



**SCDOT/CAGC Bridge Subcommittee Meeting**

**August 17, 2011 Minutes**

**Attendees:**

Ted Geddis	HRI Bridge Co.
Richard Nickel	Carolina Bridge Co.
Troy Carter	Rea Contracting
Brian Heape	SCDOT
Marty McKee	Thrift Development
Ken Johnson	FHWA
Doug McClure	SCDOT
David Rister	SCDOT
Bill Mattison	SCDOT
Barry Bowers	SCDOT
Leslie Hope	CAGC
Danny Shealy	CAGC

**OLD BUSINESS**

**Prompt Payment**

Discussion: Special Provision for Prompt Payment was submitted to SCDOT by the CAGC for review of suggested changes.

Action: Provision has been submitted to FHWA for review and approval. Update to be provided at the Joint Committee meeting.

## **NEW BUSINESS**

### **Concrete Plant Specific Mixes**

Discussion: Concrete Plants have approved mix designs for each class of concrete and are not job specific but plant specific mixes. This could reduce sampling frequency by DOT and allow switching plants by contractors if a plant breaks down or cannot supply the mix an appropriate time. Also have concrete plant hot and cold pouring plans on the internet in lieu of each project file. See attached information sent to the Office of Materials and Research.

Action: Referred to the Supplier subcommittee and the Concrete Quality Improvement Committee for further investigation and recommendation.

### **Clarification of Concrete Final Finish**

Discussion: Specification for the concrete finish coat is outdated. The 55 SF/gal specifications may or may not be appropriate as an application rate for a particular coating.

Action: Application rate should follow manufacturer's recommendation for smooth finish of uniform color, coverage and texture. Make sure the product is on the QPL.

### **Design Build Website**

Discussion: The SCDOT website for design build projects is current and shows a tentative list of projects. Some of the projects may be pushed out due to cash flow.

Action: Monitor the website to see when the projects will be advertised.

### **Railroad Liability Insurance**

Discussion: Paving contractors were not familiar with the process for obtaining R/R insurance. Utility subcommittee is working on this issue and the CAGC will facilitate providing information to contractors as to who to contact to obtain insurance. Information on the railroad crossings will be provided in the contracts.

Action: CAGC will provide information to contractors.

### **Contractor Status**

Discussion: Status chart was passed around for review. The chart showed that 74% of the projects are on time, 10% of the projects are between 10 and 25% behind schedule and 16% of the project were over 25% behind.

Action: Work on getting all projects on schedule.

### **Anchor Bolts at Integral End Bents**

Discussion: SCDOT asked the contractors if anchor bolts were needed on the end bents to help with the erection of beams. Contractors stated that they didn't need anchor bolts unless the bridge was on a steep grade, then the anchor bolts would help hold the beams in place as the other spans were set.

Action: SCDOT is considering the elimination of anchor bolts at integral end bents. SCDOT plans to begin allowing steel diaphragms in late 2011, which will facilitate the erection process.

### **OTHER BUSINESS**

There was some discussion on CSX railroad requiring 150% lift capacity on all elements of bridge construction around a railroad. This would be required for pile driving, rip-rap, pier and cap construction and all elements in bridge construction.

Action: SCDOT will check internally about this requirement.

Next Meeting: October 19, 2011