

The National Bridge Inventory contains data submitted by state transportation departments to the Federal Highway Administration in coded format.
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Basic Information

Iowa [19]	Tama County [171]	Unknown [00000]	82132603	41-53-02 = 41.883889	092-20-07 = - 92.335278
316660	Highway agency district 0	Owner County Highway Agency [02]	Maintenance responsibility	County Highway Agency [02]	
Route 0	FM	Toll On free road [3]	Features intersected IOWA RIVER		
Design - main Steel [3]	Design - approach Steel [3]	Kilometerpoint 0 km = 0.0 mi	Year built 1890	Year reconstructed 1938	
2	Truss - Thru [10]	1	Stringer/Multi-beam or girder [02]	Skew angle 0	Structure Flared
			Historical significance Bridge is eligible for the NRHP. [2]		
Total length 105.2 m = 345.2 ft	Length of maximum span 48.5 m = 159.1 ft	Deck width, out-to-out 4.9 m = 16.1 ft	Bridge roadway width, curb-to-curb 4.6 m = 15.1 ft		
Inventory Route, Total Horizontal Clearance 4.6 m = 15.1 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 1.4 km = 0.9 mi	Method to determine inventory rating	Allowable Stress(AS) [2]	Inventory rating	0 metric ton = 0.0 tons
	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	0 metric ton = 0.0 tons
Bridge posting		Design Load		

Functional Details

Average Daily Traffic	50	Average daily truck traffi	0	%	Year	2009	Future average daily traffic	73	Year	2030
Road classification	Minor Collector (Rural) [08]		Lanes on structure	1		Approach roadway width	6.7 m = 22.0 ft			
Type of service on bridge	Highway [1]		Direction of traffic	One lane bridge for 2 - way traffic [3]		Bridge median				
Parallel structure designation	No parallel structure exists. [N]									
Type of service under bridge	Waterway [5]		Lanes under structure	0		Navigation control				
Navigation vertical clearanc	0 = N/A		Navigation horizontal clearance	0 = N/A						
Minimum navigation vertical clearance, vertical lift bridge	0 m = 0.0 ft				Minimum vertical clearance over bridge roadway	3.84 m = 12.6 ft				
Minimum lateral underclearance reference feature	Feature not a highway or railroad [N]									
Minimum lateral underclearance on right	0 = N/A				Minimum lateral underclearance on left	0 = N/A				
Minimum Vertical Underclearance	0 = N/A		Minimum vertical underclearance reference feature	Feature not a highway or railroad [N]						
Appraisal ratings - underclearances	N/A [N]									

Repair and Replacement Plans

Type of work to be performed	Work done by	Work to be done by contract [1]								
Replacement of bridge or other structure because of substandard load carrying capacity or substantial bridge roadway geometry. [31]	Bridge improvement cost	1083000	Roadway improvement cost	108000						
	Length of structure improvement	380 m = 1246.8 ft		Total project cost						
	Year of improvement cost estimate	2007								
	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

Condition ratings - superstructure

Appraisal ratings -
roadway alignment

Condition ratings - substructure

Appraisal ratings -
deck geometry

Condition ratings - deck

Scour

Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]

Channel and channel protection

Bank is beginning to slump. River control devices and embankment protection have widespread minor damage. There is minor stream bed movement evident. Debris is restricting the channel slightly. [6]

Appraisal ratings - water adequacy

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

Status evaluation

Structurally deficient [1]

Pier or abutment protection

Sufficiency rating

0

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

September 2010 [0910]

Designated inspection frequency

24

Months

Underwater inspection

Not needed [N]

Underwater inspection date

Fracture critical inspection

Every two years [Y24]

Fracture critical inspection date

November 2007 [1107]

Other special inspection

Not needed [N]

Other special inspection date