

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]	Hickory County [085]	Center [12538]	S 34 T 37 N R 22 W	37-55-13.42 = 37.920394	093-19-43.27 = -93.328686
15307	Highway agency district: 6	Owner County Highway Agency [02]	Maintenance responsibility	County Highway Agency [02]	
Route 90	COUNTY RD 273	Toll On free road [3]	Features intersected	POMME DE TERRE RVR	
Design - main	Steel [3]	Design - approach	Steel [3]	Kilometerpoint	160.9 km = 99.8 mi
1	Truss - Thru [10]	9	Stringer/Multi-beam or girder [02]	Year built #Num!	Year reconstructed N/A [0000]
				Skew angle 0	Structure Flared
				Historical significance	Bridge is not eligible for the NRHP. [5]
Total length	123.1 m = 403.9 ft	Length of maximum span	61 m = 200.1 ft	Deck width, out-to-out	4.3 m = 14.1 ft
Inventory Route, Total Horizontal Clearance	4.2 m = 13.8 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	Method to determine inventory rating	Allowable Stress(AS) [2]	Inventory rating	2.7 metric ton = 3.0 tons
1.6 km = 1.0 mi	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	4.5 metric ton = 5.0 tons
	Bridge posting		Design Load	

Functional Details

Average Daily Traffic	60	Average daily truck traffi	10	%	Year	2015	Future average daily traffic	72	Year	2035
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	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	1227000	Roadway improvement cost	122000						
	Length of structure improvement	13.2 m = 43.3 ft		Total project cost	1841000					
	Year of improvement cost estimate	2015								
	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	Basically intolerable requiring high priority of replacement [2]
Condition ratings - superstructure	Poor [4]	Appraisal ratings - roadway alignment	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings - deck geometry	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - deck	Fair [5]		
Scour	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]		
Channel and channel protection	Banks are protected or well vegetated. River control devices such as spur dikes and embankment protection are not required or are in a stable condition. [8]		
Appraisal ratings - water adequacy	Better than present minimum criteria [7]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	21.5
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	March 2015 [0315]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	March 2015 [0315]
Other special inspection	Not needed [N]	Other special inspection date	