

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]	Christian County [043]	North Galloway [53066]	S 10 T 26 N R 22 W	36-58-29.50 = 36.974861	093-19-40.34 = -93.327872
22937	Highway agency district: 6	Owner: County Highway Agency [02]	Maintenance responsibility: County Highway Agency [02]		
Route 382	ASPEN RD	Toll: On free road [3]	Features intersected: FINLEY RVR		
Design - main: Steel [3]	Design - approach: Other [00]	Kilometerpoint: 0 km = 0.0 mi	Year built: #Num!	Year reconstructed: 2004	
2	Truss - Thru [10]	0	Skew angle: 0	Structure Flared:	
		Historical significance: Bridge is not eligible for the NRHP. [5]			
Total length: 49.1 m = 161.1 ft	Length of maximum span: 24.4 m = 80.1 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: Concrete Cast-in-Place [1]					
Type of wearing surface:					
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: 2.7 metric ton = 3.0 tons
	Method to determine operating rating: Load Factor(LF) [1]	Operating rating: 4.5 metric ton = 5.0 tons
Bridge posting:	Design Load:	

Functional Details

Average Daily Traffic	50	Average daily truck traffi	10	%	Year	2015	Future average daily traffic	100	Year	2035
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	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	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	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	Very Good [8]		
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 minimum criteria [6]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	21.7
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	January 2015 [0115]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	January 2015 [0115]
Other special inspection	Not needed [N]	Other special inspection date	