



## Structure Inventory and Appraisal

Bridge ID: NISHNABOTNA-126431  
FHWA No.: 126431

Official	SR:	SD/FO:
Unofficial	SR: 84.5	SD/FO: Not Deficient or Obsolete

**IDENTIFICATION**

7 Facility Carried: U AVE  
5B Rte. Signing Prefix: 4  
5C Level of Service: 1 - MAINLINE  
5D Inventory Route: 00000  
City: RURAL  
3 County: 024 - Crawford  
9 Location: 082381301  
5E Directional Suffix: 0 - NOT APPLICABLE  
6 Feature Intersected: HICKEY CREEK  
2 District: 0  
Garage: 000  
98 Border Bridge Code:  
% Responsibility:  
99 Border Bridge No.:

**INSPECTION**

90 Inspection Date: 04/10/2015  
Next Routine Insp Date: 04/10/2017  
Inspection Agency: 2 - County  
93A FC Inspection Date:  
92A FC Frequency:  
93B UW Inspection Date:  
92B UW Frequency:  
93C SI Date:  
92C SI Frequency:  
Other Non-NBI Date:  
Other Non-NBI Freq.:

Inspection Type: N/A  
91 Frequency: 24  
Next Insp Type: Regular  
Inspection Group: Crawford County  
Next FC Insp.: NA  
Next UW Insp.: NA  
Next Spec. Insp.: NA  
Next Other Insp.: NA

**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 0  
107 Deck Type: 8 - Wood or Timber  
108A Wearing Surface: 7 - Wood or Timber  
108B Membrane: 0 - None  
108C Deck Protection: 0 - None

**CONDITION**

58 Deck: 8 - Very Good Condition (no problems noted)  
59 Super: 8 - Very Good Condition (no problems noted)  
60 Sub: 8 - Very Good Condition (no problems noted)  
61 Channel/Channel Prot.: 8 - Banks are protected  
62 Culvert: N - Not Applicable

**GEOMETRIC DATA**

48 Length Max Span: 31.1 ft.  
49 Structure Length: 32.4 ft.  
34 Skew: 0°  
Deck Area: 813.24 sq. ft.  
50B Curb/Sdwk Width R: 0.0 ft.  
50A Curb/Sdwk Width L: 0.0 ft.  
51 Width Curb to Curb: 24.6 ft.  
52 Width Out to Out: 25.1 ft.  
32 Appr. Roadway width: 25 ft.  
(w/ Shoulders)  
33 Median: 0 - No median  
35 Structure Flared: 00 - No flares  
10 Vertical Clearance: 99'99"  
47 Horiz. Clearance: 24'00"  
53 Min. Vert. Clearance Over: 99'99"  
54B Min. Vert. Underclearance: 00'00"  
55 Min. Lat. Underclearance R: 0'00"  
56 Min. Lat. Underclearance L: 0'00"

**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: 7 - Slight Chance of Overlapping Bridge  
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

**NAVIGATION DATA**

38 Navigation Control:  
0 - No navigation control on waterway (bridge permit not required)  
111 Pier Protection:  
39 Vertical Clearance: 0'00"  
40 Horiz. Clearance: 0'00"

**LOAD RATING AND POSTING**

31 Design Load: 0 - Unknown  
63 Rating Method: 2 - Allowable Stress (AS) reported in english tons using HS-20 loading.  
64 Operating Rating: 32.4 Tons  
65 Rating Method: 2 - Allowable Stress (AS) reported in english tons using HS-20 loading.  
66 Inventory Rating: 23.2 Tons  
70 Posting: 5 - Equal to or above legal loads  
41 Posting Status: A - Open

16 Latitude: 41.92162287      17 Longitude: -95.22096257

**AGE AND SERVICE**

27 Year Built: 2011  
106 Year Reconstructed: 0000  
42A Type of Service on: 1 - Highway  
42B Type of Service Under: 5 - Waterway  
28A Lanes on: 2      28B Lanes under: 0  
29 ADT: 40      30 Year of ADT: 2012  
109 Truck ADT: 0 %      Speed Limit: 55  
19 Detour Length: 4 mi.

FRA No. (if RR Bridge):  
Mile Post:

**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: 3 - May be eligible for National Register  
75A Type of Work Proposed: 38 - Other Structural Work  
75B Work Done by: 2 - Work to be done by owner's forces