

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]	Warren County [219]	Charrette [13402]	S 23 T 44 N R 1 W	38-33-34 = 38.559444	090-59-48 = - 90.996667
6026	Highway agency district 3	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 47	MO 47 S	Toll On free road [3]	Features intersected	MISSOURI RVR, UP RR	
Design - main Steel [3]	Design - approach Steel [3]	Kilometerpoint 9037.1 km = 5603.0 mi	Year built 1934	Year reconstructed 1996	
5	Truss - Thru [10]	4	Truss - Deck [09]	Skew angle 0	Structure Flared
		Historical significance Historical significance is not determinable at this time. [4]			
Total length 780.9 m = 2562.1 ft	Length of maximum span 144.7 m = 474.8 ft	Deck width, out-to-out 7.1 m = 23.3 ft	Bridge roadway width, curb-to-curb 6.7 m = 22.0 ft		
Inventory Route, Total Horizontal Clearance 6.7 m = 22.0 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	Epoxy Coated Reinforcing [1]				
Type of membrane/wearing surface					

**Weight Limits**

Bypass, detour length 12.9 km = 8.0 mi	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	18 metric ton = 19.8 tons
	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	29 metric ton = 31.9 tons
Bridge posting	Equal to or above legal loads [5]	Design Load	M 13.5 / H 15 [2]	

### Functional Details

Average Daily Traffic	12530	Average daily truck traffi	10	%	Year	2009	Future average daily traffic	25060	Year	2031
Road classification	Minor Arterial (Rural) [06]		Lanes on structure	2		Approach roadway width	6.7 m = 22.0 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	Railroad-waterway [7]		Lanes under structure	0		Navigation control	Navigation control on waterway (bridge permit required). [1]			
Navigation vertical clearanc	11.8 m = 38.7 ft		Navigation horizontal clearance	141.7 m = 464.9 ft						
Minimum navigation vertical clearance, vertical lift bridge			Minimum vertical clearance over bridge roadway	5.05 m = 16.6 ft						
Minimum lateral underclearance reference feature	Railroad beneath structure [R]									
Minimum lateral underclearance on right	7.6 m = 24.9 ft				Minimum lateral underclearance on left	0 = N/A				
Minimum Vertical Underclearance	13.44 m = 44.1 ft		Minimum vertical underclearance reference feature	Railroad beneath structure [R]						
Appraisal ratings - underclearances	Superior to present desirable criteria [9]									

### 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	30056000		Roadway improvement cost	3005000					
	Length of structure improvement	78.1 m = 256.2 ft		Total project cost	45084000					
	Year of improvement cost estimate	2011								
	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	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Good [7]		
Scour	Bridge foundations determined to be stable for assessed or calculated scour condition. [5]		
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	Equal to present desirable criteria [8]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection	In place and functioning [2]	Sufficiency rating	35.2
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - transitions	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail			
Traffic safety features - approach guardrail ends			
Inspection date	June 2010 [0610]	Designated inspection frequency	24 Months
Underwater inspection	Unknown [Y60]	Underwater inspection date	August 2008 [0808]
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	June 2010 [0610]
Other special inspection	Every two years [Y24]	Other special inspection date	June 2010 [0610]