TO: All Inspection Personnel and Consultants

FROM: /s/Andrew Fitzgerald
Andrew Fitzgerald
Bridge Inspection Manager
Bridges Division

SUBJECT: BRADIN Load Rating Database and Mass Upload Requirements

EFFECTIVE: June 1, 2018

INDOT has developed a new database, Bridge Rating Application Database of Indiana (BRADIN) to store all load rating data. It will be the authoritative source for all load rating data moving forward.

To familiarize oneself with BRADIN prior to the effective date, LPAs and their authorized representatives may begin requesting read-only access to the “Bridge Rating Application Database of Indiana” through ITAP. Initially only those considered Load Rating Engineers (LREs) with all required documentation complete and up-to-date within BIAS will be granted access. Write-access will be granted to authorized users prior to the effective date.

While, not required to do so, all owners will be given the opportunity to mass upload existing load rating data into the new database. Content must be compiled in Microsoft Excel Comma Delimited format (.csv). The required template is posted on the Bridge Inspection website and attached to this memo. Also attached are specific instructions for each field. Please note that many fields require data transforming, example below:

\[
\text{BRIDGE\_POSTING\_70}\]
- 1 for empty
- 2 for "0 - MORE THAN 39.9\% BELOW LEGAL LOADS"
- 3 for "1 - 30.0 TO 39.9\% BELOW LEGAL LOADS"
- 4 for "2 - 20.0 TO 29.9\% BELOW LEGAL LOADS"
- 5 for "3 - 10.0 TO 19.9\% BELOW LEGAL LOADS"
- 6 for "4 - 0.1 TO 9.9\% BELOW LEGAL LOADS"
- 7 for "5 - EQUAL TO OR ABOVE LEGAL LOADS"

Mass upload requests must be made no later than September 2019. Please send all data to BRADINSupport@indot.IN.gov. Once uploaded, all ratings will exist as unsubmitted providing each owner the opportunity to review the data for accuracy and completeness. Ratings must be submitted to be considered finalized.

Additionally, Indiana Bridge Inspection Manual Part 3 has been updated to reflect the changes to the manual in regards to BRADIN, relevant sections are attached. BRADIN replaces the need to update or attach load rating information within BIAS. There are no revisions to the ERMS Bridge File upload requirements.

Questions regarding the mass upload or general BRADIN inquiries may be directed to BRADINSupport@indot.IN.gov. Questions related to Indiana Bridge Inspection Manual Part 3 may be directed to Jeremy Hunter, INDOT Bridge Design and Load Rating Manager, at jhunter@indot.IN.gov.