

NC DOT / PCI Meeting

February 16, 2005

Attendees – See Attached List

Presentation – None

Minutes From The November 18, 2004 Meeting – No Comments

Technical Committee Meeting (January 6th, 2005) – See attached minutes. The following comments were made:

- Structure Design has finalized a Project Special Provision for SIP Clips
- M&T has witnessed favorable results with a producer placing the voids in the forms of box beams prior to concrete placement and using vertical holes through the voids to allow vibrators to be placed into them to consolidate the concrete. Structure Design will remove the language in the current provisions that prohibits these holes. Structure Design will also look at the possible need for vent drains.
- There was considerable discussion on debonding for web-splitting. Some in the industry feel that the current requirements of the Standard Specifications (50% debond) may be too much for bulb-tees and may not meet LRFD and shear capacity requirements. However Structure Design is comfortable with the spec for the time being.
- The industry expressed continuing concern over crack width and how to seal and/or repair. Is there a minimum width where no action is necessary? At what width is sealing necessary? When is injection required? Are other repair materials acceptable besides epoxy – silane? It was agreed this issue would be forwarded to the technical committee.
- The Industry inquired about the process Structure Design uses to determine the strand pattern of girders, especially bulb-tees. The producers would like Structure Design to look at both draped and straight debonded patterns.

Deck Bulb-Tee Girders – The Department is extremely interested in letting a project with deck bulb-tee girders. Structure Design will work closely with the Industry on the details.

Hauling Permit Difficulties – There is considerable confusing in the Industry about what the hauling limits are for prestressed girders. In addition, the picture is not much clearer within the Department. Structure Design will make informal contacts with the Chief Engineer and the Permits Unit to try to get a handle on the situation. The Industry proposes a possible meeting with the Permits Unit, Structure Design, the High Patrol and the trucking companies.

Oregon Inlet Bridge – There has been no determination yet as to what type and length of bridge.

It was decided there would not be a PCI seminar this fall.

The next meeting is scheduled for May 17, 2005 at 1:30 in the M&T Conference Room.

The following two meetings are scheduled as follows:

Aug 16, 2005

Nov 15, 2005

NAME	COMPANY / UNIT	PHONE	FAX	ADDRESS	CITY	EMAIL
Reid Castrodale	Ralph Whitehead Assoc. Georgia/Carolinas PCI	704-372-1885	704-372-3393	1000 West Morehead Suite 200	Charlotte, NC 28208	reid.castrodale@rwhitehead.com
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
Lee Holland	W. R. Grace	904-247-7861	954-301-3814	2340 W. Oceanforest Drive	Atlantic Beach, FL 32233	lee.holland@grace.com
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Rick Lakata	NC DOT Research & Development	919-715-2464	919-715-0137	1549 Mail Service Center	Raleigh, NC 27699-1549	rjlakata@dot.state.nc.us
Paul Lambert	NC DOT - Structure Design	919-250-4041	919-250-4082	1581 Mail Service Center	Raleigh, NC 27699-1581	plambert@dot.state.nc.us
Trudy Mullins	NC DOT - Materials & Tests	919-715-1746 Ext. 202	919-715-1760	2413 Crabtree Boulevard Suite 110	Raleigh, NC 27502	tmullins@dot.state.nc.us
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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
Richard Potts	Standard Concrete Products	912-233-8263	912-236-4639	P. O. Box 5007	Savannah, GA 31414	rpotts@standardconcrete.org
Michael Robinson	Carolina Stalite Co.	919-787-8415	919-787-8415	4520-102 Baymar Drive	Raleigh, NC 27612	gmikerobinson@aol.com
Chad Saunders	Bayshore Concrete Products	757-331-2300	757-331-2501	P.O. Box 230	Cape Charles, VA 23310	csaunders@bcpcorp.com
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
Kristin Thibodeaux	Lafarge North America	404-312-2617	919-791-1796	5810-733 Waterford Valley Crescent	Raleigh, NC 27612	kristin.thibodeaux@lafarge-na.com
Jeff White	Prestress Of The Carolinas	704-553-6535 704-309-4146	704-553-6598	6135 Park South Drive, Suite 400	Charlotte, NC 28210	jwhite@reaconst.com