



## Bridge Subcommittee Minutes

December 18, 2013

### Attending:

Wayne Whiting  
Ted Geddis  
Sonny DuPre  
Walter Dierlein  
Richard Nickel  
Drew McCaffrey  
David Rister  
Doug McClure

### Old Business:

Rebar tying machine was discussed and Sonny has offered the person who has been calling an opportunity to test it on one of his jobs.

Welded Studs - there have been a couple of recent projects where shear studs were field applied. It is the Department's preference to have them shop applied. SC OSHA allows for the shear studs to be shop applied provided fall protection is installed prior to the beam being set. If somebody needs the department to provide a fabricator with something stating this preference they are willing to do so.

Flat Slab Forms - there are a few upcoming flat slab projects in Aiken that will require the crest of the vertical curve to be in the middle of the center span. There was a lot of discussion about these projects. The consensus was it can be done but will be more expensive than a traditional flat slab due to custom form work being needed. Discussion was also had about vertical clearance needed over a railroad track for falsework. Several design options were also discussed.

### Old business -

PVC vs fiberglass drain systems - a short discussion was had to see if the department's position had changed on allowing PVC drain systems. Fiberglass is still what will be required.

1" rebar chairs - By accident it was proven that the 1" rebar chairs with a solid bottom runner do allow flow of concrete around them. Therefore they are acceptable.

In water moratorium - discussion was had about in water work moratoriums and contractor's desire for a uniform interpretation. We also asked for guidance if spudding of barges is an allowed activity during moratoriums.

#### Additional business

Spring bridge packages - this spring several bridge packages will be released. They will consist of groups of small bridges. Currently they will be a total of 90 bridges for a total of \$50 million.

10 week bridge - the department still plans to proceed with the bridge that needs to be replaced in 10 weeks. This is the one information was sent out on a couple of weeks ago. It is a 3 span concrete girder bridge on drill shafts. The department was encouraged to have a DBE goal of 0% so that if desired the low contractor could self-perform all or most of the work. The contractors also recommended that the project be let well in advance (at least 6 months) of the closure date.

Next Meeting: February 19, 2014