

BrM Tips and Tricks and what is new for the SNBI

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9/30/2025

Completing an Inspection

Do not use the Submit for Review button on the bottom of the Inspection Schedule page.

Submit for Review

- **This process has not yet been configured.**

Do Run a Data Validation Check

AASHTOWare™ Bridge Management

< Back

Bridges

Bridge List

Inventory & Appraisal >

Inspection >

NDOT Load Ratings

NDOT Load Posting Status

Work Events

Validate

Enhanced Mapping

Bridges > Validate

Validate

Assets

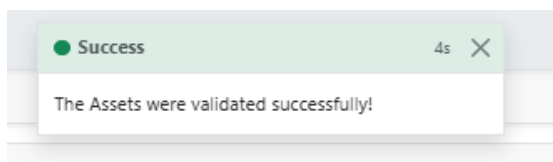
Filter: None

Layout: Next Inspection

Export

BridgeID	Name	MaintenanceResponsibility
☒ C000000000	TEST BRIDGE (County)	L01 County highway agency
☐ C000100305P	E 20.1	L01 County highway agency
☐ C000100405	B 1.2	L01 County highway agency
☐ C000100505P	M 33.1	L01 County highway agency
☐ C000100905	N 2.1	L01 County highway agency

Before completing an inspection, run a Validation Check with Brm > Bridges > Validate



Then **check the results** and make corrections. The Severity, Name and Description of each error are defined by the FHWA. Any **Error** items will prevent successful submission of data to FHWA.

Validate

Assets

Summary

Results

QC Process

A QC process has not yet been configured in BrM 7 for use with SNBI protocols and this process is under review.

Rail Transitions Coding Guidance Status

Coding guidance for Guardrail (B.RH.02) is still being developed and will be added to [the Bridge Rail Identification Guide](#).

Initial Inspections

Required not later than 90 days after opening to traffic.

Provide Input for:

1. BrM » Bridges » NDOT Load Posting Status » select Add New and update the Load Posting Status (B.PS.01) and Posting Status Change Date (B.PS.02)
2. BrM » Bridges » Inspection » Cross Sections

See the Nebraska Bridge Inspection Program (BIP) manual section 4.6.1 for additional information about Initial Inspections.

The item NDOT created for use prior in previous versions of BrM called “Date Opened to Traffic (NE 218)” has been discontinued. Instead, please use the Load Posting Status (B.PS.01) and Posting Status Change Date (B.PS.02)

Date open and closed to Traffic

The item NDOT created for use prior in previous versions of BrM called “Date Opened to Traffic (NE 218)” has been discontinued. Instead, please use the Load Posting Status (B.PS.01) and Posting Status Change Date (B.PS.02).

Multiple Open Inspections

BrM will allow you to create multiple new inspections with the same inspection date. This creates a risk the inspection data entry may not be part of the most current record. To ensure that all edits and updates for an inspection are retained in the most recent inspection for a given date, there should be only one inspection event per day.

Here is an example of a bridge with multiple. If this occurs, please contact NDOT.

Inspection *

09/29/2025 (FBUS)

09/23/2025 (XQWE)

09/03/2025 (FSVD)

08/19/2025 (CZRH)

08/07/2025 (OXJA)

08/07/2025 (SFCC)

08/06/2025 (DOVR)

08/06/2025 (BPVX)

08/06/2025 (YQOV)

07/30/2025 (LPPF)

07/30/2025 (KAFF)

04/02/2025 (ZFWF)

02/19/2025 (JQAF)

02/06/2025 (LVHR)

12/17/2024 (EAUG)

08/14/2024 (IERV)

07/15/2024 (HVGX)

06/17/2024 (IKYV)

05/22/2024 (SZCH)

04/29/2024 (XXNG)

Channel Protection Condition Rating (R

Multiple Inspection Types in the same inspection event

For NSTM bridges that have a simultaneous Routine inspection performed, each type performed should be part of the same inspection event. Creating an In-Depth and a simultaneous Routine inspection is shown in the screenshot below. If other inspection types are combined, the process would be similar.

Bridges > Inspection > Inspection List

Bridge Feature Intersected

TEST Bridge

Inspection Begin Date (B.IE.02) *

09/29/2025

Entered By *

Miller (ADMIN), Kent

Inspection Types

Add New

Inspection Type ↑	Inspector	
In-Depth	Miller (ADMIN), Kent	 
Routine	Miller (ADMIN), Kent	 

Simultaneously occurring inspection types can also be noted by updating B.IE.01, the Inspection Type Being Performed, in the Inspection Schedule page. An example of simultaneous In-Depth, NSTM and Routine inspections is shown in screenshot below.

