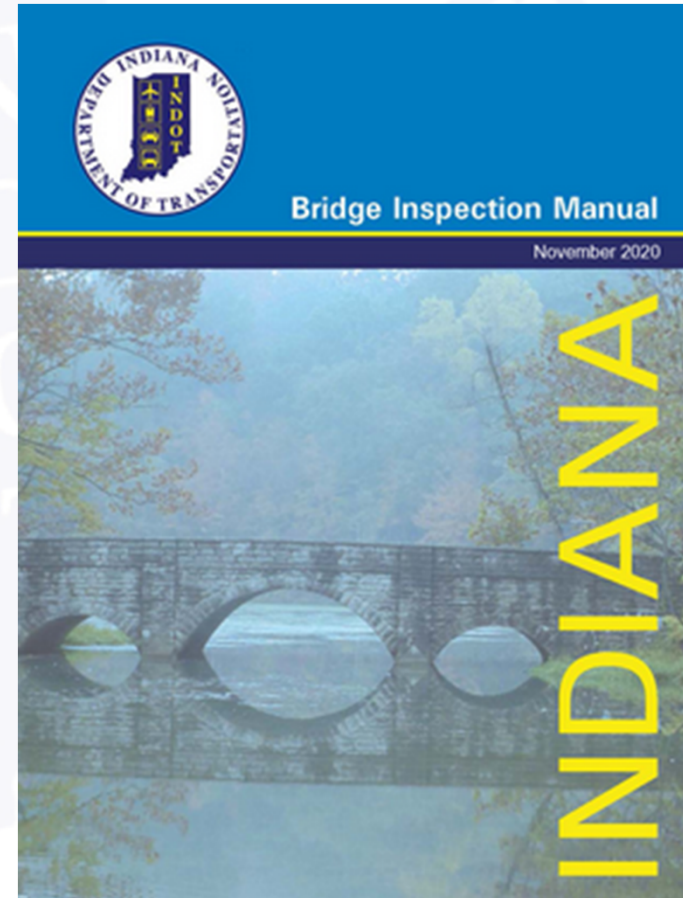


Metric 13 Improvement Plan & INDOT Load Rating Policy Updates

Sean Hankins, INDOT Bridge Engineer

Metric 13 Improvement Plan & Policy Updates

- NBIS Reporting Changes
- Implications to BRADIN
- Timing
- Other Updates



Metric 13 Improvement Plan & Policy Updates

- NBIS Reporting Changes

- Must capture both Design Inventory and Operating ratings
 - Previously Legal ratings were used as Operating ratings for federal reporting.
- Items (66) & (64)
 - Item (66) Inventory Rating
 - Reported as HL-93 Design Inventory Rating Factor when Rating Method is LRFR
 - Reported as HS-20 Design Inventory Load Capacity when Rating Method is not LRFR
 - Item (64) Operating Rating
 - Reported as HL-93 Design Operating Rating Factor when Rating Method is LRFR
 - Reported as HS-20 Design Operating Load Capacity when Rating Method is not LRFR

Metric 13 Improvement Plan & Policy Updates

- Implications to BRADIN
 - All counties impacted.
 - INDOT to copy HS-20 Legal ratings to HS-20 Design Operating fields for non-LRFR ratings
 - LPAs only need to update bridges rated LRFR
 - 3,484 total LPA bridges
 - 2,626 rated using BrR
 - 858 rated using other applications (CANDE/MathCAD/Excel/TBAR/etc)
- Updates to BRADIN can be mass imported
 - Export existing in-service ratings from BRADIN
 - Copy LRFR ratings from export to the Mass Import spreadsheet; reorganize per the import instructions
 - Append HL-93 Design Inventory and Operating rating factors to the spreadsheet
 - Append Design Inventory and Operating rating factors to the spreadsheet per Item (31) Design Load
 - Revise any other data as necessary
 - If BrR version has changed from original rating, please rerun entire suite of required vehicles.
 - No partial reports can be imported, each NBI must contain all required data

Metric 13 Improvement Plan & Policy Updates

 MENU

 **INDOT** Bridge Rating Application Database of Indiana

Import Ratings

Download Template: 

Import Ratings:

☐ Submit Ratings  Validate

Any Imported Ratings that are Validated with errors may not import correctly.

Any Imported Ratings that have a status of Error will not import.

	NBI	Import Status	Import Status Date	Rating Program Name	Rating Program Version	Rating Date	Rating Firm Name	Rater Name	Rating Method	R
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10 items per page

Metric 13 Improvement Plan & Policy Updates

- Timing
 - Counties advertising between now and March of 2022 will be handled in the new contract
 - Any other counties will require a supplement to complete the work in the next phase.
- Other Updates
 - Optional NCHRP Guidance for FAST Act Ev-2 & Ev-3 Vehicles

Indiana Bridge Inspection Manual, Part 3 – Appendix E