

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]	Linn County [113]	Unknown [00000]	86051903	42-15-07.21 = 4	091-28-47.97 = -9
222760	Highway agency district: 0	Owner County Highway Agency [02]	Maintenance responsibility	County Highway Agency [02]	
Route 0	RED BRIDGE RD	Toll On free road [3]	Features intersected BUFFALO CR		
Design - main	Aluminum, Wrought Iron or Cast Iron [9]	Design - approach	Wood or timber [7]	Kilometerpoint	366.2 km = 227.0 mi
1	Truss - Thru [10]	2	Stringer/Multi-beam or girder [02]	Year built #Num!	Year reconstructed 1988
				Skew angle 0	Structure Flared
				Historical significance Bridge is possibly eligible for the NRHP. [3]	
Total length	29.9 m = 98.1 ft	Length of maximum span	20.7 m = 67.9 ft	Deck width, out-to-out	4.4 m = 14.4 ft
Inventory Route, Total Horizontal Clearance	4 m = 13.1 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	Bituminous [6]				
Deck protection					
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length	Method to determine inventory rating	Allowable Stress(AS) [2]	Inventory rating	4.5 metric ton = 5.0 tons
1 km = 0.6 mi	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	9.1 metric ton = 10.0 tons
	Bridge posting	10.0 - 19.9 % below [3]	Design Load	M 9 / H 10 [1]

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 replacement [2]
Condition ratings - substructure	Poor [4]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of corrective action [3]
Condition ratings - deck	Satisfactory [6]		
Scour	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]		
Channel and channel protection	Bank protection is in need of minor repairs. River control devices and embankment protection have a little minor damage. Banks and/or channel have minor amounts of drift. [7]		
Appraisal ratings - water adequacy	Equal to present desirable criteria [8]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	15.4
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			
Traffic safety features - approach guardrail	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail ends			
Inspection date	July 2018 [0718]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	July 2018 [0718]
Other special inspection	Not needed [N]	Other special inspection date	