

George Kuhn

From: George Boykin <George.Boykin@easterassociates.com>
Sent: Tuesday, May 15, 2012 9:09 AM
To: George Kuhn
Subject: Technical Committee Meeting Minutes

Please review the minutes of the minutes. I will have to send the attachments to Charlottesville to be scanned in for distribution.

Technical Committee
Wednesday, April 11, 2012
10AM
The Place at Innsbrook
Richmond, VA

- I. Call to Order/Welcome.** Chair George Kuhn called the meeting to order at 10:06AM. Other members in attendance were: Brad Meyers, Swope & Associates; Bill Brooks, Grace; Chuck Starnes, F & R; Bob Neal, Lehigh Cement; Shelley Wright, Vulcan Materials; Kisia Kimmons, Roanoke Cement; Scott Manning, Powhatan Ready Mix; Darrell Wilson, Boral; Steve Kerr, Greenrock Materials. Keith Beazley, George Boykin, and Bob Nablo represented the staff.
- II. Anti-Trust Statement.** Kuhn asked that all read the Anti-Trust Statement and abide by it.
- III. Approval of the Agenda.** On a motion by Wilson and a second by Starnes the Agenda was approved unanimously.
- IV. Approval of the January 11, 2012 Minutes.** On a motion by Wilson and a second by Starnes the minutes were approved unanimously.
- V. Color Concrete Resource Document.** Nablo will check as to why it has not been placed on the website. He will also look at the need for adding/deleting/revision of the posted Technical Bulletins and having updated posting of meeting minutes, etc.
- VI. Update – A Proposal to VDOT on the Use of Mineral Fillers.** Vaughn reports that we are waiting for Larry Lundy to complete his review of the proposal.
- VII. VDOT Co-Op Meeting Action Items.**
 - a. Option Based Mix Designs – Kuhn and Neal met with VDOT and are waiting for their response.

- b. Drilled Shaft Special Provision – VDOT is working on several revision and will forward for review.
- c. Contractor QC – VDOT has pulled this portion out of the ERS.
- d. Shotcrete Special Provision – being revised by VDOT.
- e. Mass Concrete Special Provision – Celik Ozyildirim wants industry and VDOT to work on this item.
- f. Lightweight Concrete - It is still being looked at with an effort to have it meet all requirements for normal concrete except density and to use density in lieu of air.
- g. Concrete Patching – VDOT still revising and waiting for input from VRMCA.
- h. Plant and Truck Certifications – VDOT has included the option to use NRMCA Certifications for both. They are still revising Chapter IV of the Materials Division Manual of Instructions and will forward for review before publication.
- i. Sublot suggestions – Hank Keiper and Boykin are looking into how VDOT handles sublots for aggregates and asphalt.

VIII. New Business.

- a. VRMCA/VDOT Materials Paving Meeting – A subcommittee met with VDOT to discuss concrete paving of local streets and roads. This is still under discussion and the four attachments (Attachments I, II, III, and IV) submitted by Beazley will be reviewed.
- b. Lab Testing & Concrete Temperatures – Neal has looked at water demand change with temperature rise and finds that water demand increases 1.3 gallons for a 10 degree F temperature increase. Strength tests will be completed in about a month. He cautions that trial batches should be performed at approximately the temperatures that will be encountered during production.
- c. Neal will review and make changes to Technical Bulletin 6.
- d. Steve Kerr said the Central Virginia Council will conduct a strength test Round Robin.
- e. Neal will get with Larry Lundy about VDOT unit weight testing to determine acceptance limits.

f. Starnes reports that a lot of government contracts are requiring ACI Concrete Transportation Construction Inspector Certification as part of the prequalification process.

g. Bill Brooks asked that he be notified if anyone hears from VDOT any discussion of using N+Pet for admixture approval.

IX. Meeting Dates.

a. The next Technical Committee Meeting will be July 25, 2012, beginning at 10:00AM at The Place at Innsbruck.

b. The next VDOT Coop Meeting will be July 31, 2012, beginning at 10:00AM at the VCTIR Auditorium.

X. Adjournment. The meeting was adjourned at 12:25PM by Kuhn.

Respectfully submitted,

George W. Boykin

Attachments:

#1. Proposed Revisions to Current “2009 Pavement Design Guide For Subdivision and Secondary Roads in Virginia”

#2. 5F-1 Pavement Thickness Design Parameters

#3. 5F-3 Rigid Pavement Design Nomograph

#4. Proposed Revisions to Current “2009 Pavement Design Guide For Subdivision and Secondary Roads in Virginia”