

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

Kentucky [21] Livingston County [139] Unknown [00000] OVER CUMBERLAND RIVER 37-01-49 = 37.030278 088-13-33 = - 88.225833

070B00065N Highway agency district 1 Owner State Highway Agency [01] Maintenance responsibility State Highway Agency [01]

Route 62 US-62 Toll On free road [3] Features intersected CUMBERLAND RIVER

Design - main Steel [3] Design - approach Steel [3] Kilometerpoint 458.2 km = 284.1 mi
 3 Truss - Thru [10] 9 Stringer/Multi-beam or girder [02] Year built 1952 Year reconstructed N/A [0000]
 Skew angle 0 Structure Flared
 Historical significance Bridge is not eligible for the NRHP. [5]

Total length 447.1 m = 1466.9 ft Length of maximum span 213.4 m = 700.2 ft Deck width, out-to-out 8.9 m = 29.2 ft Bridge roadway width, curb-to-curb 7.6 m = 24.9 ft
 Inventory Route, Total Horizontal Clearance 7.9 m = 25.9 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 0 km = 0.0 mi Method to determine inventory rating Allowable Stress(AS) [2] Inventory rating 20 metric ton = 22.0 tons
 Method to determine operating rating Allowable Stress(AS) [2] Operating rating 35.4 metric ton = 38.9 tons
 Bridge posting 00.1 - 09.9 % below [4] Design Load M 18 / H 20 [4]

Functional Details

Average Daily Traffic	7180	Average daily truck traffi	24	%	Year	2011	Future average daily traffic	10698	Year	2031
Road classification	Minor Arterial (Rural) [06]		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	82.3 m = 270.0 ft					
Minimum navigation vertical clearance, vertical lift bridge	0 m = 0.0 ft				Minimum vertical clearance over bridge roadway	4.9 m = 16.1 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	6425000			Roadway improvement cost	7000000				
	Length of structure improvement	44.7 m = 146.7 ft			Total project cost	13425000				
	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	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - superstructure	Satisfactory [6]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
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 protection is being eroded. River control devices and/or embankment have major damage. Trees and rush restrict the channel. [5]		
Appraisal ratings - water adequacy	Superior to present desirable criteria [9]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection		Sufficiency rating	48.8
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	Inspected feature meets currently acceptable standards. [1]		
Inspection date	April 2011 [0411]	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	April 2011 [0411]
Other special inspection	Not needed [N]	Other special inspection date	