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]	Fountain Creek [27286]	2 MI E. ILL 49	40-29-14 = 40.4	087-51-27 = -87.8

38413809095	Highway agency district 3	Owner	Town or Township Highway Agency [03]	Maintenance responsibility	Town or Township Highway Agency [03]

Route	156	TR 156	Toll	On free road [3]	Features intersected WHISKEY CR

Design - main	Steel [3]	Design - approach		Kilometerpoint	313.8 km = 194.6 mi
1	Truss - Thru [10]	0	Other [00]	Year built 1896	Year reconstructed 1933
				Skew angle 0	Structure Flared
				Historical significance	Bridge is not eligible for the NRHP. [5]

Total length	16.8 m = 55.1 ft	Length of maximum span	16.1 m = 52.8 ft	Deck width, out-to-out	4.8 m = 15.7 ft	Bridge roadway width, curb-to-curb	4.8 m = 15.7 ft

Inventory Route, Total Horizontal Clearance	4.7 m = 15.4 ft	Curb or sidewalk width - left	0 m = 0.0 ft	Curb or sidewalk width - right	0 m = 0.0 ft

Deck structure type	Wood or Timber [8]
Type of wearing surface	Wood or Timber [7]
Deck protection	
Type of membrane/wearing surface	

Weight Limits

Bypass, detour length	Method to determine inventory rating	No rating analysis performed [5]	Inventory rating	0 metric ton = 0.0 tons
0.3 km = 0.2 mi	Method to determine operating rating	No rating analysis performed [5]	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	92000	Roadway improvement cost	9000
Length of structure improvement	23.5 m = 77.1 ft	Total project cost	138000
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	Serious [3]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Imminent Failure [1]	Appraisal ratings - deck geometry	Equal to present desirable criteria [8]
Condition ratings - deck	Fair [5]		

Scour	Bridge foundations determined to be stable for assessed or calculated scour condition. [5]
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	Better than present minimum criteria [7]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	26.2

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 2011 [1011]	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	