

NC DOT / PCI Meeting Minutes

March 21st, 2007

Attendees – See Attached List

Presentation - None

Future Projects - Projects with significant amounts of prestressed concrete were discussed:

Second Oak Island Bridge – Will probably be let in May. The bridge is 5 spans: 2 end spans of modified bulb-tees and a 3-span spliced haunched girder unit.

Craven County Bascule Bridge. – Was let in February. This bridge is on the edge of downtown New Bern and will have prestressed girder approaches.

Sunset Beach – Scheduled for the July letting. This bridge will also have a 3 span spliced haunched girder unit with Type IV approaches.

Ocracoke Island – To be let in July – Proposals go out in May for an 8-week advertisement. This project consists of 6 small bridge replacements (cored slabs) on NC 12. The road can only be closed for 75 days

Oregon Inlet - The Bonner Bridge over the Oregon Inlet is scheduled for a rehab project in early '08 but this project will not include any precast/prestressed. There is still no decision on the length of the replacement bridge.

It was also noted that the North Carolina Toll Authority is planning a design/build project for the Western Wake Expressway. It may be let as early June and will include multiple bridges including one railroad bridge. Actual construction will start sometime around a year after the project is let. The Authority is also considering design-build projects for the Monroe Bypass and the Northern Currituck Sound Bridge.

Technical Committee Meeting – A technical committee meeting will be held before the next full meeting. Topics include design of precast barrier rail, alternatives to haunched girders and repair of web splits. (Minutes of the May 8th, 2007 are attached)

PCI Plant Certification – The project special provision requiring producers to be PCI Certified will be included in all projects let in June and after.

Full-Depth/Full-Width Deck Slabs – The Martin County Deck Slab project is under construction. The steel beams have been set but the fabrication of the slabs (at Standard Concrete) has not yet started.

Box Beam Shear Keys – With current details, the shear keys on Box Beams vary in size with the depth of the Box Beam. The industry says that a constant size shear key in all sizes of Box Beams will simplify fabrication and provide a cost savings. One thought is to only require deeper keys around the transverse strand locations.

2007 PCI Conference – A Call-for-Papers has gone out for the 2007 PCI Conference. Also requests for nominations for the PCI Design Awards.

PCI Aspire Magazine – The first copy is out. This publication will focus on bridge construction projects. Peter will make sure all committee attendees receive a subscription.

Future Meetings - July 18, 2007

November 14, 2007

NAME	COMPANY / UNIT	PHONE	FAX	ADDRESS	CITY	EMAIL
Reid Castrodale	Carolina Stalite Company Georgia/Carolinas PCI	704-637-1515	704-642-1572	P.O. Box 1037	Salisbury, NC 28145	rcastrsdale@stalite.com
Jack Cowsert	NC DOT - Materials & Tests	919-733-7411	919-733-8742	1801 Blue Ridge Road	Raleigh, NC 27607	jcowsert@dot.state.nc.us
Peter Finsen	Georgia/Carolinas PCI	678-638-6220	678-638-6221	One Glenlake Parkway Suite 700	Atlanta, GA 30328	peter.finsen@gcpci.org
David Greene	NC DOT – Materials & Tests	919-733-7091	919-733-8742	1801 Blue Ridge Road	Raleigh, NC 27607	dgreene@dot.state.nc.us
Ron Hancock	NC DOT- Construction	919-733-2210	919-7338441	1543 Mail Service Center	Raleigh, NC 27699-1543	rhancock@dot.state.nc.us
Tom Koch	NC DOT - Structure Design	919-250-4048	919-250-4082	1581 Mail Service Center	Raleigh, NC 27699-1581	tkoch@dot.state.nc.us
Trudy Mullins	NC DOT - Materials & Tests	919-715-1746 Ext. 202	919-715-1760	2413 Crabtree Bulavard Suite 110	Raleigh, NC 27502	tmullins@dot.state.nc.us
Greg Perfetti	NC DOT- Structure Design	919-250-4037	919-250-4082	1581 Mail Service Center	Raleigh, NC 27699-1581	gperfetti@dot.state.nc.us
Tim Sherrill	NC DOT - Structure Design	919-250-4047	919-250-4082	1581 Mail Service Center	Raleigh, NC 27699-1581	tmsherrill@dot.state.nc.us
Jeff White	Prestress Of The Carolinas	704-395-3218 704-309-4146	704-392-5464	P.O. Box 35369	Charlotte, NC 28235	jeff.white@reacontract.com