

DATE: October 18, 2023
TO: Highway Structures Information System (HSIS) Users
FROM: DTSD – Bureau of Structures
SUBJECT: **October 2023 HSIS update**

A new version of HSIS was released on 10/17/2023. The following is a list of some of the bugs fixed in this release. This is not an exhaustive list.

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

Local small bridges (V-structures)

A local small bridge is defined as being less than 20 feet in length but greater than six feet in length. Structure numbers in HSIS for these structures will begin with “V”. The ability to create these structures in HSIS has been added with this release. More guidance on creating and inventorying V structures will be provided in the future. At this time, do not try to create any V structures.

Bug Fixes

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

- 1) When printing field inspections for a collection of structures, the cover sheet for a bridge was not always an odd page number.
- 2) When printing field inspections for a collection of structures, the activities selected were not always included for all appropriate bridges in the collection. For example, if you selected to export routine inspections and uw-profiles, if a bridge had a routine inspection in 2022 but the last uw-profile was in a different year, the profile pdf was not included; HSIS only included materials for all activities selected if those activities were part of the last inspection. This has been fixed so HSIS will include the appropriate sheets from the latest inspection and latest activity, even if the dates they occurred on are different.
- 3) When printing a field inspection, a list of team members was prepopulated.

		Team members
Time Log	Hours	Minutes
Weather	Temperature (f)	Condition
		John, Endres: Team Member Hargrove, Perry: Team Leader Peters, Steven D: Team Leader Hamel, Jeramie: Team Member Quale, Shane: Team Member Peters, Steven D: Team Leader Hamel, Jeramie: Team Member Hargrove, Perry: Team Leader Hamel, Jeramie: Team Member Hargrove, Perry: Team Leader Hargrove, Perry: Team Leader Peters, Steven D: Team Leader Hamel, Jeramie: Team Member John, Endres: Team Member

Team member bug.

- 4) On the Inspection > Edit screen, if you entered data such as time, air temperature, or weather condition, did not save the data, and then proceeded to enter team personnel, when you clicked “add” the previous data you entered would clear out.
- 5) An incorrect “structural review” was being appended to the end of inspections upon completion. All fields on this page were blank. Because of this, users subscribed to the “InspectionActionNotification” subscription received an email whenever an inspection was completed.
- 6) Photo sizes were not being reduced when uploaded to HSIS, resulting in large pdf file sizes.
- 7) Actions on the critical finding tab were not able to be edited when a final – long term action was added.
- 8) When using inline edit, changes were not able to be saved.
- 9) When using inline edit, users were unable to add new maintenance items.
- 10) Some component condition rating items were not being displayed on the SNBI screen.