

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					
Missouri [29]	Monroe County [137]	Jackson [35936]	S 28 T 53 N R 10 W	39-20-50 = 39.347222	092-02-35 = - 92.043056
14617	Highway agency district 3	Owner County Highway Agency [02]	Maintenance responsibility	County Highway Agency [02]	
Route 71	COUNTY RD 859	Toll On free road [3]	Features intersected	LONG BRANCH CR	
Design - main Steel [3]	Design - approach Steel [3]	Kilometerpoint 241.4 km = 149.7 mi	Year built 1910	Year reconstructed N/A [0000]	
1 Truss - Thru [10]	2 Stringer/Multi-beam or girder [02]	Skew angle 0	Structure Flared		
		Historical significance	Historical significance is not determinable at this time. [4]		
Total length 27.7 m = 90.9 ft	Length of maximum span 18.6 m = 61.0 ft	Deck width, out-to-out 3.7 m = 12.1 ft	Bridge roadway width, curb-to-curb	3.6 m = 11.8 ft	
Inventory Route, Total Horizontal Clearance 3.6 m = 11.8 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 km = 0.6 mi	Method to determine inventory rating Allowable Stress(AS) [2]	Inventory rating 10.8 metric ton = 11.9 tons
	Method to determine operating rating Allowable Stress(AS) [2]	Operating rating 15.3 metric ton = 16.8 tons
Bridge posting 30.0 - 39.9 % below [1]	Design Load	

### Functional Details

Average Daily Traffic	30	Average daily truck traffi	10	%	Year	2010	Future average daily traffic	38	Year	2030
Road classification	Local (Rural) [09]		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			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									
Replacement of bridge or other structure because of substandard load carrying capacity or substantial bridge roadway geometry. [31]	Work to be done by contract [1]									
	Bridge improvement cost	268000		Roadway improvement cost	26000					
	Length of structure improvement	3.7 m = 12.1 ft		Total project cost	402000					
	Year of improvement cost estimate	2010								
	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	Fair [5]	Appraisal ratings - roadway alignment	Equal to present minimum criteria [6]
Condition ratings - substructure	Fair [5]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of corrective action [3]
Condition ratings - deck	Good [7]		
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	Somewhat better than minimum adequacy to tolerate being left in place as is [5]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection		Sufficiency rating	35.3
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	July 2010 [0710]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	July 2010 [0710]
Other special inspection	Not needed [N]	Other special inspection date	