

KYTC Division of Structural Design/ACEC-KY Bridge Subcommittee Partnering Meeting

August 12, 2015, 10:00 AM – 12:00 PM

Minutes

These minutes provide an outline of discussions at the Division of Structural Design and ACEC Bridge Sub-Committee partnering meeting held at the Transportation Cabinet Office Building. Those in attendance were:

Mark Hite	Division of Structural Design (DOSD)
Bill McKinney	Division of Structural Design
Joseph Van Zee	Division of Structural Design
Carl Van Zee	Division of Structural Design
Doug Burton	Lochner
Derek Barnes	Parsons
John Broadus	HDR
David Depp	Johnson, Depp & Quisenberry
Scott Ribble	Burgess & Niple
Daryl Carter	Stantec

Discussion topics included:

1. Stage 2 Final plans

- 1 combined pdf (no individual pdfs) with each sheet index with bookmarks
 - Per CAD Standards Policy, revised 10/16/14
 - DOSD to provide example if needed
- Full size 22x36 (Stage 2 only)
 - Prior submittals can be 11x17
- Closeout form (excel file)
- Include all dgns
- No text file index

2. Construction Revisions

- 1 sheet for each construction revision (not the entire plan set)

3. 2015 LRFD Interims – splice/development lengths

- DOSD recommends continuing to use pre-interim development lengths and the Class C splice until interims are incorporated into the new edition.

4. Design Manual

- ACEC to review current draft of the manual
- ACEC to work on updating based on latest AASHTO
 - Interims incorporated once they are adopted into new edition
- Draft to be submitted to DOSD for review

5. 2015 LRFD Interims – seismic connection for piers

- DOSD uses standard dowels but also sizes for load if needed (2 span example)

6. 2015 LRFD Interims – seismic live load

- Zero for most bridges
- Use engineering judgment, LRFD guidance, and discussion with DOSD during the design phase for larger bridges

7. Bearing pads for Prestressed Beams

- DOSD recommends use of standard pads even if $(S_i)^2/n$ limit (14.7.6.1) is not met
- DOSD recommends using 2 pads (or providing site specific designed pads) if loads exceed that listed in standard drawings

8. Friction pile base sheet (answered via email by Geotechnical Branch)

- Potential confusion due to listing of tons and kips
 - Kips to be eliminated in base sheet update

9. 25% LL factor – 125% HL-93 Live Load

- Discussed potential for reducing or eliminating 25% increase for off-system bridges
 - DOSD recommends continued use for all bridges
- Load rating truck (Type 1 - 44 tons with 2 axle) requires posting of some new bridges
 - Potentially could result in an increase in LL factor in the future

10. As-Builts

- Common storage location may be difficult due to Oracle/BrM conflict
 - ACEC to discuss further with Division of Maintenance
- ACEC will develop a standard hold payment note to ensure contractor submits
 - Note needs to be approved by Division of Construction since they're responsible for enforcement

11. Shop drawing payment – Cost Plus

- How to get paid if design contract is closed
 - DOSD recommended contacting Professional Services

12. Future or New Changes in Procedures

- New standard drawings and spec book coming in 2016

13. Future meeting

- Winter 2015