

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]	Scott County [163]	Unknown [01827]	0	41-31-08 = 41.518889	090-34-00 = - 90.566667
699340	Highway agency district 0	Owner Corps of Engineers (Civil) [70]	Maintenance responsibility Corps of Engineers (Civil) [70]		
Route 0	FORT RD & RR	Toll On free road [3]	Features intersected MISSISSIPPI RIVER		
Design - main Steel [3]	Design - approach	Kilometerpoint 0 km = 0.0 mi	Year built 1895	Year reconstructed 1997	
8	Movable - Swing [17]	0	Other [00]	Skew angle 0	Structure Flared
		Historical significance	Bridge is possibly eligible for the NRHP. [3]		
Total length 474.9 m = 1558.1 ft	Length of maximum span 112.8 m = 370.1 ft	Deck width, out-to-out 10.3 m = 33.8 ft	Bridge roadway width, curb-to-curb 7.7 m = 25.3 ft		
Inventory Route, Total Horizontal Clearance 7.7 m = 25.3 ft	Curb or sidewalk width - left 6 m = 19.7 ft	Curb or sidewalk width - right 6 m = 19.7 ft			
Deck structure type	Concrete Cast-in-Place [1]				
Type of wearing surface	Monolithic Concrete (concurrently placed with structural deck) [1]				
Deck protection	Epoxy Coated Reinforcing [1]				
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length 1 km = 0.6 mi	Method to determine inventory rating	No rating analysis performed [5]	Inventory rating	23.3 metric ton = 25.6 tons
	Method to determine operating rating	No rating analysis performed [5]	Operating rating	44 metric ton = 48.4 tons
Bridge posting	Equal to or above legal loads [5]	Design Load	MS 18 / HS 20 [5]	

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	<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="Good [7]"/>	Appraisal ratings - roadway alignment	<input type="text" value="Basically intolerable requiring high priority of corrective action [3]"/>
Condition ratings - substructure	<input type="text" value="Satisfactory [6]"/>	Appraisal ratings - deck geometry	<input type="text" value="Basically intolerable requiring high priority of corrective action [3]"/>
Condition ratings - deck	<input type="text" value="Good [7]"/>		
Scour	<input type="text" value="Scour calculation/evaluation has not been made. [6]"/>		
Channel and channel protection	<input type="text" value="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	<input type="text" value="Better than present minimum criteria [7]"/>	Status evaluation	<input type="text" value="Functionally obsolete [2]"/>
Pier or abutment protection	<input type="text" value="None present but re-evaluation suggested [5]"/>	Sufficiency rating	<input type="text" value="69.1"/>
Culverts	<input type="text" value="Not applicable. Used if structure is not a culvert. [N]"/>		
Traffic safety features - railings	<input type="text"/>		
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="September 2002 [0902]"/>	Designated inspection frequency	<input type="text" value="24"/> Months
Underwater inspection	<input type="text" value="Not needed [N]"/>	Underwater inspection date	<input type="text"/>
Fracture critical inspection	<input type="text" value="Not needed [N]"/>	Fracture critical inspection date	<input type="text"/>
Other special inspection	<input type="text" value="Not needed [N]"/>	Other special inspection date	<input type="text"/>

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Basic Information

Illinois [17]	Rock Island County [161]	Rock Island [65078]	ROCK ISLAND ARSENAL	41-31-10 = 41.5	090-33-20 = -90.5
000000000819903	Highway agency district 2	Owner Army [74]	Maintenance responsibility Army [74]		
Route 0	FT ARMSTRNG AV, RR	Toll On free road [3]	Features intersected US67,MISSRVR,L&D15,CPRR		
Design - main Steel [3]	Design - approach Steel [3]	Kilometerpoint 0 km = 0.0 mi	Year built 1896	Year reconstructed N/A [0000]	
1 Movable - Swing [17]	7 Truss - Thru [10]	Skew angle 0	Structure Flared		
		Historical significance	Bridge is on the NRHP. [1]		
Total length 564.3 m = 1851.5 ft	Length of maximum span 78.6 m = 257.9 ft	Deck width, out-to-out 8.2 m = 26.9 ft	Bridge roadway width, curb-to-curb 7.1 m = 23.3 ft		
Inventory Route, Total Horizontal Clearance 7.1 m = 23.3 ft	Curb or sidewalk width - left 2 m = 6.6 ft	Curb or sidewalk width - right 2 m = 6.6 ft			
Deck structure type	Open Grating [3]				
Type of wearing surface					
Deck protection	Galvanized Reinforcing [2]				
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length 0.3 km = 0.2 mi	Method to determine inventory rating	Allowable Stress(AS) [2]	Inventory rating	22.1 metric ton = 24.3 tons
	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	34.7 metric ton = 38.2 tons
Bridge posting	Equal to or above legal loads [5]	Design Load	MS 18 / HS 20 [5]	

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

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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	<input type="text" value="Open, no restriction [A]"/>	Appraisal ratings - structural	<input type="text" value="Somewhat better than minimum adequacy to tolerate being left in place as is [5]"/>
Condition ratings - superstructure	<input type="text" value="Satisfactory [6]"/>	Appraisal ratings - roadway alignment	<input type="text" value="Basically intolerable requiring high priority of corrective action [3]"/>
Condition ratings - substructure	<input type="text" value="Fair [5]"/>	Appraisal ratings - deck geometry	<input type="text" value="Basically intolerable requiring high priority of replacement [2]"/>
Condition ratings - deck	<input type="text" value="Good [7]"/>		
Scour	<input type="text" value="Scour calculation/evaluation has not been made. [6]"/>		
Channel and channel protection	<input type="text" value="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	<input type="text" value="Equal to present desirable criteria [8]"/>	Status evaluation	<input type="text" value="Functionally obsolete [2]"/>
Pier or abutment protection	<input type="text" value="In place and functioning [2]"/>	Sufficiency rating	<input type="text" value="43"/>
Culverts	<input type="text" value="Not applicable. Used if structure is not a culvert. [N]"/>		
Traffic safety features - railings	<input type="text"/>		
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="October 2008 [1008]"/>	Designated inspection frequency	<input type="text" value="24"/> Months
Underwater inspection	<input type="text" value="Unknown [Y48]"/>	Underwater inspection date	<input type="text" value="September 2008 [0908]"/>
Fracture critical inspection	<input type="text" value="Every year [Y12]"/>	Fracture critical inspection date	<input type="text" value="October 2008 [1008]"/>
Other special inspection	<input type="text" value="Not needed [N]"/>	Other special inspection date	<input type="text"/>