Schedule				
Inspection Type ↑	Required for Bridge	Inspection Being Performed (B.IE.01)	Inspector	Most Recent Inspection Completion Date (B.IE.03)
Damage	☐	☐		
In-Depth	☐	☒	Miller (ADMIN), Kent	09/29/2025
Initial	☐	☐		
NSTM	☒	☒	Miller (NBI), Kent 	09/29/2025
Routine	☒	☒	Miller (NBI), Kent 	09/29/2025
Scour Monitoring	☐	☐		
Service	☐	☐		
Special	☒	☐		07/30/2025
Special - In Office	☐	☐		08/07/2025
Underwater	☐	☐		02/06/2025

BrM Inspection Reports

Bridge Inspection Reports were not generating properly in BrM, but this has been fixed.

They should generate in about 1 ½ minutes each, but this can vary depending on how many users are simultaneously generating reports.

Inspection Notes

There are two inspection notes fields on the BrM > Inspection > Condition page.

The Inspection Note (B.IE.11) is the official SNBI field and is by specification limited to 300 characters. This field is reported to the FHWA in the annual submittal and is intended to meet the notes guidance from the MBE 4.3.4 and the NDOT Bulletin 24.03.

<https://dot.nebraska.gov/media/unmn0inj/bulletin-24-03-inspection-note-quality.pdf>

Additional notes can be added to Bridges » Inspection » Condition » Agency Inspection Notes. These notes are also associated with the inspection date and are intended to communicate with the next inspector and the bridge owner. The agency notes do carry forward to the next inspection and if they are deleted in a new record, they are still retained in the earlier inspection record.

Permissions Changes

Permissions have been modified to allow inspectors to update data in the Superstructure Sets and the Substructure Sets on the BrM page Bridges » Inventory & Appraisal » Design.

These permissions had previously been locked.

8/11/2025

Latitude and Longitude are now decimal degrees

- Bridge locations can no longer be changed on the map by moving the icon. Must input Lat Long manually, which will probably mean opening up the location on another application, like Google Earth and copying and pasting in the Lat and Long
 - i. If your Google Earth displays Degrees, Minutes, Seconds go to Tools > Options > 3D View > Show Lat/Long and select decimal degrees.

New Scour Condition codes for Channel, Channel Protection, and Scour Condition

- Scour Vulnerability is also new, but is a calculated field determined by an interdisciplinary engineering review that will be informed by the scour condition codes and other factors.

New Cross Section Guidance

- NDOT will assign the intervals using a risk-based frequency. See Section 4.5.7.3 of the NDOT BIP Manual for details.
- The October 1, 2025 Upcoming Inspection Report will indicate bridges that need hydraulic cross sections at the next inspection.
- Find it in the Bridge Inspection part of the NDOT Bridge Web Page
 - There is also a new form for field collection of cross section measurements.

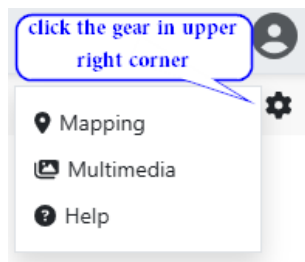
New QC process

- Not yet available. Watch for an announcement soon!

Dates are required for changes to posting status

- These can be different than inspection dates

Where is Multimedia, Mapping and Help?



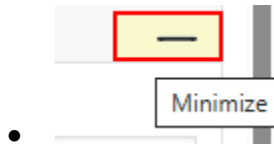
- You will need to be on a bridge inspection page to see Mapping and Multimedia
- Multimedia is available for uploading bridge inspection photos, but not yet available for uploading or viewing other bridge document types. Watch for an upcoming announcement about using Multimedia for all bridge file documents!

SNBI requires submittal of any work that was done on a bridge since the last inspection.

- NDOT has created an agency item to preserve the NBI Item called Year Reconstructed. It will no longer be updated, but can be used as a reference

for determining if there is work history that could be added to the record for the SNBI Work items B.W.02 and B.W.03

Watch out for the Minimize content bars. Or try them out to get familiar with them.



New Reports are available

- Neither are properly populated with data, but are available as blank forms... **Update these forms now properly populate with data.**
 - NDOT Field Inspection Report
 - NDOT SNBI Data Report

Old BrM is available for reference

- <https://brm.nebraska.gov/>
 - It is read-only and your old log in credentials should still work

Discontinued Calculated Legacy Performance Measures

- Sufficiency Rating
- Structural Deficiency
- Functional Obsolescence