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]	4 MI E ILL RTE 49	40-30-06 = 40.5	087-49-15 = -87.8

38413509259	Highway agency district: 3	Owner: Town or Township Highway Agency [03]	Maintenance responsibility: Town or Township Highway Agency [03]		
Route: 371		TR 371	Toll: On free road [3]	Features intersected: FOUNTAIN CR	
Design - main: Steel [3]		Design - approach:		Kilometerpoint: 653.3 km = 405.0 mi	
1	Truss - Thru [10]	0	Other [00]	Year built: 1890	Year reconstructed: #Num!
				Skew angle: 0	Structure Flared:
				Historical significance: Bridge is not eligible for the NRHP. [5]	

Total length: 18.9 m = 62.0 ft	Length of maximum span: 18 m = 59.1 ft	Deck width, out-to-out: 4.9 m = 16.1 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: 0.3 km = 0.2 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	75	Average daily truck traffi		%	Year 2002	Future average daily traffic 78	Year 2032

Road classification	Local (Rural) [09]	Lanes on structure	1	Approach roadway width	6.7 m = 22.0 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	105000	Roadway improvement cost	11000
Length of structure improvement	26.5 m = 86.9 ft	Total project cost	158000
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	Equal to present desirable criteria [8]
Condition ratings - deck			
Scour	Bridge foundations determined to be stable for assessed or calculated scour condition. [5]		
Channel and channel protection			
Appraisal ratings - water adequacy	Equal to present minimum criteria [6]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	22.1
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	November 2010 [1110]	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	