

The National Bridge Inventory contains data submitted by state transportation departments to the Federal Highway Administration in coded format.
 Form Interface Design: www.historicbridges.org. Data Conversion Assistance By www.bridgehunter.com. None of the involved parties make any guarantee of accuracy.

Basic Information

Iowa [19] Humboldt County [091] Unknown [00000] 932805 42-53-30 = 42.891667 094-11-00 = - 94.183333

185150 Highway agency district 2 Owner County Highway Agency [02] Maintenance responsibility County Highway Agency [02]

Route 0 LOCAL Toll On free road [3] Features intersected DM RIVER

Design - main Steel [3] Design - approach Steel [3] Kilometerpoint 0 km = 0.0 mi

1 Truss - Thru [10] 1 Stringer/Multi-beam or girder [02] Year built 1911 Year reconstructed N/A [0000]

Skew angle 0 Structure Flared

Historical significance Bridge is possibly eligible for the NRHP. [3]

Total length 33.5 m = 109.9 ft Length of maximum span 27.4 m = 89.9 ft Deck width, out-to-out 4.8 m = 15.7 ft Bridge roadway width, curb-to-curb 4.8 m = 15.7 ft

Inventory Route, Total Horizontal Clearance 4.7 m = 15.4 ft Curb or sidewalk width - left 0 m = 0.0 ft Curb or sidewalk width - right 0 m = 0.0 ft

Deck structure type Wood or Timber [8]

Type of wearing surface Wood or Timber [7]

Deck protection

Type of membrane/wearing surface

Weight Limits

Bypass, detour length 0.2 km = 0.1 mi Method to determine inventory rating No rating analysis performed [5] Inventory rating 8.9 metric ton = 9.8 tons

Method to determine operating rating No rating analysis performed [5] Operating rating 12.5 metric ton = 13.8 tons

Bridge posting Design Load

Functional Details

Average Daily Traffic Average daily truck traffi % Year Future average daily traffic Year

Road classification Lanes on structure Approach roadway width

Type of service on bridge Direction of traffic Bridge median

Parallel structure designation

Type of service under bridge Lanes under structure Navigation control

Navigation vertical clearanc Navigation horizontal clearance

Minimum navigation vertical clearance, vertical lift bridge Minimum vertical clearance over bridge roadway

Minimum lateral underclearance reference feature

Minimum lateral underclearance on right Minimum lateral underclearance on left

Minimum Vertical Underclearance Minimum vertical underclearance reference feature

Appraisal ratings - underclearances

Repair and Replacement Plans

Type of work to be performed

Work done by

Bridge improvement cost Roadway improvement cost

Length of structure improvement Total project cost

Year of improvement cost estimate

Border bridge - state Border bridge - percent responsibility of other state

Border bridge - structure number

Inspection and Sufficiency

| | | | |
|---|--|---------------------------------------|--|
| Structure status | Posted for load [P] | Appraisal ratings - structural | Basically intolerable requiring high priority of corrective action [3] |
| Condition ratings - superstructure | Poor [4] | Appraisal ratings - roadway alignment | Basically intolerable requiring high priority of corrective action [3] |
| Condition ratings - substructure | Poor [4] | Appraisal ratings - deck geometry | N/A [N] |
| Condition ratings - deck | Poor [4] | | |
| Scour | Bridge foundations determined to be stable for the assessed or calculated scour condition. [8] | | |
| Channel and channel protection | Bank protection is being eroded. River control devices and/or embankment have major damage. Trees and rush restrict the channel. [5] | | |
| Appraisal ratings - water adequacy | Equal to present minimum criteria [6] | Status evaluation | Structurally deficient [1] |
| Pier or abutment protection | | Sufficiency rating | 19.5 |
| Culverts | Not applicable. Used if structure is not a culvert. [N] | | |
| Traffic safety features - railings | Inspected feature meets currently acceptable standards. [1] | | |
| Traffic safety features - transitions | Inspected feature meets currently acceptable standards. [1] | | |
| Traffic safety features - approach guardrail | | | |
| Traffic safety features - approach guardrail ends | | | |
| Inspection date | January 2009 [0109] | Designated inspection frequency | 24 Months |
| Underwater inspection | Unknown [N00] | Underwater inspection date | |
| Fracture critical inspection | Every two years [Y24] | Fracture critical inspection date | January 2009 [0109] |
| Other special inspection | Unknown [N00] | Other special inspection date | |