



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE
GOVERNOR

EUGENE A. CONTI, JR.
SECRETARY

September 2, 2010

MEMO TO: Jay Bennett, Jonathan Bivens, Stuart Bourne, Ken Cates, Joe Coleman, Judith Corley-Lay, Ron Hancock, Berry Jenkins, Ben Lanier, Don Lee, Michael Manning, Gerhard Pilcher, Ian Scott, Lamar Sylvester, Michael Taylor, Kevin Thomas, Brian Webb, and Dennis Wofford

FROM: R. A. Garris, PE
Contract Officer

SUBJECT: AGC/Roadway Subcommittee Meeting

The subject committee met on August 19, 2010 at 9:30 a.m. in the Riverwood Conference Room at the Century Center with the following in attendance:

Victor Barbour, PE	Judith Corley-Lay, PhD, PE	Kevin Thomas
Jay Bennett, PE	Andy Gay, PE	Ted Sherrod, PE, CPESC, CPSWQ
Barney Blackburn, PE, CPESC, CPSWQ	Scott Hidden, PE	Lamar Sylvester, PE
Jonathan Bivens	Berry Jenkins	Michael Taylor
Terry Canales, PE	Ben Lanier	Brian Webb
Ken Cates	Michael Manning	Dennis Wofford

1. SAFETY FENCE AT WETLANDS AND BUFFER ZONES - FOLLOW UP

Mr. Ted Sherrod incorporated comments on the safety fence provision discussed in our June meeting. AGC members requested that safety fence use be minimized. The proposal presented uses safety fence on perimeter boundaries with tangential runs of flagging near designated boundaries including high quality water or riparian buffers. Staking and flagging is allowed on interior boundaries and on waste or borrow areas. Overhead vegetation flagging does not substitute for staking and flagging.

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2. EFFLUENT LIMITATION GUIDELINE UPDATE

Mr. Sherrod reported that EPA has requested an 18 month stay before the numeric limit portion of the guidelines (280 NTU) is implemented. February 2012 is the earliest anticipated date for numeric limits to impact NCDOT projects. EPA's non-numeric rules are expected to be incorporated into NC's General Construction Permit by August 2011. A 14 day groundcover requirement is anticipated during 2011 which will require a statutory change.

3. HB 1734 MINORITY WOMAN-OWNED BUSINESS

Ms. Terry Canales reported on House Bill 1734 approved by the Governor on August 2nd modifying N.C. General Statute 136-28.4. The bill changed the term "highway" to "transportation" and added the results of the 2009 Disparity Study. The definition of WBE changed to "a non-minority person born of the female gender" only. There will no longer be dual certifications for over 100 minority female owned firms. Those firms will now only be listed as MBE certified. A letter from the Contract Office will explain these changes.

The statewide directory for MBE/WBE will be changed to reflect the statute changes. Municipalities using the NCDOT database under the unified certification program should be notified as this change may affect their MBE/WBE programs.

4. BRIDGE APPROACH FILLS, ENGINEERING FABRICS AND EMBANKMENTS

Mr. Scott Hidden presented the updated *Engineering Fabric* provision. Silt fence typically meets both Class A and B; therefore, the elimination of Type 3, Class A fabric will not affect availability. The comment was made that every state seems to specify different types of fabric. Mr. Hidden responded that the intent of this update is to simplify and align these fabrics to AASHTO M-288. An interpretation of the current specification in the field sometimes requires all seams to be sewn. The provision will modify the specification to note seams are to be sewn when specified.

Mr. Hidden presented the revised *Bridge Approach Fill* provision. He was asked to replace the corrugated black slotted PVC pipe with a smooth slotted PVC pipe on reinforced bridge approach fill. **The provision conflicts with the plan but will override the plan.** A concern was raised that the pipe is not readily available with a suggestion to allow perforated Hi-Q® pipe, a high-density polyethylene slotted pipe with a smooth interior and corrugated outside wall. Mr. Hidden offered to review the suggested materials with input from Construction.

Mr. Hidden explained the *Embankment* provision changes to Section 235 of the *Standard Specifications* requiring a PI higher than 8 for A-2-5 and A-5 soils within 12" of subgrade. This requirement was previously made with a separate provision when material is not suitable for use.

Mr. Hidden asked the subcommittee if NCDOT needs to show undercut on profiles. The Contractors responded that they prefer that undercut be shown on the profiles.

5. ASB FOR SHOULDER RECONSTRUCTION

Mr. Lamar Sylvester reported that some divisions are using aggregate shoulder borrow (ASB) and with the upcoming environmental guidelines, other divisions may wish to take advantage of ASB. Aggregate is a non-erodible surface and therefore may avoid additional environmental measures required for erodible surfaces. This provision is only for resurfacing although a request to expand the use of ASB was made. Currently, recycled material is not allowed as ASB.

6. OTHER

Safety Edge – FHWA recommends that states use safety edge. Preliminary tests are being conducted by NCDOT. This is a possible topic for future presentation.

Borrow Pit Dewatering Basin – Members had several concerns about dewatering basin design. It was suggested that the true cost is not being captured and lump sum pricing would be better.

Fence Post – The term “brace” is used in the *Standard Specifications* for the 4x4 horizontal top post making it unclear if the post is paid as a post or paid as a brace. It is supposed to be paid as a post. This issue will be addressed in the next revision of the *Standard Specifications*.

Level Spreader – The *Standard Specifications* is not clear that berm ditch outlets, level spreaders, and concrete paved ditch are paid as paved ditch. This issue will be addressed in the next revision of the *Standard Specifications*.

NEXT MEETING

The next meeting will be held on **October 21, 2010 at 9:30 am in the Riverwood Conference Room**, Century Center, Building B. The last meeting for 2010 is scheduled for December 16.

C: Victor Barbour, PE