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 [00000]	971003	43-15-20 = 43.255556	092-00-30 = -92.008333

361080	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: TURKEY RIVER	

Design - main: Steel [3]		Design - approach:		Kilometerpoint: 0 km = 0.0 mi	
1	Truss - Thru [10]	0	Other [00]	Year built: #Num!	Year reconstructed: N/A [0000]
				Skew angle: 0	Structure Flared:
				Historical significance: Bridge is possibly eligible for the NRHP. [3]	

Total length: 33.5 m = 109.9 ft	Length of maximum span: 33.5 m = 109.9 ft	Deck width, out-to-out: 4.8 m = 15.7 ft	Bridge roadway width, curb-to-curb: 4.4 m = 14.4 ft		
Inventory Route, Total Horizontal Clearance: 4.4 m = 14.4 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 km = 0.0 mi	Method to determine inventory rating: No rating analysis performed [5]	Inventory rating: 9.9 metric ton = 10.9 tons			
	Method to determine operating rating: No rating analysis performed [5]	Operating rating: 16.2 metric ton = 17.8 tons			
	Bridge posting: Equal to or above legal loads [5]	Design Load:			

Functional Details

Average Daily Traffic	30	Average daily truck traffi	0 %	Year	2001	Future average daily traffic	30
Year	2029						
Road classification	Local (Rural) [09]	Lanes on structure	1	Approach roadway width	0 m = 0.0 ft		
Type of service on bridge	Highway [1]	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	3.81 m = 12.5 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

Bridge rehabilitation because of general structure deterioration or inadequate strength. [35]

Work done by	Work to be done by contract [1]		
Bridge improvement cost	213000	Roadway improvement cost	28000
Length of structure improvement	45.7 m = 149.9 ft	Total project cost	241000
Year of improvement cost estimate			
Border bridge - state		Border bridge - percent responsibility of other state	
Border bridge - structure number			

Inspection and Sufficiency

Structure status	Open, no restriction [A]	Appraisal ratings - structural	Basically intolerable requiring high priority of corrrective action [3]
Condition ratings - superstructur	Fair [5]	Appraisal ratings - roadway alignment	Meets minimum tolerable limits to be left in place as is [4]
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 with "unknown" foundation that has not been evaluated for scour. [U]
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	Equal to present minimum criteria [6]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection		Sufficiency rating	28.5

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	March 2009 [0309]	Designated inspection frequency	24	Months

Underwater inspection	Unknown [N00]	Underwater inspection date	
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	March 2009 [0309]
Other special inspection	Unknown [N00]	Other special inspection date	