HistoricBridges.org - National Bridge Inventory Data Sheet

2012 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

Illinois [17]	Iroquois County [075]	Ridgeland [63901]	1.5 MI E. CH 8	40-41-32 = 40.6	088-03-26 = -88.0

38533109151 | Highway agency district: 3 | Owner: Town or Township Highway Agency [03] | Maintenance responsibility: Town or Township Highway Agency [03]

Route: #Num! | | TR 239A | Toll: On free road [3] | Features intersected: TRIB. TO SPRING CR

Design - main	Steel [3]	Design - approach	
1	Truss - Thru [10]	0	Other [00]

Kilometerpoint: 234.9 km = 145.6 mi

Year built: 1901 | Year reconstructed: #Num!

Skew angle: 0 | Structure Flared:

Historical significance: Bridge is not eligible for the NRHP. [5]

Total length: 18.5 m = 60.7 ft | Length of maximum span: 17.9 m = 58.7 ft | Deck width, out-to-out: 4.9 m = 16.1 ft | Bridge roadway width, curb-to-curb: 4.9 m = 16.1 ft

Inventory Route, Total Horizontal Clearance: 4.8 m = 15.7 ft | Curb or sidewalk width - left: 0 m = 0.0 ft | Curb or sidewalk width - right: 0 m = 0.0 ft

Deck structure type: Wood or Timber [8]

Type of wearing surface: Wood or Timber [7]

Deck protection:

Type of membrane/wearing surface:

Weight Limits

Bypass, detour length: 0.1 km = 0.1 mi

Method to determine inventory rating: Allowable Stress(AS) [2] | Inventory rating: 0 metric ton = 0.0 tons

Method to determine operating rating: Allowable Stress(AS) [2] | Operating rating: 0 metric ton = 0.0 tons

Bridge posting: | Design Load:

Functional Details

Average Daily Traffic	25	Average daily truck traffi		%	Year 2009	Future average daily traffic 26	Year 2032
Road classification	Local (Rural) [09]	Lanes on structure	1	Approach roadway width	7.3 m = 24.0 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		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	102000	Roadway improvement cost	10000
Length of structure improvement	25.9 m = 85.0 ft	Total project cost	153000
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 - superstructur		Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure		Appraisal ratings - deck geometry	Basically intolerable requiring high priority of corrrective action [3]
Condition ratings - deck			
Scour	Bridge foundations determined to be stable for assessed or calculated scour condition. [5]		
Channel and channel protection	Bank protection is being eroded. River control devices and/or embankment have major damage. Trees and rush restrict the channel. [5]		
Appraisal ratings - water adequacy	Equal to present minimum criteria [6]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	19.5
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings			
Traffic safety features - transitions	Inpected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail	Inpected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail ends	Inpected feature meets currently acceptable standards. [1]		
Inspection date	October 2010 [1010]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Not needed [N]	Fracture critical inspection date	
Other special inspection	Not needed [N]	Other special inspection date	