



VRMCA Technical Committee

The Place, Richmond VA and by Zoom

Minutes from July 21, 2021

- I. Chairman George Kuhn called the meeting to order at 10:05
- II. Chairman Kuhn reminded those present that all discussions and actions were subject to the standard VRMCA anti-trust statement. No one opposed.
- III. Those present: Dereck Imperial, Swope & Associates; Michael Robinson, Carolina Stalite; David van Wyhe, Lynchburg Ready Mix; Teck Chua, Vulcan Materials; Bill Dennison, ECS; George Kuhn, Chandler Concrete; and Hank Keiper, The SEFA Group
- IV. Chairman Kuhn stated that the minutes of the previous meeting on January 27, 2021, were included in email invitation to the meeting. A motion to accept the minutes (Robinson/Chua) was approved unanimously.
- V. Past Items:
 - a) Chairman Kuhn requested a technical article for the next VRMCA quarterly newsletter. Bill Dennison suggested a review of some of the very technical and extensive testing related to the Hampton Roads Bridge Tunnel project currently under way. Dereck Imperial agreed to assist. ****ACTION ITEM**** Dennison and Imperial to write a draft newsletter article and submit to VRMCA staff for inclusion.
 - b) Chairman Kuhn suggested a state technical bulletin on proper cylinder handling and the implications of improper cylinder care for acceptance. The goal would be a document for member companies to use to help document concerns with engineers/owners. Kuhn said he would explore further. Robinson suggested adding addenda language to the Virginia Uniform Statewide Building Code specifically calling out proper cylinder handling. ****ACTION ITEM**** Keiper to research the procedure for VA code changes. No other suggestions for documents or technical bulletins were offered.
 - c) Kuhn updated the meeting on the Concrete Acceptance Process. There were no action items generated.
- VI. Member Updates: Keiper stated that three new facilities for harvested fly ash in North Carolina are now commercially operational.
- VII. VDOT COOP Update – Old Business
 - a) TL-27/28 updates: Kuhn reported VDOT wishes to keep the basic form of TL-27 the same and do the new work via worksheets. Industry is awaiting VDOT subcommittee action.
 - b) Low Shrinkage A4: VDOT requested data to support the industry request of a fixed minimum dosage of SRA of 1.5 gallons with testing. Imperial reports the data has been sent to Beyke.

- c) Admixture Dispensing Systems Language: ****ACTION ITEM**** Kuhn and Patrick Sullivan of MB to draft language.
 - d) A3 Curb Mix Industry draft: Kuhn suggested we request Table II-17 be updated with a new mix for A3 Curb Mix using the same parameters listed for A4 Post and Rail. Nobody in attendance voiced opposition to the proposal.
 - e) Chua proposed a new agenda item for COOP: recommend VDOT adopt the core strength acceptance criteria of 85% f'c as shown in ACI 506.2-13 (R-2018), Specification for Shotcrete. Currently VDOT requires 100% of f'c for cores cut from shotcrete. There was no opposition to the proposal.
- VIII. Future Programs: Kuhn suggested a presentation on "Extended Joint Spacing" for the next Technical Committee Meeting. There were no objections or alternate suggestions.
- IX. Additional member concerns or proposed discussion items:
- a) Kuhn offered a discussion on ACI Field Test Technician Level 1 testing conducted by VRMCA. Keiper stated it was his understanding that John Raper, recently retired from the City of Virginia Beach, is being trained to manage the program following the recent departure of Larry Lundy. Kuhn stated that training is conducted 100% online via a virtual token provided to paid examinees. Kuhn asked the group if "in-person" training including previously taught background information should be restarted now that COVID concerns are fading. Keiper stated that something needs to happen because the quality and performance of examinees is declining dramatically, especially on the written exam as the CP-1 Workbook no longer contains the actual ASTM standards. This is leading to morale problems and complaints regarding supplemental examiners who are all volunteers to the association. ****ACTION ITEM**** Kuhn will discuss with D. Easter the role and responsibilities of the Technical Committee regarding the FTT L1 program administered by VRMCA.
 - b) Dennison asked the meeting if members were seeing very high and inconsistent coulomb results coming from the VDOT Materials Lab in Elko. Dennison and Imperial stated that test results were highly sensitive to different slag cement sources.
- X. Future Meetings: Kuhn proposed returning to quarterly in person committee meetings. Chua seconded the proposal, and there was no opposition. The next Technical Committee meeting is proposed for October 13, 2021, at The Place in Richmond.
- XI. The meeting was adjourned at 12:12.

Respectfully submitted by Hank Keiper, P.E.