

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] 932806 42-54-20 = 42.905556 094-12-30 = - 94.208333

185160 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 Other [00] Kilometerpoint 0 km = 0.0 mi

1 Truss - Thru [10] 0 Other [00] Year built #Num! Year reconstructed N/A [0000]

Skew angle 0 Structure Flared

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

Total length 37.2 m = 122.1 ft Length of maximum span 36.6 m = 120.1 ft Deck width, out-to-out 5.5 m = 18.0 ft Bridge roadway width, curb-to-curb 5.2 m = 17.1 ft

Inventory Route, Total Horizontal Clearance 5.2 m = 17.1 ft Curb or sidewalk width - left 0 m = 0.0 ft Curb or sidewalk width - right 0 m = 0.0 ft

Deck structure type Concrete Cast-in-Place [1]

Type of wearing surface Monolithic Concrete (concurrently placed with structural deck) [1]

Deck protection

Type of membrane/wearing surface

Weight Limits

Bypass, detour length 0.3 km = 0.2 mi Method to determine inventory rating No rating analysis performed [5] Inventory rating 16.9 metric ton = 18.6 tons

Method to determine operating rating No rating analysis performed [5] Operating rating 27.6 metric ton = 30.4 tons

Bridge posting Equal to or above legal loads [5] Design Load M 13.5 / H 15 [2]

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 other load-capacity restriction [R]

Appraisal ratings -
structural

Meets minimum tolerable limits to be left in place as is [4]

Condition ratings - superstructure

Fair [5]

Appraisal ratings -
roadway alignment

Better than present minimum criteria [7]

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 desirable criteria [8]

Status evaluation

Structurally deficient [1]

Pier or abutment protection

Sufficiency rating

35.6

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