

ACEC-INDOT Bridge Inspection Committee Meeting Minutes

Time: July 30, 2021, 9:00am-10:00am

Location: Microsoft Teams Virtual Meeting

Minutes Prepared by: Jonathan Olson, BF&S

The following members were in attendance:

Andrew Fitzgerald, INDOT – Chair	John Lukac, HWC
Scott Minnich, United Consulting – Vice Chair	Anne Rearick, INDOT
Jonathan Olson, BF&S – Secretary	Adam Post, INDOT
Bill Dittrich, INDOT	Rob Coop, USI Consultants
Sharon Street, INDOT	Michael Vereb, Lochmueller Group
Bobby Chandler, Clark Dietz	Anthony Marino, INDOT
Alfred Wessling, BLN	Maricar Gonzalez, INDOT
Sean Hankins, INDOT	

The following members were absent:

Jennifer Hart, INDOT
Jeremy Hunter, INDOT
Jose Ortiz, FHWA
Pat Connor, LTAP
Stewart Kline, IACHES (Tippecanoe County)

Meeting Summary:

1. BIAS Changes/Update - Bill Dittrich
 - a. Reminder - All fracture critical reports need to be attached as a report section. Don't just add it in the files. This is a federal review item.
2. NHI 2-Week Bridge Inspection Class - Bill Dittrich
 - a. INDOT hosting the two-week NHI bridge inspection class (#13055) August 23rd-September 3rd in Indianapolis at the Traffic Management Center at 8620 East 21st Street, Indianapolis, IN 46219.
 - b. Participants need to get name to Sharon Street if they want to attend by August 10th. After that date open seats will be available to others.
 - c. All persons taking the class must take and pass the prerequisite assessment #130101A on the NHI website.
 - d. Engineers should be able to take and pass this web-based class ahead of time and provide their certificate of completion. Non-engineers can take the web-based class after the first three days of the two-week class, since the course material should cover the same information that is in the prerequisite class.

3. Load Ratings – Sean Hankins

- a. Bridge Inspection Manual (BIM) updates to Part 3: Load Ratings.
- b. Metric 13 improvement plan
- c. Must capture design inventory and operating for federal reporting. Previously legal ratings were used as operating ratings for federal reporting.
- d. Item 66 Inventory Rating
 - i. Reported as HL-93 Design Inventory Rating Factor when Rating method is LRFR.
 - ii. Reported as HS-20 Design Inventory Load Capacity when Rating method is not LRFR.
- e. Item 64 Operating Rating
 - i. Reported as HL-93 Design Operating Rating Factor when Rating method is LRFR.
 - ii. Reported as HS-20 Design Operating Load Capacity when Rating method is not LRFR.
- f. All counties impacted
- g. INDOT to copy HS-20 Legal Ratings to HS-20 Design Operating fields for non-LRFR ratings
- h. LPAs only need to update bridges ratings using LRFR
 - i. 3,484 total LPA bridges
 - ii. 2,626 ratings in BrR
 - iii. 858 rated using other applications
 - iv. Run query in BRADIN to find bridges rating using LRFR that will need updated
- i. Updates to BRADIN can be mass-imported – this is a new feature in BRADIN coming this fall
 - i. Download mass import template spreadsheet from BRADIN
 - ii. Export existing in-service ratings from BRADIN and add to spreadsheet
 - iii. Append HL-93 Design Inventory and Operating rating factors to the spreadsheet
 - iv. Append Design Inventory and Operating rating factors to the spreadsheet per item (31) design load
 - v. If BrR version has changed, will need to re-run entire suite of required vehicles.
 - vi. A full report with ALL ratings is required, not just the changed fields.
- j. Load rating summary report PDFs will not need to be updated if nothing else changes besides the above revisions
- k. H-Rating (item 66B) is not reported to the Federal Highway. This could be removed from BIAS. H20-44 will still be required on load rating if it is a design vehicle.
- l. Timing
 - i. Counties advertising between now and March of 2022 will be handled in the new contract
 - ii. Any other counties will require a supplement to complete the work in the next phase.
 - iii. All counties and consultants should schedule to complete with next full Phase I or Phase II.
- m. Other updates - Optional NCHRP Guidance for FAST Act EV-2 and EV-3.

- 4. Metric 23 Overview - Bill Dittrich
 - a. Overall good – needs improvement
 - b. LPA related – metrics 6, 7, 11, 21
 - c. Substantial compliance:
 - i. Metrics 6 – Inspection frequency – routine – lower risk bridges
 - ii. Metric 7 – Inspection frequency – routine – higher risk bridges
 - iii. Metric 11 – Inspection frequency – Frequency Criteria
 - d. Non-compliance:
 - i. Metric 21 - Inspection procedures – critical findings
 - e. Bridge Metrics 7, 11, 12, 13 - improvement plan (IP)
 - f. Bridges Metrics 21 - Plan of corrective action (PCA)
 - g. Tunnel Metrics 11 and 12 - improvement plan (IP)
 - i. Had meeting with Indianapolis

- 5. Potential Training for 2021 – Andy Fitzgerald
 - a. 2-week class previously discussed
 - b. S-Brite Fracture Critical – TBD – hopefully later this year
 - c. Bridge Inspection Workshop – TBD
 - i. Suggested Topics
 - 1. Access methods for bridges such as man lifts, snoopers, ladders, etc.
 - 2. New NBIS regulations – would likely be a longer standalone training class – new regulations possibly coming though at the end of 2021
 - 3. Load Rating Updates – what Sean presented on today regarding importing into BRADIN

- 6. LPA Situation – Andy Fitzgerald
 - a. Stephanie has left, Maricar Gonzales is acting in this position until the position can be filled
 - b. LPA RFP – Bill stated that Counties can include initial inspections as an “other” type of inspection to get them programmed into the contract to avoid supplementals.
 - c. On-time NTP is still an issue at the end of INDOT fiscal year. Other times throughout the year don’t seem to be a problem.
 - d. Maricar said inquiries regarding NTP must come from LPA, not consultant; this came from Brenda Fox. Maricar also said it would be ok for consultants to contact her directly regarding NTP issues.
 - e. Make sure LPA is keeping their ERC certification up to date to avoid fiscal issues

7. Other Discussions

- a. Andy Fitzgerald has taken another position at INDOT. Tony Marino (mobile 812-681-1032) is Acting SPM until the position is filled.
- b. Bill asked how flooding inspections in Owen County were completed and paid for. Scott wasn't PM for Owen County but believed that they were completed quickly, paid for locally, and reimbursed with FEMA money.
- c. Jonathan asked about recent revisions to the BIM Part 1. The updates state that for a Team Leader "The predominate amount of bridge inspection experience, or more than fifty percent, should come from NBIS bridge safety inspection experience." Jonathan said there is some confusion on what this applies to in the manual. Bill will look at.
- d. Jonathan also asked about the S-Brite fracture critical training. He said the bridge inspection manual reads like this class is a requirement for all team leaders, not just those with a fracture critical certification. Bill will look into.
- e. Scott mentioned that there is still a consultant vacancy in the committee. Sharon will look at list.
- f. Scott asked about the status of new LPA boilerplate contract that Jonathan and Stephanie worked on? Andy responded that it is likely still in legal review.

8. Next Meeting

- a. November 19th, 2021 (online for now, may revisit closer to the date)