

Technical Committee
Wednesday, April 27, 2016
10 AM – 1 PM
The Place at Innsbrook
Richmond, Virginia

- I. Call to Order/Welcome.** Chairman George Kuhn called the meeting to order at 10:00 am and welcomed everyone. Other members in attendance were: Michele Brenner of Ash Venture, Teck Chua of Vulcan Materials, Hank Keiper of The SEFA Group, Kisia Kimmons of Roanoke Cement, Scott Manning of Powhatan Ready Mix, Bob Neal of Lehigh Cement, Michael Robinson of Carolina Stalite, David van Wyhe of Lynchburg Ready Mix, Ricardo Valentin of Essroc Cement, Bob Swope of Swope, Inc., Chuck Starnes of F&R, Bruce Jones of NE Solite and John Lockett of Roanoke Cement. Jason Connor and Bob Nablo represented VRMCA.
- II. Anti-Trust Statement.** Kuhn referred everyone to the VRMCA Anti-Trust Statement.
- III. Approval of the Agenda.** Chua. Seconded by Keiper.
- IV. Approval of the January 20, 2016 Minutes.** Jones. Seconded by Valentin.
- V. Old Business.**
- a) CO-OP Meeting Items (From January 26 meeting – Charlottesville)
- Drilled Shaft Special Provision – VDOT has not made any changes, and “Special Provision” is only used in special instances. Technical Committee can continue to push for aggregate size changes or remove from agenda. Van Wyhe suggests leaving for local Districts to decide issue.
 - Mass Concrete – VDOT goal is to have one master spec. Neal likes flexibility, and says one master spec is not necessarily a good idea. VRMCA would like a sliding scale related to temperature requirements. Chua wants ACI 301 provisions followed. Robinson comments on temperature differential specifications. Neal and Chua comment on cooling pipes restrictions. Keep this topic on the agenda.
 - Patching – Still an open issue. Current language does not address temperature-matched curing. VDOT would like VRMCA to supply new language, and Kuhn asks for volunteers. Keiper volunteers.
 - Cold Weather Concreting – No progress. This remains an open item left over from Bristol District. Lundy wants to ultimately have a heated area for testing.
 - VCTIR studies – Handout from Neal. The provision is for laboratory results – C157 does not apply to field specimens. Robinson asks if there is a lightweight version of the special provision?
 - Permeability Penalties – Members reviewing. Discussion tabled until July meeting.
 - Mineral Fillers – (Manufactured Fines @ -200) – There are test projects in VDOT Districts. Chua says he is unsure where the high fines topic stands. Kuhn says there is a VDOT special provision and Bristol District has proposed two projects. There is discussion among Committee members.

- Deck Sequential Pours – Monitoring activities. Larry Lundy says VDOT bridge engineers still do not like, and do not want, sequential pours. He says this is happening in the field, and we will see what comes of it.
- Point of Concrete Sampling – No action yet. VDOT language is vague – nothing prevents testing after pumping. Kuhn would like VRMCA to suggest language that is more specific. Neal says he wrote suggestions in “Hydraulic Cement Concrete Sampling”. Keep on agenda.
- TL-27/TL-28 Forms – Open item. On VDOT’s to-do list. Keep on agenda. Current form not good.

b) Off Agenda:

- SCC for field use – In new spec. book (page 188). Completed, and removed from agenda.
- Shotcrete – In new spec. book (page 493). Completed, and removed from agenda.
- Lightweight Concrete – In new spec. book (page 190).

c) New Items:

- Available Mineral Admixtures. Valentin says his tests have been approved. Modified C-41.
- Type 1L cement – VTRC providing guidance. Manning comments that there is no current guidance from VDOT.
- Approved lists of materials – On VDOT’s to-do list.
- Virginia Concrete Conference (March 3-4) – No feedback received.
- New Spec Book changes (June 1, 2016 adoption date set) – Draft attached to Technical Committee minutes.
- MOI Review – Out for feedback but no word yet.
- Future of RCC – VDOT pleased with early results. VCTIR will be publishing a report.
- Concrete closure pours – Will be a topic at the upcoming Co-Op meeting, but TC is unsure of any changes.
- Testing Issues on Design Build Projects – Kuhn reports that he sees lax testing by contractors and fears potential problems.

d) Additional Old Business:

- Cement/Flyash/Materials Update – Robinson discusses “rapid efflorescence”. Van Wyhe also comments. Swope comments on problem and how/why it happens.
- ACI Virginia Chapter – Starnes talks about a late May 2016 program in Williamsburg. Topic will be grout testing. Also discusses proposed October 11, 2016 presentation by Ken Hover in Roanoke. Additional discussion about Spanish language concrete finishing classes.
- NRMCA Certification classes – Previous Certification classes in Northern Virginia and Hampton in May.

VI. New Business:

- Seeking topics for future meetings and programs. Potential speakers? Possibly Larry Lundy?

VII. Future 2016 Technical Committee dates:

- July 20, 2016, October 19, 2016.

VIII. Future VDOT Co-Op Committee Dates:

- July 26, 2016. VCTIR, Charlottesville.

IX. Spring VRMCA Conference:

- May 1-3, 2016. The Greenbrier Resort, White Sulphur Springs, WV.

X. Adjournment:

- 11:55.