



Structure Inventory and Appraisal

Bridge ID: IOWA-126260
FHWA No.: 126260

| | | |
|------------|----------|-------------------------------|
| Official | SR: 29 | SD/FO: Structurally Deficient |
| Unofficial | SR: 31.0 | SD/FO: Structurally Deficient |

| | |
|---|---|
| <p style="text-align: center;">IDENTIFICATION</p> <p>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 9 Location: 082372801 5E Directional Suffix: 0 - NOT APPLICABLE 6 Feature Intersected: SMALL STREAM 2 District: 0 Garage: 000 98 Border Bridge Code: % Responsibility: 0 99 Border Bridge No.:</p> | <p style="text-align: center;">INSPECTION</p> <p>90 Inspection Date: 4/1/2015 Next Routine Insp Date: 04/01/2016 Inspection Agency: 5 - Consultant 93A FC Inspection Date: 04/01/2015 92A FC Frequency: 24 93B UW Inspection Date: 92B UW Frequency: 0 93C SI Date: 92C SI Frequency: 0 Other Non-NBI Date: Other Non-NBI Freq.:</p> <p>Inspection Type: N/A 91 Frequency: 12 Next Insp Type: In-Depth Inspection Group: Calhoun Burns & Assoc. Next FC Insp.: 04/01/2017 Next UW Insp.: NA Next Spec. Insp.: NA Next Other Insp.: NA</p> |
| <p style="text-align: center;">STRUCTURE TYPE AND MATERIALS</p> <p>43A Main Span 3 - Steel 43B Main Span Design: 10 - Truss Thru 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: 8 - Gravel 108B Membrane: 0 - None 108C Deck Protection: 0 - None</p> | <p style="text-align: center;">CONDITION</p> <p>58 Deck: 5 - Fair Condition (minor section loss) 59 Super: 4 - Poor Condition (advanced deterioration) 60 Sub: 3 - Serious Condition (primary structure affected) 61 Channel/Channel Prot.: 6 - Bank slump, widespread minor damage 62 Culvert: N - Not Applicable</p> |
| <p style="text-align: center;">GEOMETRIC DATA</p> <p>48 Length Max Span: 50 ft. 49 Structure Length: 52 ft. 34 Skew: 0° Deck Area: 936.0 sq. ft. 50B Curb/Sdvw Width R: 0 ft. 50A Curb/Sdvw Width L: 0 ft. 51 Width Curb to Curb: 17.8 ft. 52 Width Out to Out: 18.0 ft. 32 Appr. Roadway width: 23 ft. (w/ Shoulders) 33 Median: 0 - No median 35 Structure Flared: 00 - No flare 10 Vertical Clearance: 99'9" 47 Horiz. Clearance: 17'09" 53 Min. Vert. Clearance Over: 99'09" 54B Min. Vert. Underclearance: 00'00" 55 Min. Lat. Underclearance R: 00'00" 56 Min. Lat. Underclearance L: 00'00"</p> | <p style="text-align: center;">APPRAISAL</p> <p>67 Str. Evaluation: 2 - Intolerable - high priority of replacement 68 Deck Geometry: 3 - Intolerable - high priority of corrective action 69 Underclear Vert & Horiz: N - Not applicable 71 Waterway Adequacy: 6 - Occasional Overtopping of Approaches 72 Approach Alignment: 6 - Equal to present minimum 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</p> |
| <p style="text-align: center;">NAVIGATION DATA</p> <p>38 Navigation Control: 0 - No navigation control on waterway (bridge permit not required) 111 Pier Protection: 39 Vertical Clearance: 00'00" 40 Horiz. Clearance: 000'00"</p> | <p style="text-align: center;">LOAD RATING AND POSTING</p> <p>31 Design Load: 0 - Unknown 63 Rating Method: 2 - Allowable Stress (AS) reported in english tons using HS-20 loading. 64 Operating Rating: 06.3 Tons 65 Rating Method: 2 - Allowable Stress (AS) reported in english tons using HS-20 loading. 66 Inventory Rating: 01.3 Tons 70 Posting: 0 - More than 38.8% below legal loads 41 Posting Status: P - Posted for Load</p> |
| <p>16 Latitude: 41.89251511 17 Longitude: -95.16898774</p> | <p style="text-align: center;">AGE AND SERVICE</p> <p>27 Year Built: 1947 Design No.: 0 106 Year Reconstructed: 0 42A Type of Service on: 1 - Highway 42B Type of Service Under: 5 - Waterway 28A Lanes on: 2 28B Lanes under: 0 29 ADT: 15 30 Year of ADT: 2012 109 Truck ADT: 0% Speed Limit: 55 19 Detour Length: 4 mi.</p> |
| <p>FRA No. (if RR Bridge): Mile Post:</p> | <p style="text-align: center;">CLASSIFICATION</p> <p>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: 31 - Replacement - Load/Geometry 75B Work Done by: 1 - Work to be done by contract</p> |