



INDIANA DEPARTMENT OF TRANSPORTATION

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Bridge Inspection Memorandum No. 26-06 Transverse Floor Beam NSTM Requirements

March 9, 2026

TO: All Inspection Personnel and Consultants

FROM: /s/ Anthony Marino SPM
Anthony Marino, P.E.
Bridge Inspection State Program Manager
Bridge Management Division

SUBJECT: Transverse Floor Beam NSTM Requirements

REVISION: INDOT Bridge Inspection Manual Part 5

EFFECTIVE: Immediately

Transverse floorbeams that are part of bridge span types that have two (2) primary load paths and are spaced 14-feet apart and greater shall be identified as Nonredundant Steel Tension Members (NSTMs) and shall require a hands-on inspection of:

1. All floorbeam surfaces along the entire length of the floorbeam and,
2. All connection components, within two (2) feet of where the floorbeam is connected directly to the primary load carrying members.

The inclusion of NSTM inspection requirements and inspection techniques necessary for meeting the hands-on inspection operations for the transverse floorbeams shall be detailed within the bridge-specific NSTM Plan of Action (Inspection Plan).

Transverse floorbeams that are part of bridge span types that have two (2) primary load paths and are spaced less than 14-feet apart need not be identified as Nonredundant Steel Members (NSTMs) unless required otherwise by the bridge owner. However, all floorbeam surfaces, along with all connection components, within two (2) feet where the floorbeam is connected directly to the primary load carrying members still require a hands-on inspection. The bridge-specific NSTM Plans of Action (Inspection Plans) for such conditions shall clearly state the NSTM status of the transverse floorbeams and the engineering reasoning for making such a determination.