

Structure Inventory and Appraisal

Bridge ID: HANOVER-129571 Official SR: 85.4 SD/FO: Not Deficient or Obsolete
FHWA No.: 129571 Unofficial SR: 85.4 SD/FO: Not Deficient or Obsolete

IDENTIFICATION

7 Facility Carried: LOCAL

5B Rte. Signing Prefix: 4

5C Level of Service: 1 - MAINLINE

5D Inventory Route: 00000

City: RURAL

3 County: 024 - Crawford

SMALL STREAM

9 Location: 084403502 5E Directional Suffix: 0 - NOT APPLICABLE

2 District: 0
Garage: 0000
98 Border Bridge Code:
% Responsibility: 0

6 Feature Intersected:

99 Border Bridge No.:

STRUCTURE TYPE AND MATERIALS

43A Main Span 3 - Steel

43B Main Span Design: 02 - Stringer/Multi-beam or Girder

45 No. Spans Main Unit: 1
44A Appr. Span 000 - NA
44B Appr. Span Design: 000 - NA

46 No. of Appr. Spans: Near 0 Far

107 Deck Type: 8 - Wood or Timber108A Wearing Surface: 8 - Gravel108B Membrane: 0 - None

108C Deck Protection: 0 - None

GEOMETRIC DATA
48 Length Max Span: 61 ft.

49 Structure Length: 62 ft. 34 Skew: 0°

Deck Area: 1500.4 sq. ft.

 50B Curb/Sdwk Width R:
 0 ft.

 50A Curb/Sdwk Width L:
 0 ft.

 51 Width Curb to Curb:
 24.2 ft.

 52 Width Out to Out:
 24.2 ft.

 32 Appr. Roadway width:
 26 ft.

(w/ Shoulders)

33 Median: 0 - No median
35 Structure Flared: 00 - No flare
10 Vertical Clearance: 99'99"
47 Horiz. Clearance: 24'04"
53 Min. Vert. Clearance Over: 99'99"
54B Min. Vert. Underclearance: 00'00"
55 Min. Lat. Underclearance R: 00'00"
56 Min. Lat. Underclearance L: 00'00"

NAVIGATION DATA

0 - No navigation control on waterway (bridge permit not required)

111 Pier Protection:

38 Navigation Control:

39 Vertical Clearance: 00'00" 40 Horiz. Clearance: 000'00"

16 Latitude: 42.04182641 17 Longitude: -95.47880992

FRA No. (if RR Bridge):

Mile Post:

 90 Inspection Date:
 05/08/2014
 Inspection Type:
 N/A

 Next Routine Insp Date:
 05/08/2016
 91 Frequency:
 24

 Next Insp Type:
 Rec

Next Insp Type: Regular

Inspection Agency: 5 - Consultant Inspection Group: Crawford County

INSPECTION

93A FC Inspection Date:

92A FC Frequency: 0 Next FC Insp.: NA

93B UW Inspection Date:

92B UW Frequency: 0 Next UW Insp.: NA

93C SI Date:

0

92C SI Frequency: 0 Next Spec. Insp.: NA

Other Non-NBI Date:

Other Non-NBI Freq.: Next Other Insp.: NA

CONDITION

58 Deck: 7 - Good Condition (some minor problems)
59 Super: 7 - Good Condition (some minor problems)
60 Sub: 7 - Good Condition (some minor problems)
61 Channel/Channel Prot.: 6 - Bank slump. widespread minor damage

62 Culvert: N - Not Applicable

APPRAISAL

67 Str. Evaluation: 6 - Equal to present minimum criteria
68 Deck Geometry: 6 - Equal to present minimum criteria

69 Underclear Vert & Horiz: N - Not applicable

71 Waterway Adequacy: 8 - Bridge Above Approaches
72 Approach Alignment: 8 - Equal to present desirable criteria

36A Bridge Rail: 0 - DOES NOT MEET CURRENT SAFETY STANDARDS, OR IS NOT THERE AND IS NEEDED.
36B Transition: 0 - DOES NOT MEET CURRENT SAFETY STANDARDS, OR IS NOT THERE AND IS NEEDED
36C Approach Rail: 0 - DOES NOT MEET CURRENT SAFETY STANDARDS, OR IS NOT THERE AND IS NEEDED
36D Approach Rail Ends: 0 - DOES NOT MEET CURRENT SAFETY STANDARDS, OR IS NOT THERE AND IS NEEDED

113 Scour Critical: 8 - Stable - Excellent Condition

LOAD RATING AND POSTING

31 Design Load: 0 - Unknown

63 Rating Method: 1 - Load Factor (LF) reported in english tons using HS-20 loading.

64 Operating Rating: 30.3 Tons

65 Rating Method: 1 - Load Factor (LF) reported in english tons using HS-20 loading.

66 Inventory Rating: 23.8 Tons

70 Posting: 5 - Equal to or above legal loads

41 Posting Status: A - Open

AGE AND SERVICE

27 Year Built: 1996 Design No.: 0

106 Year Reconstructed:42A Type of Service on:1 - Highway42B Type of Service Under:5 - Waterway

 28A Lanes on:
 2
 28B Lanes under:
 0

 29 ADT:
 50
 30 Year of ADT:
 2012

 109 Truck ADT:
 0 %
 Speed Limit:
 55

19 Detour Length: 4 mi.

CLASSIFICATION

112 NBIS Length: Y

26 Functional Class: 09 - Rural - Local
100 STRAHNET: 0 - Not a defense highway
101 Parallel Structure: N - No parallel structure
102 Direction of Traffic: 2 - 2-way traffic

22 Owner: 02 - County Highway Agency 21 Custodian: 02 - County Highway Agency

37 Historical Significance: 5 - Not eligible

75A Type of Work Proposed: 38 - Other Structural Work
75B Work Done by: 1 - Work to be done by contract