HistoricBridges.org - National Bridge Inventory Data Sheet

2015 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]	Shelby County [173]	Unknown [00000]	5.4 MI SE OCONEE	39-15-58.76 = 3	089-00-24.67 = -8

87323100000000 | Highway agency district: 7 | Owner: Town or Township Highway Agency [03] | Maintenance responsibility: Town or Township Highway Agency [03]

Route: 0 | | TR 373 | Toll: On free road [3] | Features intersected: BECK'S CREEK

Design - main	Steel [3]	Design - approach		Kilometerpoint	280 km = 173.6 mi
1	Truss - Thru [10]	0	Other [00]	Year built	1991
				Year reconstructed	
				Skew angle	0
				Structure Flared	
				Historical significance	Bridge is not eligible for the NRHP. [5]

Total length	19.8 m = 65.0 ft	Length of maximum span	19.8 m = 65.0 ft	Deck width, out-to-out	4.3 m = 14.1 ft	Bridge roadway width, curb-to-curb	4.1 m = 13.5 ft
Inventory Route, Total Horizontal Clearance	4.1 m = 13.5 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:

Deck protection:

Type of membrane/wearing surface:

Weight Limits

Bypass, detour length: 1 km = 0.6 mi

Method to determine inventory rating: No rating analysis or evaluation perfor

Method to determine operating rating: No rating analysis or evaluation perfor

Bridge posting:

Inventory rating: 0 metric ton = 0.0 tons

Operating rating: 0 metric ton = 0.0 tons

Design Load:

Functional Details

Average Daily Traffic	10	Average daily truck traffi	0 %	Year	2009	Future average daily traffic	12
Year	2032						
Road classification	Local (Rural) [09]	Lanes on structure	1	Approach roadway width	4.3 m = 14.1 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	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	319000	Roadway improvement cost	36000
Length of structure improvement	19.8 m = 65.0 ft	Total project cost	355000
Year of improvement cost estimate	2009		
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 - superstructure	Poor [4]	Appraisal ratings - roadway alignment	Equal to present minimum criteria [6]
Condition ratings - substructure	Fair [5]	Appraisal ratings - deck geometry	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - deck	Poor [4]		

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	Somewhat better than minimum adequacy to tolerate being left in place as is [5]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	20.9

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 2013 [0313]	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	