

DATE: April 17, 2024
TO: Highway Structures Information System (HSIS) Users
FROM: DTSD – Bureau of Structures
SUBJECT: **April 2024 HSIS update**

A new version of HSIS was released on 4/16/2024. The following is a list of some of the enhancements added and bugs fixed in this release. This is not a comprehensive list.

This HSIS update contains many changes related to the NBIS and SNBI. If you believe something is not working correctly, if you cannot enter something you think you should be able to, or you have questions on where to find something, please contact me.

If you discover any bugs or have suggestions for enhancements, please email ryan.bowers@dot.wi.gov. If you do find a bug, please provide as much information as possible about what structure you were working on, what browser you used, if you were using a mobile device or not, items you were editing or clicking on prior to the bug occurring, etc. The more information you provide, the better chance we have at replicating the issue, determining the cause, and fixing it. Any screenshots or videos you can take are helpful.

Enhancements

- 1) Inspection complete disabled rules were added for local small bridges (V structures) to help capture required inventory data.
- 2) Inspection complete disabled rules for bridges have been updated to not require all SNBI data to be provided with the next routine inspection. However, all data will be required for a bridge to be eligible for a 48-month inspection interval.
- 3) UW-profile interval rules were updated to reflect changes in the structure inspection manual.
- 4) Additional data from the damage inspection was added to the pdf.
- 5) Added AP.01 overtopping likelihood.
- 6) The damage inspection type is available for all structure types.

Bug Fixes

The following bugs were fixed with this version. Additional bugs not listed below were also fixed.

- 1) Elements, assessments, and SNBI data fields were not being displayed in field inspections.
- 2) Users were not always able to enter the current date as the inspection begin date.
- 3) The damage defect was displaying the unit as the unit of the parent element instead of “each”.
- 4) Incorrect data was being displayed on the pdf for the deck reinforcing protective system field.
- 5) Inspector and inspection type data was missing from the first page of the completed inspection pdf.
- 6) An error occurred when trying to create an inspection that included all of routine, movable, and SIA types.
- 7) Defects weren’t available for elements 8207 median, 8209 sidewalk, 8508 asphaltic chip seal, 8509 HMA (AC) overlay with sheet membrane, 8510 HMA (AC) overlay with spray membrane.
- 8) Users were unable to enter an end date for inspections with a begin date that is in February.