

Technical Committee
Wednesday, April 10, 2013
10 AM
The Place at Innsbrook
Richmond, Virginia

- I. Call to Order/Welcome.** Chair George Kuhn (Chandler Concrete) called the meeting to order at 10:00 AM. Other members in attendance included: Chuck Starnes (F&R), Bob Neal (Lehigh Cement), Bruce Jones (Northeast Solite), David van Wyhe (Lynchburg Ready Mix), Steve Kerr (Greenrock Ready Mix), Patrick Pearce (Vulcan Materials), Darrell Wilson (Boral Materials), Mitch Crenshaw (Luck Stone), Michael Robinson (Stalite) Bob Swope (Swope & Associates). George Boykin and Bob Nablo represented staff.
- II. Anti-Trust Statement.** Kuhn asked members to read the VRMCA Anti-Trust Statement and reminded everyone that by signing the sign-in sheet they acknowledge that they read and agreed to the Anti-Trust Statement.
- III. Approval of the Agenda.** A motion to approve the agenda was made by Darrell Wilson. Seconded by Steve Kerr. Approved unanimously,
- IV. Approval of the October 10, 2012 Minutes.** On a motion by Wilson and second by Starnes, the minutes were approved unanimously.
- V. Website Technical Section Update.** The Technical Section of the website continues to have problems. The downloads are back on the site, but two are incorrect.
- VI. Update on Mineral Fillers.** In lieu of a repeat of January's lengthy discussion, it was suggested that the Committee wait to see what, if any, changes are made to C-133 wording and the VDOT position on mineral fillers. VDOT has been asked for a meeting on the subject. Kuhn says we should continue to support the aggregate industry.
- VII. VDOT Co-Op Meeting Topics.**
- End Result Special Provision – What is a “lot”? VDOT considers a “lot” to be up to 500 cubic yards with similar materials (within 5% deviation from mix design), but there could be multiple sublots (maximum 100 cubic yards?) if the mix changes. Boykin says the VDOT District Materials Engineer makes the determination on changes. (See attached document). Kuhn and Neal say there are no current penalties in effect.
 - Plant and Truck Inspection – No changes or new information.
 - Performance-Based Mix Designs – Members are not aware of any progress. Neal thinks proposals are moving forward within VDOT.
 - Unit Weight Testing – It is unknown if there are any trial projects.
 - SCC Specification – Kuhn reports that within the drilled shaft specifications a specification for SCC exists. As for the VCTIR study on reducing cracks in decks,

shrinking reducing admixtures may be used. Neal says existing data does not support the theory that high-strength concrete cracks more than “normal” strength mixes. He thinks mixes with SRA may crack more than mixes without. Kuhn wants to monitor studies on this issue.

- Mass Concrete – Members are somewhat surprised that concrete of only 6” thickness can be considered “mass concrete” if 1,000 lbs. of cement/cubic yard is used. (See included handout).
- Shotcrete – Specifications are being rewritten.
- Contractor QC – No active plans.
- Kuhn noted that concerning VDOT coulomb testing evaluations, VDOT will now use electrical resistivity test as the initial indicator.

VIII. VRMCA/VDOT Materials Paving Update. Swope reported that at a meeting with VDOT earlier this year a document on concrete paving was agreed upon, but that subsequent to the agreement outside parties argued for higher minimum concrete thicknesses. The document is now being revisited prior to publication. Members discussed concrete thickness and stone base issues.

IX. Flyash Update. Wilson reported that a ruling is expected in late 2014.

X. Round Robin Testing. Kerr reported that the event with testing labs was held in Richmond in June of 2012. The results are available and will be published on the VRMCA website and possibly in the VRMCA newsletter.

XI. Mid Atlantic QA Workshop. Held February 5-7. Some discussion.

XII. Virginia Concrete Conference. Held March 7-8. Some discussion.

XIII. New Business. Members agree to ask VRMCA membership to submit topics for study by the Technical Committee.

XIV. Meeting Dates. VDOT Co-Op Meeting is July 30, 2013 at VCTIR in Charlottesville. Next Technical Committee meeting is July 24, 2013 in Richmond.

XV. Adjournment. Motion by Crenshaw, seconded by Swope. Adjourned at 12:07.