

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

Kentucky [21]	Livingston County [139]	Unknown [00000]	.20 MI NOR. OF JCT KY 70	37-08-56 = 37.148889	088-23-57 = - 88.399167
070B00017N	Highway agency district 1	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 60	US-60	Toll On free road [3]	Features intersected CUMBERLAND RIVER		
Design - main Steel [3]	Design - approach Steel [3]	Kilometerpoint 2015.1 km = 1249.4 mi	Year built 1931	Year reconstructed 1954	
1	Truss - Thru [10]	14	Stringer/Multi-beam or girder [02]	Skew angle 0	Structure Flared
			Historical significance Bridge is eligible for the NRHP. [2]		
Total length 554.1 m = 1818.0 ft	Length of maximum span 152.4 m = 500.0 ft	Deck width, out-to-out 6.9 m = 22.6 ft	Bridge roadway width, curb-to-curb 6.1 m = 20.0 ft		
Inventory Route, Total Horizontal Clearance 6.1 m = 20.0 ft	Curb or sidewalk width - left 0.4 m = 1.3 ft	Curb or sidewalk width - right 0.4 m = 1.3 ft			
Deck structure type	Concrete Cast-in-Place [1]				
Type of wearing surface	Latex Concrete or similar additive [3]				
Deck protection					
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length 11.3 km = 7.0 mi	Method to determine inventory rating	Allowable Stress(AS) [2]	Inventory rating	17.2 metric ton = 18.9 tons
	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	31.8 metric ton = 35.0 tons
Bridge posting	10.0 - 19.9 % below [3]		Design Load	M 18 / H 20 [4]

Functional Details

Average Daily Traffic	4510	Average daily truck traffi	9	%	Year	2011	Future average daily traffic	6990	Year	2031
Road classification	Principal Arterial - Other (Rural) [02]		Lanes on structure	2		Approach roadway width	7.3 m = 24.0 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 control on waterway (bridge permit required). [1]			
Navigation vertical clearanc	12.5 m = 41.0 ft			Navigation horizontal clearance	148.7 m = 487.9 ft					
Minimum navigation vertical clearance, vertical lift bridge	0 m = 0.0 ft				Minimum vertical clearance over bridge roadway	4.21 m = 13.8 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	6190000	Roadway improvement cost	6000000						
	Length of structure improvement	55.4 m = 181.8 ft			Total project cost	12190000				
	Year of improvement cost estimate									
	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	Equal to present minimum criteria [6]
Condition ratings - substructure	Fair [5]	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 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	Superior to present desirable criteria [9]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection		Sufficiency rating	32.7
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings			
Traffic safety features - transitions			
Traffic safety features - approach guardrail			
Traffic safety features - approach guardrail ends			
Inspection date	May 2011 [0511]	Designated inspection frequency	12 Months
Underwater inspection	Unknown [Y60]	Underwater inspection date	June 2011 [0611]
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	May 2011 [0511]
Other special inspection	Not needed [N]	Other special inspection date	