

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] Monroe County [137] Jackson [35936] S 2 T 53 N R 10 W 39-24-20 = 39.405556 091-59-32 = 91.992222  
 13701 Highway agency district 3 Owner County Highway Agency [02] Maintenance responsibility County Highway Agency [02]  
 Route 45 COUNTY RD 756 Toll On free road [3] Features intersected TURKEY CR  
 Design - main Steel [3] Design - approach Other [00] Kilometerpoint 128.7 km = 79.8 mi  
 1 Truss - Thru [10] 0 Other [00] Year built 1930 Year reconstructed N/A [0000]  
 Skew angle 0 Structure Flared  
 Historical significance Historical significance is not determinable at this time. [4]  
 Total length 11.3 m = 37.1 ft Length of maximum span 11 m = 36.1 ft Deck width, out-to-out 3.7 m = 12.1 ft Bridge roadway width, curb-to-curb 3.7 m = 12.1 ft  
 Inventory Route, Total Horizontal Clearance 3.7 m = 12.1 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 Gravel [8]  
 Deck protection  
 Type of membrane/wearing surface

**Weight Limits**

Bypass, detour length 19.9 km = 12.3 mi Method to determine inventory rating Allowable Stress(AS) [2] Inventory rating 3.6 metric ton = 4.0 tons  
 Method to determine operating rating Allowable Stress(AS) [2] Operating rating 9 metric ton = 9.9 tons  
 Bridge posting Design Load

### Functional Details

Average Daily Traffic	5	Average daily truck traffi	10	%	Year	2010	Future average daily traffic	6	Year	2030
Road classification	Local (Rural) [09]		Lanes on structure	1		Approach roadway width	3.7 m = 12.1 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	130000	Roadway improvement cost	13000						
	Length of structure improvement	1.8 m = 5.9 ft		Total project cost	196000					
	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	Basically intolerable requiring high priority of replacement [2]
Condition ratings - superstructure	Fair [5]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Serious [3]	Appraisal ratings - deck geometry	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - deck	Poor [4]		
Scour	Bridge foundations determined to be stable for assessed or calculated scour condition. [5]		
Channel and channel protection	Bank and embankment protection is severely undermined. River control devices have severe damage. Large deposits of debris are in the channel. [4]		
Appraisal ratings - water adequacy	Equal to present minimum criteria [6]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	20.3
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	