



September 17, 2024

NDOT Bridge Division – Bridge Inspection Program

Bulletin 24.05

SUBJECT: Flammable Materials under highway bridges

To: Nebraska Public Bridge Owners and Inspectors

Response to the FHWA Memorandum dated 11/15/2023:

[Documentation and Treatment of Materials Stored Under a Highway Bridge - Bridge Inspection - Safety Inspection - Bridges & Structures - Federal Highway Administration \(dot.gov\)](#)

NDOT requests that inspectors report any significant quantities of flammable materials that are observed under bridges or in buried structures.

Implementation

During routine bridge inspections, if significant quantities* of flammable materials** are observed under a bridge, the bridge inspector shall take the following steps.

1. Document the type, location, and approximate quantity of flammable material in the inspection notes (BrM > Inspection > Condition > NBI/Elem Condition > Inspection Notes).
2. Notify the bridge owner and NDOT within 24 hours by providing copies of an NDOT 320: Critical Finding Report with at least Part 1 complete.
 - a. Available at <https://dot.nebraska.gov/business-center/bridge/forms/>
3. Create a CFR Notification in BrM by following the steps below.
 - a. Go to BrM > Inspection > Work > Work Candidates
 - b. Select **Add New**
 - c. Fill out the Type of Work as shown below

Type of Work

Candidate Name: 6E0587D-E122-080924-4ACD98773D

Structure Unit: Main Spans / Type = M

Action Type: CFR-Critical Finding

Action: CFR-Flammable Material Under Bri

Date Recommended: 7/15/2024

Priority: Critical Finding

Contact/User:

No. of Locations:

Date Reviewed:

Target Year: 2024

Assigned: P Work Under Review

Work Assignment: Under Review

Status: Unknown

Source: Inspector Recommended

* Significant quantities: quantity that if ignited could cause structural damage.

** Flammable materials are “capable of being easily ignited and of burning quickly”.

Attachments: None

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