

The National Bridge Inventory contains data submitted by state transportation departments to the Federal Highway Administration in coded format.
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Basic Information

Oklahoma [40]	Osage County [113]	Unknown [00000]	5.1 MI. N. JCT. SH10	36-56-19.39 = 36.938719	096-12-17.25 = -96.204792
045930000000000	Highway agency district: 8	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 99	S.H. 99	Toll On free road [3]	Features intersected	POND CREEK	
Design - main 1	Steel [3]	Design - approach 3	Steel [3]	Kilometerpoint 2460.2 km = 1525.3 mi	Year built 1935
	Truss - Thru [10]		Stringer/Multi-beam or girder [02]	Year reconstructed 1950	Skew angle 0
				Structure Flared	Historical significance Historical significance is not determinable at this time. [4]
Total length	96 m = 315.0 ft	Length of maximum span	48.8 m = 160.1 ft	Deck width, out-to-out	8.2 m = 26.9 ft
Inventory Route, Total Horizontal Clearance	7.3 m = 24.0 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 8.4 km = 5.2 mi	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	18.1 metric ton = 19.9 tons
	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	18.2 metric ton = 20.0 tons
Bridge posting	10.0 - 19.9 % below [3]		Design Load	M 13.5 / H 15 [2]

Functional Details

Average Daily Traffic	480	Average daily truck traffi	16	%	Year	2013	Future average daily traffic	768	Year	2033
Road classification	Minor Arterial (Rural) [06]		Lanes on structure	2		Approach roadway width	7.3 m = 24.0 ft			
Type of service on bridge	Highway [1]		Direction of traffic	2 - way traffic [2]		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	4.36 m = 14.3 ft				
Minimum lateral underclearance reference feature	Feature not a highway or railroad [N]									
Minimum lateral underclearance on right	99.9 = Unlimited				Minimum lateral underclearance on left	99.9 = Unlimited				
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	Work done by	Work to be done by contract [1]								
Replacement of bridge or other structure because of substandard load carrying capacity or substantial bridge roadway geometry. [31]	Bridge improvement cost	899000	Roadway improvement cost	1483000						
	Length of structure improvement	114.4 m = 375.3 ft		Total project cost	2516000					
	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	Posted for load [P]	Appraisal ratings - structural	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - superstructure	Poor [4]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Poor [4]	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 protection is in need of minor repairs. River control devices and embankment protection have a little minor damage. Banks and/or channel have minor amounts of drift. [7]		
Appraisal ratings - water adequacy	Better than present minimum criteria [7]	Status evaluation	Structurally deficient [1]
Pier or abutment protection	Navigation protection not required [1]	Sufficiency rating	37.7
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	August 2013 [0813]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	August 2013 [0813]
Other special inspection	Every two years [Y24]	Other special inspection date	August 2014 [0814]