

The National Bridge Inventory contains data submitted by state transportation 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

Missouri [29]	Polk County [167]	Unknown [92255]	S 29 T 35 N R 21 W	37-45-01.93 = 37.750536	093-15-57.43 = -93.265953
14914	Highway agency district: 6	Owner: County Highway Agency [02]	Maintenance responsibility: County Highway Agency [02]		
Route 79	COUNTY RD E-346	Toll: On free road [3]	Features intersected: LINDLEY CR		
Design - main: Steel [3]	Design - approach: Steel [3]	Kilometerpoint: 177 km = 109.7 mi	Year built: 1911	Year reconstructed: N/A [0000]	
1	Truss - Thru [10]	2	Stringer/Multi-beam or girder [02]	Skew angle: 0	Structure Flared:
		Historical significance: Bridge is not eligible for the NRHP. [5]			
Total length: 48.5 m = 159.1 ft	Length of maximum span: 35.7 m = 117.1 ft	Deck width, out-to-out: 3.7 m = 12.1 ft	Bridge roadway width, curb-to-curb: 3.5 m = 11.5 ft		
Inventory Route, Total Horizontal Clearance: 3.5 m = 11.5 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: Wood or Timber [7]					
Deck protection:					
Type of membrane/wearing surface:					

Weight Limits

Bypass, detour length: 1.4 km = 0.9 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	15	Average daily truck traffi	10	%	Year	2014	Future average daily traffic	22	Year	2034
Road classification	Local (Rural) [09]		Lanes on structure	1		Approach roadway width	5.8 m = 19.0 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	4.52 m = 14.8 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	430000	Roadway improvement cost	43000						
	Length of structure improvement	5.9 m = 19.4 ft		Total project cost	645000					
	Year of improvement cost estimate	2014								
	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	Critical [2]	Appraisal ratings - roadway alignment	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - substructure	Poor [4]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of corrective action [3]
Condition ratings - deck	Very Good [8]		
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	Equal to present minimum criteria [6]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	19.8
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings			
Traffic safety features - transitions	Not applicable or a safety feature is not required. [N]		
Traffic safety features - approach guardrail	Not applicable or a safety feature is not required. [N]		
Traffic safety features - approach guardrail ends	Not applicable or a safety feature is not required. [N]		
Inspection date	April 2014 [0414]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every year [Y12]	Fracture critical inspection date	April 2014 [0414]
Other special inspection	Not needed [N]	Other special inspection date	