

NC DOT / PCI Meeting

May 17, 2005

Attendees – See Attached List

Presentation – There was no presentation

A discussion was held on the research project for the deck bulb-tee girder project in Stanly County. UNC-Charlotte will do a review of the project analyzing and critiquing the entire process including the following:

- I. Design and detailing
- II. Girder fabrication
- III. Hauling including the permitting process
- IV. Installation at the jobsite
- V. Load testing the completed structure

Minutes from the February 16th Meeting – Drain holes will be allowed for the voids in box beams. This will also be allowed retroactively for existing projects.

Technical Committee Meeting – A meeting of the Technical Committee was not held.

Meeting Dates – It was decided to move the meeting dates to the 3rd Wednesday of the 2nd month of each quarter. All meetings will start at 1:30 unless otherwise stated.

PCI Plant Inspections – PCI will contact NC DOT before the next round of plant inspection so the Department can witness some of the inspection. This is in order for the Department to get a feel for what is involved in these inspections with an eye to requiring plants to be PCI certified.

Permits – PCI distributed a memo that expressed their concerns over the permitting process for long/overweight loads. Structure Design and Construction will get with the Permits Unit to discuss this with them. A meeting may be set up with the Industry, Structure Design, Construction, Permits, and the Highway Patrol to get everyone on the same page.

Self-Consolidating Concrete - A revised spec was distributed.

Transportation Improvement Plan (TIP) - A new TIP is scheduled to be approved in July. It has about a \$650 million/year program scheduled for the next three years. This is down significantly from previous years. As always, the 12-month letting schedule is on the Project Services web page. Significant projects include:

Oregon Inlet – Not currently scheduled but probably 4 to 5 years out.

Sunset Beach – Scheduled for December '06.

Bridge replacement projects will be a major portion of the lettings.

Cracking of Acute Corners of Cored Slabs - Referred to Technical Committee

Number of Strands in Cored Slabs - Structure Design was asked to look at the number of strands they design in their cored slabs. South Carolina seems to use fewer strands for similar span lengths.

Ends of Voids in Box Beams - Structure Design asked for comments from the Industry as to whether they preferred void ends to be parallel to the center-line or along the skew of skewed box beams.

Self-Consolidating Concrete Seminar - The industry asked about the possibility of a multi-state conference on SCC. The Department is generally receptive to the idea, but is under severe constraints on out-of-state travel.

PCI Convention - Again, the Department is under severe constraints on out-of-state travel. This even applies if the Department does not pay for the travel.

Next Meeting – Wednesday, August 17th, 2005 at 1:30 in the Material and Tests Conference Room
Wednesday, November 16th, 2005 at 1:30 in the Material and Tests Conference Room

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