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

Oklahoma [40]	Rogers County [131]	Unknown [00000]	3.3 MI N JCT I-44	36-12-29.18 = 36.208106	095-43-29.72 = -95.724922

136880000000000 | Highway agency district: 8 | Owner: State Highway Agency [01] | Maintenance responsibility: State Highway Agency [01]

Route: 66 | S.H. 66 NB | Toll: On free road [3] | Features intersected: BIRD CREEK & RD. UNDER

Design - main	Steel [3]	Design - approach		Kilometerpoint	592.1 km = 367.1 mi
6	Truss - Thru [10]	0	Other [00]	Year built: 1956	Year reconstructed: 1979
				Skew angle: 0	Structure Flared:
				Historical significance	Bridge is not eligible for the NRHP. [5]

Total length	251.4 m = 824.8 ft	Length of maximum span	64.7 m = 212.3 ft	Deck width, out-to-out	9.6 m = 31.5 ft	Bridge roadway width, curb-to-curb	9.1 m = 29.9 ft
Inventory Route, Total Horizontal Clearance	9.1 m = 29.9 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: Unknown [8]

Type of membrane/wearing surface: Unknown [8]

Weight Limits

Bypass, detour length	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	25.9 metric ton = 28.5 tons	
0 km = 0.0 mi	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	43.1 metric ton = 47.4 tons	
	Bridge posting	Equal to or above legal loads [5]	Design Load	M 18 / H 20 [4]	

Functional Details

Average Daily Traffic	6750	Average daily truck traffi	7 %	Year	2013	Future average daily traffic	10800
Year	2033						
Road classification	Collector (Urban) [17]	Lanes on structure	2	Approach roadway width	11.3 m = 37.1 ft		
Type of service on bridge	Highway [1]	Direction of traffic	1 - way traffic [1]	Bridge median			
Parallel structure designation	The right structure of parallel bridges carrying the roadway in the direction of the inventory. [R]						
Type of service under bridge	Highway-waterway [6]	Lanes under structure	2	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	4.83 m = 15.8 ft				
Minimum lateral underclearance reference feature	Highway beneath structure [H]						
Minimum lateral underclearance on right	4.6 m = 15.1 ft	Minimum lateral underclearance on left	99.9 = Unlimited				
Minimum Vertical Underclearance	5.05 m = 16.6 ft	Minimum vertical underclearance reference feature	Highway beneath structure [H]				
Appraisal ratings - underclearances	Superior to present desirable criteria [9]						

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	3226000	Roadway improvement cost	4500000
Length of structure improvement	251.5 m = 825.2 ft	Total project cost	8164000
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	Open, no restriction [A]	Appraisal ratings - structural	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - superstructure	Fair [5]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings - deck geometry	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - deck	Fair [5]		

Scour	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]
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	
Pier or abutment protection		Sufficiency rating	60.6

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 2013 [1113]	Designated inspection frequency	24	Months

Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	November 2013 [1113]
Other special inspection	Every two years [Y24]	Other special inspection date	November 2014 [1114]