

ASCE-INDOT Structure Committee

ASCE-INDOT Structure Committee Meetings

To submit an item for committee consideration, please contact:

Anne Rearick
 Director of Bridges
arearick@indot.in.gov or

Michael McCool
 Beam, Longest and Neff, LLC
mmccool@b-l-n.com

- [Order of Operations](#)
- [Committee Members](#)
- [Meeting Minutes](#)

<http://www.in.gov/dot/div/contracts/standards/bridges/bridges.html>



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Committee Items

- Bridge Design Conference
- IDM Updates and Design Memos
- Bridge Design Practice Pointers
 - On INDOT's Webpage

INDOT Bridge Design Practice Pointers

The following information was compiled by the ASCE-INDOT Structures Committee to raise awareness regarding bridge design software idiosyncrasies and bridge detailing practices. The list is not all inclusive and intended only as a useful tool for designers. Some information may no longer be applicable as new versions of software are released. Indiana Design Manual (IDM) and AASHTO LRFD Bridge Design Specifications (LRFD) references have been added for convenience to identify how the software affects design requirements. Where no reference is given the information is a preferred common practice or corrections to computer program glitches.

Please contact any INDOT or Consultant [ASCE-INDOT Structures Committee member](#) with comments and suggestions.



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Committee Items

- Bridge Design Practice Pointers
 - Concrete Patching – USP
 - Deck Pan Details – Spec Change
 - Overlay Types – USP's and Bidding Instructions
 - Bridge Deck Overhang Design



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Committee Items

- Presented at Design Conference
 - Expansion Joint Options
 - Asymmetrical Barriers
 - Link Slab Design
 - Concrete Patching
 - Rocker Bearings



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Additional Working Committee Items

- Expansion Joint Options
 - Investigation of new joint alternatives
- General Notes Sheet
 - Developing a standard notes sheet for the bridge plan set
- Life-Cycle Cost
 - Develop parameters to use in Indiana



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Additional Working Committee Items

- Link Slabs
 - Design and details
- Approach Slabs
 - Details for wide skewed structures
- High Early Strength Concrete
 - Specifications and application
- Pile Design for 3-Sided Structures
 - Procedure



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Additional Working Committee Items

- Bridge Deck Overhang Design
 - Review Purdue's Research
- Semi-Integral End Bent Details
 - Revise details for new construction and rehabilitation
- Research Needs
 - Assist INDOT in identification of research projects

