

Technical Committee
Wednesday, October 28, 2015
10 AM
The Place at Innsbrook
Richmond, Virginia

- I. Call to Order/Welcome.** Chairman George Kuhn, Chandler Concrete, called the meeting to order at 10:00 AM. Other members in attendance included: Bruce Jones, NE Solite; Bob Neal, Lehigh Cement; Tom Wahl, SEFA Group; Bill Denison, ECS Mid-Atlantic; Scott Manning, Powhatan Ready Mix; Darrell Wilson, Boral; Kisia Kimmons, Roanoke Cement; Hank Keiper, SEFA Group; Michael Robinson, Stalite; Bob Swope, Swope and Associates; Teck Chua, Vulcan Materials; Niles Mason, Lafarge Cement; Brandon Horton; Patrick Sullivan, BASF; Brad Meyers, Swope & Assoc.; and Michele Brenner, Ash Venture. Bob Nablo represented staff.
- II. Anti-Trust Statement.** Kuhn referred everyone to the VRMCA Anti-Trust Statement.
- III. Approval of the Agenda.** Kuhn noted that he wanted to recap recent VDOT Committee meetings and check the agenda for 2016. Moved by Wahl, seconded by Denison.
- IV. Approval of the April 22 and July 22, 2015 Minutes.** These minutes were not available, but would be available on the VRMCA website soon.
- V. Old Business.**
- a) CO-OP Meeting Items
- Drilled Shaft Special Provision – SCC, 1” max & permeability variations. Changes to aggregate size mix was rejected at CO-OP meeting. VDOT will stay with ¾ inch stone. Will consider changes to moulding procedures. Kuhn asks if VRMCA wants to pursue this any more? Swope offers to talk to Celik about aggregate size.
 - SCC for field use – no comments.
 - Contractor Quality Control – currently a dead issue.
 - Shotcrete – Larry Lundy working on wording of specs. Nothing further needed from VRMCA.
 - Mass Concrete – Neal says VRMCA may want to encourage VDOT to not be prescriptive in Special Provisions spec. Keiper suggests performance based criteria.
 - Lightweight Concrete – Robinson expresses concern about Celik’s wishes for bridge decks. 650 lbs. total cementitious material? Comments about test bridge deck in Gloucester Co.
 - Patching – discussion about specifications changing? Is there a pilot project? Should/could temperature matched curing be an alternative?
 - Plant/Truck Certifications – issues are resolved. No longer an agenda item.
 - Cold Weather Concreting – There is some momentum to change the language to require the contractor to perform testing at 40 degrees and above. Lundy is looking at MOI re-write for changes. Keep this item on the agenda.

- VCTIR studies – There are numerous studies and pilot projects on various topics. Neal, Swope and Wahl all have comments. Kuhn asks if VDOT should pick a total shrinkage number and allow producers leeway to achieve that number?
- Permeability Penalties – A draft specification is being circulated. VRMCA has been asked to review and comment. This will be on the agenda for the next Technical Committee meeting in January.
- Mineral Fillers – Chua comments that the aggregate group seems to have successfully handled this situation. Changes are available for review. The deadline for comments is in November.
- Deck Pours – VDOT Design Committee does not want to change placement schedule. VRMCA will monitor this.
- CRAC Meeting 3/18 – Neal reports no significant issues.
- Option based Mix Designs – has been implemented. No longer an issue.
- ERS Sublots – Off agenda.
- 3 day field curing – Off agenda.
- Point of Concrete Sampling – Nothing definitive in MOI, may be included at some point. Kuhn would like something to present to VDOT at January 2016 meeting.
- TL-27/TL-28 Forms – Think there is a VDOT committee to recommend revised forms. Keiper offers to be VRMCA Committee Rep.!
- Mistert in Front of Screed – Not allowed, dead issue.
- Jobsite Additions – VDOT Testing is final, no adjustments, dead issue.
- Flyash Supply Update – Keiper, Wahl, Brenner, Wilson comments. EPA still working to eliminate coal burning, now attacking CO2 emissions. Discussion on January agenda?
- ACI Flatwork Certification – Denison comments, scheduled for November 13 in Va. Beach.
- NRMCA Pervious Certification Classes – Nablo comments, none scheduled.

VI. New Business

- a) Maturity Testing – Comments by Kuhn.
- b) Topics for future meeting programs/potential speakers.
 - a. Keiper – review of ASR specs.
 - b. Neal – How does VDOT collect sample of lightweight concrete?
 - c. Chua – Testing CO2 in Ready-Mixed concrete.
 - d. Wahl – Cement Industry/College liaison program?

VII. Future Committee Dates

January 20, 2016; April 27, 2016; July 20, 2016; October 19, 2016.

VIII. Future VDOT CO-OP Meeting Dates

One week after Technical Committee meeting dates – January 26, 2016.

IX. Adjournment – 12:15.