



**SCDOT/CAGC Bridge Subcommittee Meeting**

**October 19, 2011 Minutes**

Attendees:

Ted Geddis	HRI Bridge Co.
Richard Nickel	Carolina Bridge Co.
Troy Carter	Rea Contracting
Brian Heape	SCDOT District 7
Doug McClure	SCDOT
David Rister	SCDOT
Bill Mattison	SCDOT
Barry Bowers	SCDOT
Sonny DuPre	Cape Romain Contractors
Wayne Whiting	United Contractors, LLC
Bart Dominick	SCDOT
Luke Gibson	SCDOT
Lee Neighbors	SCDOT District 2
Ron Shaw	Lee Construction Co. of the Carolinas
Danny Shealy	CAGC

## **OLD BUSINESS**

### **Concrete Plant Specific Mixes**

This item was referred to the Concrete Quality Improvement committee and they discussed a plan of action at their last meeting. A task force was formed to investigate the feasibility of plant specific mix designs. There are some concerns about using two different companies because of compatibility issues on some of the materials such as admixtures. Task force will make some recommendations on how and when different plants can be used. Richard Nickel is the Bridge Committee member on the task force.

### **Prompt Payment Clause**

Final version of the prompt payment clause was distributed to everyone. Copy can be found on the SCDOT website with the DOT/AGC Joint committee minutes for September 2011.

[http://www.scdot.org/doing/AGC\\_meeting.shtml](http://www.scdot.org/doing/AGC_meeting.shtml)

### **Contractor Status**

The contractor status chart was distributed to everyone and discussed. CPM schedules need to be kept up to date to reflect accurate completion dates and projected payouts. This can also be found on the SCDOT website shown above.

## **NEW BUSINESS**

### **Profilograph and how it works**

Several surveys conducted by the SCDOT revealed that there are numerous reasons why contractors are having trouble meeting the profilograph testing such as workmanship, equipment, screed rails etc.

Representatives from the research and materials lab explained how the California profilograph worked. It measures bumps and dips to the thousandths. It is based on a 25 foot cord length. The 25 foot cord length is generated by a computer program over the profile established from the measurements. The California profilograph is much more sensitive than the old Rainehart machine. Surface texture is filtered out by the software program.

Suggestions to help meet the specification were: Use a 20 to 25 foot straight edge to identify areas that need correcting, make multiple dry runs with the screed to insure the rails are set correctly and be careful when correcting areas such as bumps and not grind them to low and create a worse problem on meeting the spec.

### **Payment Approval Chart**

The payment approval chart was distributed and discussed showing the timeline for which SCDOT is able to make contractor payments. At present, it is taking about 60 days for contractors to receive payment. They hope to be back to their normal payment timeframe by the end of November.

### **CPM Schedules in assisting SCDOT in payment process**

Contractors need to keep their schedules up to date and cash flow projects accurate for SCDOT to manage cash flow.

### **Utility Locates**

SC811 gave a presentation at the September Joint committee meeting and this can be found on the SCDOT website above. It explains how contractors need to submit locates for utilities and particularly about how to mark where advanced construction signs are located so the utilities will only have to be marked at these specific locations in lieu of the entire distance. The presentation can be found on the SCDOT website above.

### **Steel Cross frame details for Prestressed Concrete beams**

A draft set of details for steel channel and cross frame members were distributed to the group. This will allow contractors to use steel in lieu of the poured concrete diaphragms. Contractors to give comments back to Barry Bowers by November 9<sup>th</sup>. [bowersbw@scdot.org](mailto:bowersbw@scdot.org)

### **QPL 60**

QPL 60 has been updated to show the approved reinforcing steel suppliers and their appropriate markings on the rebar. This should be checked before samples are submitted to the lab for testing.

## **OTHER BUSINESS**

### **Research Projects**

A list of approved research projects was distributed for everyone to review. There are several bridge related research projects on the list and a contractor representative will be asked to participate on the task force. The list can be viewed on the SCDOT website shown above.

### **Tentative Let List**

SCDOT will check and see if the tentative let list can be put on the website by the end of the year.

Next Meeting: December 14, 2011