

**ASCE-INDOT
STRUCTURAL SUBCOMMITTEE
MEETING NO. 52 MINUTES
July 7, 2011**

The meeting was called to order at 2:05 p.m. by Steve Weintraut. Those in attendance were:

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| Randy Strain | INDOT, Structural Services |
| Tony Uremovich | INDOT, Structural Services |
| Mike Wenning | American Structurepoint, Inc. |
| Mike McCool | Beam Longest & Neff, LLC. |
| Pete White | R. W. Armstrong |
| Celeste Spaans | Prestress Services, Inc. |
| Mike Halterman | USI Consultants, Inc. |
| Steve Weintraut | Butler, Fairman and Seufert, Inc. |

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

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| Anne Rearick | INDOT, Structural Services |
| Ron McCaslin | INDOT, Structural Services |
| Tony Zander | INDOT, Materials and Tests Division |
| Bill Dittrich | INDOT, Program Development |
| Jim Reilman | INDOT, Construction Management |
| Brian Harvey | INDOT, Program Development |
| Jason Yeager | Gohman Asphalt Company |
| Burleigh Law | HNTB Corp. |
| Keith Hoernschmeyer | Federal Highway Administration |

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

1. The April 19, 2011, meeting minutes were approved as written, and have been placed on the INDOT website.
2. Randy Strain reported that INDOT has concerns about the usage of the current semi-light weight concrete specification. INDOT is investigating the development of a full lightweight concrete specification that could be used for any structural component including beams, decks and railings. The specification will likely call for a 110 – 115 pcf wet concrete weight. This will be submitted to the Standards Committee at their August meeting. If approved, INDOT would like the Structural Committee to assist in developing criteria for the cost-effective use of this material.
3. The Bridge Design Conference will be held on July 26 in Conference Room B in the South Government Building. The Committee has developed an agenda which was discussed. Topics will include INDOT updates, Crack Control, Shop Drawing Review, Integral End Bent Design, Drilled Shaft Design and Elastomeric Bearing Pad Design. The final session of the day will be an open panel discussion. An email will be sent to the design community soliciting questions for the panel.

4. A research proposal for the determination of mild reinforcement requirements in prestressed beams will be developed by Mike McCool. It will be presented at the next committee meeting for comments.
5. Specifications for the use of WWF in precast beams was being developed by INDOT. Concerns were raised by some individuals about possible strength loss during the hot dipped galvanizing process. These concerns are being addressed. Once they are resolved the specification will be submitted to the Standards Committee for approval.
6. Developing special provisions for Post Tensioning is being tabled until such time as resources can be allocated at INDOT to proceed.
7. Developing special provisions for High Strength Concrete is being tabled until such time as resources can be allocated at INDOT to proceed.
8. Articulated mats are being required by permitting agencies on more projects recently. Jim Reilman was not present to discuss this issue.
9. The issue of confusion between H and H' for MSE wall heights was not discussed but will be brought up again at the next meeting. It was noted that MSE walls are now in section 731 of the Standard Specifications.
10. The thickness of polystyrene at the piers is shown matching the height of the bearings in the figures in Chapter 63 of the IDM. These figures only show sections through the bearings. Although not shown in the figures, it is the consensus of the committee that 1/2" minimum polystyrene can be used under the diaphragms in areas outside of the beam.
11. Steve Weintraut presented a letter from his insurance carrier stating that project specific insurance could be obtained for up to a 10 year limit. Increasing from 5 to 10 years would increase the cost approximately 15%. This may be something INDOT may want to try on future projects. The information will be passed along to the appropriate people.
12. There was no new business to discuss. Steve asked that he be sent any new topics for discussion prior to the next meeting.

The next meeting for the INDOT Structural Subcommittee is scheduled for 9:00 a.m. on October 13, 2011, in room N642 of the IGCN.

This meeting was adjourned at 3:30 p.m.

Respectfully submitted,
American Structurepoint, Inc.



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