

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]	Pottawatomie County [125]	Unknown [02195]	2.3 S .3 W OF SHAWNEE	35-18-01.08 = 35.300300	096-55-48.62 = -96.930172
000320000000000	Highway agency district: 3	Owner City or Municipal Highway Agency [04]	Maintenance responsibility City or Municipal Highway Agency [04]		
Route #Num!	RIDGELINE RD.	Toll On free road [3]	Features intersected SQUIRREL CREEK R.L.R.		
Design - main Concrete [1]	Design - approach	Kilometerpoint 48.3 km = 29.9 mi	Year built 1917	Year reconstructed N/A [0000]	
1 Arch - Thru [12]	0 Other [00]	Skew angle 0	Structure Flared	Historical significance Bridge is eligible for the NRHP. [2]	
Total length 20.4 m = 66.9 ft	Length of maximum span 18.3 m = 60.0 ft	Deck width, out-to-out 6.1 m = 20.0 ft	Bridge roadway width, curb-to-curb 4.6 m = 15.1 ft		
Inventory Route, Total Horizontal Clearance 4.6 m = 15.1 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 Bituminous [6]					
Deck protection					
Type of membrane/wearing surface					

**Weight Limits**

Bypass, detour length 0.5 km = 0.3 mi	Method to determine inventory rating Load Factor(LF) [1]	Inventory rating 0 metric ton = 0.0 tons
	Method to determine operating rating Load Factor(LF) [1]	Operating rating 0 metric ton = 0.0 tons
Bridge posting	Design Load M 18 / H 20 [4]	

### Functional Details

Average Daily Traffic	100	Average daily truck traffi	5	%	Year	2013	Future average daily traffic	160	Year	2033
Road classification	Local (Urban) [19]		Lanes on structure	1		Approach roadway width	5.5 m = 18.0 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	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	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	129000	Roadway improvement cost	71000						
	Length of structure improvement	50.4 m = 165.4 ft		Total project cost	225000					
	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

Fair [5]

Appraisal ratings -  
roadway alignment

Condition ratings - substructure

Satisfactory [6]

Appraisal ratings -  
deck geometry

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

Structurally deficient [1]

Pier or abutment protection

Navigation protection not required [1]

Sufficiency rating

24.8

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 2014 [0814]

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