

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] | Marshall County [127] | Unknown [00000] | 83170306 | 42-01-34 = 42.026111 | 092-48-29 = - 92.808056 |
| 242320 | Highway agency district 0 | Owner County Highway Agency [02] | Maintenance responsibility | County Highway Agency [02] | |
| Route 0 | LOCAL(CLOSED) | Toll On free road [3] | Features intersected IOWA RIVER | | |
| Design - main Steel [3] | Design - approach | Kilometerpoint 0 km = 0.0 mi | Year built 1885 | Year reconstructed N/A [0000] | |
| 1 | Truss - Thru [10] | 0 Other [00] | Skew angle 0 | Structure Flared | |
| Total length 45.7 m = 149.9 ft | | | Length of maximum span 45.1 m = 148.0 ft | | Deck width, out-to-out 4.9 m = 16.1 ft |
| Inventory Route, Total Horizontal Clearance 4.9 m = 16.1 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 1.1 km = 0.7 mi | Method to determine inventory rating | No rating analysis performed [5] | Inventory rating | 0 metric ton = 0.0 tons |
| | Method to determine operating rating | No rating analysis performed [5] | Operating rating | 0 metric ton = 0.0 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

Bridge closed to all traffic [K]

Appraisal ratings -
structural

Basically intolerable requiring high priority of corrective action [3]

Condition ratings - superstructure

Appraisal ratings -
roadway alignment

Condition ratings - substructure

Appraisal ratings -
deck geometry

Condition ratings - deck

Scour

Bridge with "unknown" foundation that has not been evaluated for scour. [U]

Channel and channel protection

Appraisal ratings - water adequacy

Somewhat better than minimum adequacy to tolerate being left in place as is [5]

Status evaluation

Structurally deficient [1]

Pier or abutment protection

Sufficiency rating

18.5

Culverts

Not applicable. Used if structure is not a culvert. [N]

Traffic safety features - railings

Traffic safety features - transitions

Traffic safety features - approach guardrail

Traffic safety features - approach guardrail ends

Inspection date

November 2010 [1110]

Designated inspection frequency

24

Months

Underwater inspection

Not needed [N]

Underwater inspection date

Fracture critical inspection

Every two years [Y24]

Fracture critical inspection date

January 1999 [0199]

Other special inspection

Not needed [N]

Other special inspection date