

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]	Bremer County [017]	Unknown [08190]	0	42-43-14.22 = 42.720617	092-28-00.51 = -92.466808
00000000012250	Highway agency district: 0	Owner City or Municipal Highway Agency [04]	Maintenance responsibility City or Municipal Highway Agency [04]		
Route 0	3RD ST SE	Toll On free road [3]	Features intersected CEDAR RIVER		
Design - main Steel [3]	Design - approach Other [00]	Kilometerpoint 0 km = 0.0 mi	Year built 1917	Year reconstructed 2006	
3	Truss - Thru [10]	Skew angle 0	Structure Flared	Historical significance Bridge is possibly eligible for the NRHP. [3]	
Total length 110.6 m = 362.9 ft	Length of maximum span 36.9 m = 121.1 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 1.5 m = 4.9 ft			
Deck structure type	Open Grating [3]				
Type of wearing surface					
Deck protection					
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length 0.3 km = 0.2 mi	Method to determine inventory rating		Inventory rating 0 metric ton = 0.0 tons
	Method to determine operating rating		Operating rating 0 metric ton = 0.0 tons
Bridge posting		Design Load	

Functional Details

Average Daily Traffic	3130	Average daily truck traffi	0	%	Year	2009	Future average daily traffic	5128	Year	2035
Road classification	Collector (Urban) [17]	Lanes on structure	1	Approach roadway width	10.4 m = 34.1 ft					
Type of service on bridge	Highway-pedestrian [5]	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	3.76 m = 12.3 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	770000	Roadway improvement cost	80000						
	Length of structure improvement	500 m = 1640.5 ft		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	
Condition ratings - superstructure	Serious [3]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Poor [4]	Appraisal ratings - deck geometry	
Condition ratings - deck	Good [7]		

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	Better than present minimum criteria [7]	Status evaluation	
------------------------------------	--	-------------------	--

Pier or abutment protection		Sufficiency rating	22.9
-----------------------------	--	--------------------	------

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	February 2015 [0215]	Designated inspection frequency	24	Months
Underwater inspection	Not needed [N]	Underwater inspection date		
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	February 2015 [0215]	
Other special inspection	Not needed [N]	Other special inspection date		