

**ASCE – INDOT STRUCTURAL COMMITTEE
MEETING NO. 69 MINUTES**

September 24, 2015 9:30 am, INDOT Room N642

The meeting was called to order at 9:30 a.m. by Mike McCool. Those in attendance were:

Anne Rearick	INDOT, Bridge Division
Jeremy Hunter	INDOT, Bridge Division
Stephanie Wagner	INDOT, Bridge Division
Mike Wenning	GAI Consultants, Inc.
Mike McCool	Beam Longest & Neff, LLC.
Seth Schickel	HNTB Corp.
Kurt Heidenreich	Engineering Resources, Inc.
Mike Halterman	USI Consultants, Inc.
Pete White	CHA, Inc.
Michael Eichenauer	Butler, Fairman and Seufert, Inc.
Jason Yeager	E&B Paving, Inc.
Bob Agee	E&B Paving, Inc.
Matt Shergalis	National Steel Bridge Alliance

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

Elizabeth Phillips	INDOT, Bridge Division
Greg Pankow	INDOT, Construction Management
Celeste Spaans	Prestress Services, Inc.
Burleigh Law	HNTB Corp.
Tony Zander	INDOT, Highway Management Division
Jim Reilman	INDOT, Construction Management
Mahmoud Hailat	INDOT, Bridge Division
Ben Borcharding	American Structurepoint, Inc.
Keith Hoernschmeyer	Federal Highway Administration

1. Review and approve Meeting 67 and 68 minutes.
 - Meeting 68 minutes were approved.
2. PTFE Design Requirement (Eichenauer, McCool)
 - Details were reviewed. Pass to Ms. Phillips to incorporate.
3. Prestressed Beam Camber (Heidenreich, McCool, Hailat, Halterman, Spaans)
 - Suggest adding shim pack equal to 25%± of the anticipated camber.
 - Mr. Heidenreich to send proposed verbiage to committee for review.
4. Asymmetrical Barriers (White, Wenning, Law)
 - Mr. White working on calculations.

5. Continuity of Prestress Concrete Beams (Heidenreich, McCool, Hailat, Hunter, Phillips)
 - Consider pouring internal diaphragms first so they will be in compression after pouring the deck.
 - Possibly limit this to 25° skewes.
 - Will investigate design changes.
6. Law Email (Phillips)
 - tabled
7. Overlay Dams (Wagner, Hunter, McCool)
 - Forward to Ms. Phillips.
8. Construction Loading Design Checks for deck replacements (McCool, Wagner)
 - Make checks mandatory for steel structures.
 - Check for overhangs due to phasing also.
 - Mr. McCool to rework note.
9. Snow Plow Protectors (McCool) (attached)
 - Do not proceed with this.
10. NEXT Beams (McCool) (attached)
 - Will try to find an application for this.
 - Folded steel plate girder system is another steel alternate, although it is sole source.
11. Expansion Joints Options (Hunter, White, Wagner, Eichenauer)
 - Currently focusing on terminal joint locations.
 - Possible application for foam joints.
 - Considering BS and alternate SS joints as well.
12. Deck Pan Details (McCool, Heidenreich, Borcharding)
 - Tabled
13. General Notes Sheet (McCool, Schickel, Phillips, Wenning)
 - Tabled
14. Mobile Impact Attenuator Spec (Hunter)
 - Completed.
15. Terminal Joint Details (Hunter, White, Borcharding)
 - Tabled

16. Hydro-demolition (Wagner, Wenning, Heidenreich, Yeager)
- Costs have risen recently.
 - Water treatment costs incurred now. Is this due to IDEM? Check with Greg Pankow
 - Additional overlay quantities with hydrodemolition are closer to 1 CYD per 35 SYS of deck area than the equations in the IDM.
17. New Business
- Friction piles – Is it appropriate to use reduction factor for 4 or fewer piles? (Eichenauer)
 - Integral End Bent height limits. – Agreed that 6' was a practical maximum.
 - Life-Cycle Cost (Hunter) Develop parameters for use within Indiana.
 - INDOT Bridge Conference – The February date has not been confirmed. Committee to begin developing program.
18. Recurring Business
- Software Practice Pointer Updates (McCool, Phillips)
Standards Committee Updates (Phillips)
Overlay Types (Hunter)
- Parking Lot
- Concrete mix designs
Long term deflections in prestressed beams
WWF in prestressed beams
Special provision for high strength concrete
Mild reinforcement in prestressed beams (particularly 401 bars)
Post Tensioning Specs

The next meeting for the INDOT Structural Committee is scheduled for 9:00 a.m. on December 10, 2015, in room N642. Mike McCool will distribute an agenda prior to the meeting. This meeting was adjourned at 11:30 a.m.

Respectfully submitted,



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