HistoricBridges.org - National Bridge Inventory Data Sheet

2010 Inventory

The National Bridge Inventory contains data submitted by state transportion 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]	Winneshiek County [191]	Unknown [01065]	982326	43-17-50 = 43.297222	091-48-30 = -91.808333

3480	Highway agency district 2	Owner: City or Municipal Highway Agency [04]	Maintenance responsibility: City or Municipal Highway Agency [04]		

Route: 0		ONEOTA DR	Toll: On free road [3]	Features intersected: DRAINAGE CHANNEL	

Design - main: Steel [3]		Design - approach		Kilometerpoint: 0 km = 0.0 mi	
1	Truss - Thru [10]	0	Other [00]	Year built: 1948	Year reconstructed: N/A [0000]
				Skew angle: 0	Structure Flared:
				Historical significance: Bridge is not eligible for the NRHP. [5]	

Total length: 28 m = 91.9 ft	Length of maximum span: 27.4 m = 89.9 ft	Deck width, out-to-out: 6.2 m = 20.3 ft	Bridge roadway width, curb-to-curb: 5.7 m = 18.7 ft		
Inventory Route, Total Horizontal Clearance: 5.7 m = 18.7 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: Monolithic Concrete (concurrently placed with structural deck) [1]

Deck protection:

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: 16.9 metric ton = 18.6 tons		
	Method to determine operating rating: Allowable Stress(AS) [2]		Operating rating: 24.9 metric ton = 27.4 tons		
	Bridge posting: Equal to or above legal loads [5]		Design Load:		

Functional Details

Average Daily Traffic	240	Average daily truck traffi	0 %	Year	2000	Future average daily traffic	240
Year	2028						
Road classification	Local (Urban) [19]	Lanes on structure	2	Approach roadway width	7.3 m = 24.0 ft		
Type of service on bridge	Highway [1]	Direction of traffic	2 - way traffic [2]	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	99.99 m = 328.1 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

Replacement of bridge or other structure because of substandard load carrying capacity or substantial bridge roadway geometry. [31]

Work done by	Work to be done by contract [1]		
Bridge improvement cost	186000	Roadway improvement cost	19000
Length of structure improvement	37.2 m = 122.1 ft	Total project cost	279000
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 other load-capacity restriction [R]	Appraisal ratings - structural	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - superstructur	Fair [5]	Appraisal ratings - roadway alignment	Basically intolerable requiring high priority of corrrective action [3]
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of corrrective action [3]
Condition ratings - deck	Fair [5]		
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	Equal to present desirable criteria [8]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection		Sufficiency rating	45
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	January 2008 [0108]	Designated inspection frequency	24 Months
Underwater inspection	Unknown [N00]	Underwater inspection date	
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	January 2008 [0108]
Other special inspection	Unknown [N00]	Other special inspection date	