

**ASCE-INDOT
STRUCTURAL SUBCOMMITTEE
MEETING NO. 49 MINUTES
October 6, 2010**

The meeting was called to order at 9:15 am by Steve Weintraut. Those in attendance were:

Randy Strain	INDOT, Structural Services
Jim Reilman	INDOT, Construction Management
Tony Uremovich	INDOT, Structural Services
Bill Dittrich	INDOT, Program Development
Keith Hoernschmeyer	Federal Highway Administration
Mike Wenning	American Structurepoint, Inc.
Burleigh Law	HNTB Corp.
Tyler Wolf	Beam Longest & Neff, LLC.
Troy Jessup	R. W. Armstrong
Celeste Spaans	Prestress Services, Inc.
Jason Yeager	Gohman Asphalt Company
Steve Weintraut	Butler, Fairman and Seufert, Inc.
Michael Eichenauer	Butler, Fairman and Seufert, Inc.

In addition to the attendees, these minutes will be sent to the following:

Anne Rearick	INDOT, Structural Services
Ron McCaslin	INDOT, Structural Services
Brian Harvey	INDOT, Program Development
Tony Zander	INDOT, Materials and Tests Division
Mike McCool	Beam Longest & Neff, LLC.
Mike Halterman	USI Consultants, Inc.
Don Bosse	Prestress Services, Inc.

A meeting agenda had previously been distributed and the following items were discussed:

1. The July 8, 2010, meeting minutes were approved as written, and have been placed on the INDOT website.
2. Tony Zander was not present to discuss semi-light weight concrete. There is a recurring special provision. Jim recommends that Celeste make comments on the special provision and pass along to Tony Zander, Tony Uremovich, Anne Rearick, and Scott Trammell.
3. Tony was not present to discuss self consolidating concrete. There is no recurring special provision. Keith will provide specs from other states to distribute to the group for review.
4. No memo will distributed concerning reinforcing steel spacing in concrete. The new deck design manual is anticipated to be on the street by January and will address this topic.
5. Randy stated that the Bridge Design Conference needs more topics on steel design. Randy will talk to Anne to provide a summary of the conference rating forms. The

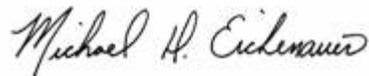
forms will be used for ideas for next year. Anyone who wants to volunteer for the subcommittee for next year should email Steve.

6. Tyler spoke on behalf of Mike McCool. Mike has contacted Robert Frosch concerning the 401 bar. Mike will send two details to PSI (3D bar and a bar with 90° hook) to determine the cost difference. If cost difference is small, no action may be necessary to modify the 401 bar. If cost difference is significant, additional study may need to be done to look at other options such as a plate or a button.
7. Anne was not present to discuss welded wire reinforcement in bridge decks. Randy stated he believes Anne is allowing it on the Toll Road. PSI stated that they would prefer to have welded wire reinforcement as an option, not a requirement. The group would like INDOT to issue a memo stating that welded wire reinforcement will be an option in all structural members.
8. The group decided to omit or not require the listing of strength requirements for concrete beams. Designers should design beams through acceptable engineering practices and call precast manufacturers if higher strengths are needed.
9. Troy will discuss with Anne to allow the group to review and comment on each chapter in the new Design Manual Rewrite.
10. New business discussed post tensioning, special provision for high strength concrete, RCBA skewed ends and modifying width to match current designs, and MSE Walls. It was pointed out that on the box beam details, the chamfer dimensions do not add up.

The next meeting for the INDOT Structural Subcommittee is scheduled for 9:00 am on January 13, 2011, in a room to be determined.

This meeting was adjourned at 11:45 a.m.

Respectfully submitted,
BUTLER, FAIRMAN and SEUFERT, INC.



Michael Eichenauer, P.E.
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