The TC would like the pilot project for high-fines manufactured sand to continue. The TC recommends VDOT allow the ability to blend multiple fine aggregates include those with fines content above the specified limit as long as the combined fines content falls in the specified range.
  - o *Cement Type 1L*. Complete, no further action needed.
  - o *Admixture Approvals*. Chairman Kuhn reported that VDOT balked at allowing 12-month admixture verifications. The TC recommends admixture supplier representatives prepare a specific proposal for VDOT.
- Retarder Set Times/Deck Sequential Pours. George reported there is no standardized test method from the Research Council on set time testing.
- Point of Concrete Sampling. Language proposed by the TC specifically calling for testing at point of truck discharge is under review at VDOT.
- TL-27/TL-28 Forms. George reported that Larry Lundy has reviewed the form changes proposed by the TC and has no objections. The TC recommends we propose a pilot project for the next COOP meeting using the new forms. Perhaps in the Salem district. Hank K. added a draft worksheet to accompany the TL-28 for Options 2 and 3.
- RCC. VDOT is currently incorporating their special provision into the Standard Specification. The final Research Council report can be viewed at [http://www.viriniadot.org/vtrc/main/online\\_reports/pdf/17-r10.pdf](http://www.viriniadot.org/vtrc/main/online_reports/pdf/17-r10.pdf)
- Testing Issues on Design Build Projects. The TC agreed to keep this item on the agenda due to ongoing problems. VDOT requests the TC identify specific nonconforming examples, and the TC propose draft language to improve the situation.
- Lightweight. LL says he plans to extract language directly from ACKI 206 and propose to the Virginia Construction Alliance.
- VDOT Schools. There is no feedback yet on the new process. LL confirmed that online recertification will continue to work until the end of this year.
- Pervious. George explained the I-81 research project is completed with significant lessons learned. George says the pervious special provision will change regarding the way tolerances are applied based on the actual mix design.

- Electronic Tickets. George stated that LL is receptive to the idea and will consider removing the word “printed” from the Standard Specifications. The TC expects major push back from the districts.
- Admixture Verification by Weight Not Volume (ABC). Patrick explained the Standard Specification does not use the word “bottle.” It says there must be a second means to verify admixture batching. Alternate equipment and processes are already in use.
- ACI International and NRMCA Updates. George reports that Bob Neal stated that ACI 201 is considering moving more towards durability specifications and away from W/CM.

New Business:

- A webinar was announced on Cylinder Strength October 25 from 2-3 PM hosted by Intellirock
- Air in Slabs. The TC discussed the various causes of elevated air content in non-air entrained slabs. One installer in the state is blaming it on polycarboxylate high range water reducers. Patrick explained that defoaming admixtures are becoming prevalent at ready mix plants as part of the full admixture complement.
- “Load and Go” Mixer Washing Systems. Tech Chua explained how the automated truck washing systems work to speed mixers off the yard after loading. He explained that some VDOT district personnel were opposed because they may be adding unknow quantities of mixing water into the drum. TC said he worked the manufacture do minimize water entering the drum...less than 4 gallons per pass.
- David van Wyhe and John Locket requested they be added to the COOP email list.

2018 Future Dates:

January 17 - Technical Committee meeting

January 22 – VDOT/VRMCA COOP meeting, 10 AM -Noon, Charlottesville

April 25 – Technical Committee meeting

July 18 – Technical Committee meeting

October 24 - Technical Committee meeting

The meeting adjourned at 12:47.

Respectfully Submitted,

Hank Keiper, P.E.