

Discovery Date: 12/12/2007

RC: 94 BIN: 2227870

RED Flag 9C070094

Carried: PONY FARM ROAD Crossed: DELAWARE & HUDSON

Prompt Interim Action Recommended: No

Inspector: Henderson, Ryan
Flag Number: 9C070094

Date Discovered: 12/12/2007
Supersedes Flag Number: 9W060017

Bridge Description:

BIN: 2227870 Carried: PONY FARM ROAD Crossed: DELAWARE & HUDSON

Region: 9 - Binghamton County: 4 - Otsego
Political Unit: 0610 - Town of Oneonta
Primary Owner: 60 - Railroad
Secondary Owner: 99 - One Agency - Listed in first subfield
Primary Maintenance: 40 - Town
Secondary Maintenance: 60 - Railroad
Year Built: 1933 Posted For Load: 15 Tons

Number of Spans by Type:	Num	Type	Description
	001	- 115	- Steel - Plate Girder-Floorbeam System, Thru
	002	- B01	- Concrete, Reinforced - Slab

Description of Flagged Condition:

RED STRUCTURAL FLAG 9C070094 Issued (Flag 9W060017 Superseded):

In Span 3, the bottom flanges of all Floorbeams exhibit heavy rust scale with section losses at their centers. Losses are estimated based a combination of caliper readings of exposed flange edges, pitting depths, and visual comparisons, as follows:

FB0-20%; FB1-30%; FB2-25%; FB3-42%; FB4-35%; FB5-35%; FB6-25%

Floorbeams are classified Load Path Non-Redundant at 14'-1" spacing. Webs and top flanges are encased and likely to have only minimal losses. Some slight variations in losses were observed from the previous inspection (however not to FB3, which should be the controlling member), but no distress or excess deformation is evident.

Upon QC review it was determined that the condition of the Floorbeams warrants a RED Flag. Yellow Flags have been issued in the past two inspections for the same condition.

It should be noted that the actual member properties are unavailable due to lack of record plans and the concrete blast protection which covers the majority of the beams. The section losses are based on the assumption that the flanges have a uniform thickness of 0.75" (also used in BLRS analysis).

1 Photos/Sketches Attached

Verbal Notifications: (For RED Flags and Safety Flags with PIA only)

To: Tim Giblin of Regional Office on 12/19/2007 at 12:45:00 PM

Signature: (a signed copy of this report will be placed in the BIN folder)

Flagged Bridge Report Completed By: Henderson, Ryan on 12/18/2007

Flagged Bridge Report Signed By: _____ on _____

Henderson, Ryan

Discovery Date: 12/12/2007

RC: 94 BIN: 2227870

RED Flag 9C070094

Carried: PONY FARM ROAD Crossed: DELAWARE & HUDSON

(This PDF Report Created: 12/19/2007 12:49:37 PM)

Discovery Date: 12/12/2007

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RED Flag 9C070094 Attachment

Carried: PONY FARM ROAD Crossed: DELAWARE & HUDSON

07-1484.jpg - Attached to RED Flag 9C070094

Begin Face of Floorbeam 4 at Mid-Panel

