

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]	Howard County [089]	Unknown [00000]	1001124	43-28-20 = 43.472222	092-05-00 = - 92.083333
183540	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	NICHOLS CREEK	
Design - main Steel [3]	Design - approach	Kilometerpoint 0 km = 0.0 mi	Year built 1925	Year reconstructed N/A [0000]	
1	Truss - Thru [10]	0 Other [00]	Skew angle 0	Structure Flared	
			Historical significance	Bridge is not eligible for the NRHP. [5]	
Total length 13.1 m = 43.0 ft	Length of maximum span 12.2 m = 40.0 ft	Deck width, out-to-out 5.6 m = 18.4 ft	Bridge roadway width, curb-to-curb	5.4 m = 17.7 ft	
Inventory Route, Total Horizontal Clearance 5.4 m = 17.7 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	Other [9]				
Deck protection					
Type of membrane/wearing surface					

**Weight Limits**

Bypass, detour length 0.6 km = 0.4 mi	Method to determine inventory rating	Allowable Stress(AS) [2]	Inventory rating	9.8 metric ton = 10.8 tons
	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	13.4 metric ton = 14.7 tons
	Bridge posting		Design Load	

### 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

Fair [5]

Appraisal ratings -  
roadway alignment

Better than present minimum criteria [7]

Condition ratings - substructure

Poor [4]

Appraisal ratings -  
deck geometry

Basically intolerable requiring high priority of corrective action [3]

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 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

25.6

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

August 2008 [0808]

Designated inspection frequency

12

Months

Underwater inspection

Unknown [N00]

Underwater inspection date

Fracture critical inspection

Every year [Y12]

Fracture critical inspection date

August 2008 [0808]

Other special inspection

Unknown [N00]

Other special inspection date