

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]	Hardin County [083]	Unknown [02045]	971624	42-31-00 = 42.516667	093-16-10 = - 93.269444
6610	Highway agency district 1	Owner City or Municipal Highway Agency [04]	Maintenance responsibility City or Municipal Highway Agency [04]		
Route 0	RIVER ST	Toll On free road [3]	Features intersected IOWA RIVER		
Design - main Concrete continuous [2]	Design - approach	Kilometerpoint 0 km = 0.0 mi	Year built 1922	Year reconstructed 1984	
1 Arch - Deck [11]	0 Other [00]	Skew angle 0	Structure Flared	Historical significance Bridge is eligible for the NRHP. [2]	
Total length 54.9 m = 180.1 ft	Length of maximum span 42.7 m = 140.1 ft	Deck width, out-to-out 13.7 m = 44.9 ft	Bridge roadway width, curb-to-curb 9.1 m = 29.9 ft		
Inventory Route, Total Horizontal Clearance 9 m = 29.5 ft	Curb or sidewalk width - left 1.5 m = 4.9 ft	Curb or sidewalk width - right 1.5 m = 4.9 ft			
Deck structure type Concrete Cast-in-Place [1]					
Type of wearing surface					
Deck protection					
Type of membrane/wearing surface					

**Weight Limits**

Bypass, detour length 0 km = 0.0 mi	Method to determine inventory rating No rating analysis performed [5]	Inventory rating 22.5 metric ton = 24.8 tons
	Method to determine operating rating No rating analysis performed [5]	Operating rating 30.6 metric ton = 33.7 tons
Bridge posting Equal to or above legal loads [5]	Design Load M 18 / H 20 [4]	

### Functional Details

Average Daily Traffic	<input type="text" value="3050"/>	Average daily truck traffi	<input type="text" value="0"/>	%	Year	<input type="text" value="2005"/>	Future average daily traffic	<input type="text" value="4531"/>	Year	<input type="text" value="2028"/>
Road classification	<input type="text" value="Minor Collector (Rural) [08]"/>		Lanes on structure	<input type="text" value="2"/>		Approach roadway width	<input type="text" value="9.1 m = 29.9 ft"/>			
Type of service on bridge	<input type="text" value="Highway-pedestrian [5]"/>		Direction of traffic	<input type="text" value="2 - way traffic [2]"/>		Bridge median	<input type="text"/>			
Parallel structure designation	<input type="text" value="No parallel structure exists. [N]"/>									
Type of service under bridge	<input type="text" value="Waterway [5]"/>		Lanes under structure	<input type="text" value="0"/>		Navigation control	<input type="text"/>			
Navigation vertical clearanc	<input type="text" value="0 = N/A"/>			Navigation horizontal clearance	<input type="text" value="0 = N/A"/>					
Minimum navigation vertical clearance, vertical lift bridge	<input type="text" value="0 m = 0.0 ft"/>				Minimum vertical clearance over bridge roadway	<input type="text" value="99.99 m = 328.1 ft"/>				
Minimum lateral underclearance reference feature	<input type="text" value="Feature not a highway or railroad [N]"/>									
Minimum lateral underclearance on right	<input type="text" value="0 = N/A"/>				Minimum lateral underclearance on left	<input type="text" value="0 = N/A"/>				
Minimum Vertical Underclearance	<input type="text" value="0 = N/A"/>			Minimum vertical underclearance reference feature	<input type="text" value="Feature not a highway or railroad [N]"/>					
Appraisal ratings - underclearances	<input type="text" value="N/A [N]"/>									

### Repair and Replacement Plans

Type of work to be performed	Work done by <input type="text" value="Work to be done by contract [1]"/>				
<input type="text" value="Replacement of bridge or other structure because of substandard load carrying capacity or substantial bridge roadway geometry. [31]"/>	Bridge improvement cost	<input type="text" value="891000"/>	Roadway improvement cost	<input type="text" value="89000"/>	
	Length of structure improvement	<input type="text" value="64.6 m = 212.0 ft"/>		Total project cost	<input type="text" value="1337000"/>
	Year of improvement cost estimate	<input type="text"/>			
	Border bridge - state	<input type="text"/>	Border bridge - percent responsibility of other state	<input type="text"/>	
	Border bridge - structure number	<input type="text"/>			

## Inspection and Sufficiency

Structure status	<input type="text" value="Open, no restriction [A]"/>	Appraisal ratings - structural	<input type="text" value="Equal to present minimum criteria [6]"/>
Condition ratings - superstructure	<input type="text" value="Very Good [8]"/>	Appraisal ratings - roadway alignment	<input type="text" value="Better than present minimum criteria [7]"/>
Condition ratings - substructure	<input type="text" value="Very Good [8]"/>	Appraisal ratings - deck geometry	<input type="text" value="Meets minimum tolerable limits to be left in place as is [4]"/>
Condition ratings - deck	<input type="text" value="Good [7]"/>		
Scour	<input [u]"="" been="" evaluated="" for="" foundation="" has="" not="" scour.="" that="" type="text" unknown\"="" value="Bridge with \"/>		
Channel and channel protection	<input type="text" value="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	<input type="text" value="Equal to present minimum criteria [6]"/>	Status evaluation	<input type="text"/>
Pier or abutment protection	<input type="text"/>	Sufficiency rating	<input type="text" value="70.9"/>
Culverts	<input type="text" value="Not applicable. Used if structure is not a culvert. [N]"/>		
Traffic safety features - railings	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Traffic safety features - transitions	<input type="text"/>		
Traffic safety features - approach guardrail	<input type="text"/>		
Traffic safety features - approach guardrail ends	<input type="text"/>		
Inspection date	<input type="text" value="May 2008 [0508]"/>	Designated inspection frequency	<input type="text" value="24"/> Months
Underwater inspection	<input type="text" value="Unknown [N00]"/>	Underwater inspection date	<input type="text"/>
Fracture critical inspection	<input type="text" value="Unknown [N00]"/>	Fracture critical inspection date	<input type="text"/>
Other special inspection	<input type="text" value="Unknown [N00]"/>	Other special inspection date	<input type="text"/>