

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]	Jackson County [095]	Kansas City [38000]	S 13 T 48 N R 33 W	38-59-20.19 = 38.988942	094-31-09.79 = -94.519386
25485	Highway agency district: 3	Owner City or Municipal Highway Agency [04]	Maintenance responsibility City or Municipal Highway Agency [04]		
Route 222	HILLCREST RD	Toll On free road [3]	Features intersected CREEK		
Design - main Concrete continuous [2]	Design - approach	Kilometerpoint 16.1 km = 10.0 mi	Year built 1906	Year reconstructed N/A [0000]	
2 Arch - Deck [11]	0 Other [00]	Skew angle 0	Structure Flared		
		Historical significance	Bridge is possibly eligible for the NRHP. [3]		
Total length 12.2 m = 40.0 ft	Length of maximum span 4.6 m = 15.1 ft	Deck width, out-to-out 6.7 m = 22.0 ft	Bridge roadway width, curb-to-curb 5.9 m = 19.4 ft		
Inventory Route, Total Horizontal Clearance 6.1 m = 20.0 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	Bituminous [6]				
Deck protection	Unknown [8]				
Type of membrane/wearing surface	Unknown [8]				

Weight Limits

Bypass, detour length 0.5 km = 0.3 mi	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	19.8 metric ton = 21.8 tons
	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	33.3 metric ton = 36.6 tons
	Bridge posting		Design Load	

Functional Details

Average Daily Traffic	349	Average daily truck traffi	1	%	Year	2014	Future average daily traffic	454	Year	2034
Road classification	Collector (Urban) [17]		Lanes on structure	2		Approach roadway width	5.8 m = 19.0 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	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	171000	Roadway improvement cost	17000						
	Length of structure improvement	1.9 m = 6.2 ft		Total project cost	256000					
	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	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - superstructure	Poor [4]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Poor [4]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of corrective action [3]
Condition ratings - deck	Satisfactory [6]		
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	Better than present minimum criteria [7]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	39.2
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	May 2014 [0514]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Not needed [N]	Fracture critical inspection date	
Other special inspection	Not needed [N]	Other special inspection date	