

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]	Trigg County [221]
Unknown [00000]	ACROSS LAKE BARKLEY
111B00020N	Highway agency district 1
Owner State Highway Agency [01]	Maintenance responsibility State Highway Agency [01]
Route 68	US-68
Toll On free road [3]	Features intersected LAKE BARKLEY
Design - main Steel [3]	Design - approach Steel [3]
Kilometerpoint 1383.4 km = 857.7 mi	Year built 1932
Year reconstructed 1944	Year built 1932
4 Truss - Thru [10]	48 Stringer/Multi-beam or girder [02]
Skew angle 0	Structure Flared
Historical significance	Bridge is eligible for the NRHP. [2]
Total length 946.4 m = 3105.1 ft	Length of maximum span 97.8 m = 320.9 ft
Deck width, out-to-out 6.4 m = 21.0 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 0.2 m = 0.7 ft
Curb or sidewalk width - right 0.2 m = 0.7 ft	
Deck structure type	Concrete Cast-in-Place [1]
Type of wearing surface	Low slump Concrete [4]
Deck protection	
Type of membrane/wearing surface	

Weight Limits	
Bypass, detour length	Method to determine inventory rating
0 km = 0.0 mi	Allowable Stress(AS) [2]
Inventory rating	13.6 metric ton = 15.0 tons
Method to determine operating rating	Allowable Stress(AS) [2]
Operating rating	36.3 metric ton = 39.9 tons
Bridge posting	Equal to or above legal loads [5]
Design Load	M 13.5 / H 15 [2]

Functional Details

Average Daily Traffic	2840	Average daily truck traffi	15	%	Year	2011	Future average daily traffic	4402	Year	2031
Road classification	Principal Arterial - Other (Rural) [02]		Lanes on structure	2		Approach roadway width	6.7 m = 22.0 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	1.7 m = 5.6 ft		Navigation horizontal clearance	0.9 m = 3.0 ft						
Minimum navigation vertical clearance, vertical lift bridge	0 m = 0.0 ft				Minimum vertical clearance over bridge roadway	5.39 m = 17.7 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	9781000	Roadway improvement cost	0						
	Length of structure improvement	94.6 m = 310.4 ft		Total project cost	9780000					
	Year of improvement cost estimate	2004								
	Border bridge - state				Border bridge - percent responsibility of other state					
	Border bridge - structure number									

Inspection and Sufficiency

Structure status	Open, no restriction [A]	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 desirable criteria [8]
Condition ratings - substructure	Fair [5]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Fair [5]		
Scour	Countermeasures have been installed to mitigate an existing problem with scour. [7]		
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	Navigation protection not required [1]	Sufficiency rating	41.5
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings			
Traffic safety features - transitions	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail ends	Inspected feature meets currently acceptable standards. [1]		
Inspection date	August 2010 [0810]	Designated inspection frequency	24 Months
Underwater inspection	Unknown [Y60]	Underwater inspection date	June 2010 [0610]
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	August 2010 [0810]
Other special inspection	Unknown [Y60]	Other special inspection date	August 2010 [0810]