



# INDIANA DEPARTMENT OF TRANSPORTATION

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## Bridge Inspection Memorandum No. 25-02 NSTM Inspection Requirements

February 17, 2025

**TO:** All Inspection Personnel and Consultants

**FROM:** /s/ Anthony Marino SPM  
Anthony Marino, P.E.  
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Bridge Management Division

**SUBJECT:** SNBI Bridge Inspections

**EFFECTIVE:** January 1, 2025

Inspections for bridges that have one or more Non-Redundant Steel Tension Members (NSTMs) included in either the superstructure, substructure, or both shall be carried out as follows:

1. All bridges with one or more NSTMs included in the superstructure, substructure, or both, shall require regularly scheduled NSTM Inspections and shall have SNBI Item ID B.IR.01 (NSTM Inspection Required) in SNBI Subsection 6.1 coded **Y = NSTM inspection required**.
2. All bridges with one or more NSTMs shall require NSTM Inspections and shall have SNBI Item ID B.IE.01 (Inspection Type) in SNBI Subsection 6.2 coded **4 = NSTM** when an NSTM inspection is done during the calendar year.
3. All bridges with one or more NSTMs shall have a bridge-specific NSTM Inspection Plan maintained in the iTAMS Bridge Asset File. All NSTM Inspection Plans shall identify all NSTM components and shall detail the means/methods necessary for obtaining close-up, hands-on inspections of the NSTMs. All bridge-specific NSTM Inspection Plans shall be reviewed and updated as needed following each NSTM inspection.
4. NSTM Inspections shall be full scope inspections on every NSTM identified in the bridge-specific NSTM Inspection Plan.
5. The past practice of allowing off-cycle Special Inspections for individual poor condition NSTMs (condition code 4 or less) is no longer allowed. Inspection contracts starting in CY 2025 that would have included off-cycle Special Inspections for individual NSTMs in poor or worse condition shall be done as NSTM Inspection Types.

6. SNBI Item ID B.C.14 (NSTM Inspection Condition) reports the condition rating of the NSTM using one of the condition rating codes in SNBI Table 20. This is a new condition code item that would not have had any previous inspection values prepopulated as part of the Data Crosswalk. Inspectors shall code this SNBI item as part of inspections done on bridges that have NSTMs.
7. Bridges with NSTMs that have SNBI Item ID B.C.14 coded 4 (Poor) or less shall have the NSTM Inspection Interval coded as not exceeding 12 months.