

The National Bridge Inventory contains data submitted by state transportation departments to the Federal Highway Administration in coded format.  
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<b>Basic Information</b>	
Kentucky [21]	Boyd County [019]
Unknown [00050]	OHIO RIVER BRIDGE-ASHLAND
010B00040N	Highway agency district 9
Owner State Highway Agency [01]	Maintenance responsibility State Highway Agency [01]
Route 23	US-23S
Toll On free road [3]	Features intersected OHIO RIVER,CSX ,STREETS
Design - main Steel [3]	Design - approach Steel [3]
Kilometerpoint 47.6 km = 29.5 mi	Year built 1930
5	Truss - Thru [10]
10	Stringer/Multi-beam or girder [02]
Year reconstructed 1986	Skew angle 0
Historical significance	Bridge is eligible for the NRHP. [2]
Total length 694.3 m = 2278.0 ft	Length of maximum span 225.2 m = 738.9 ft
Deck width, out-to-out 8.5 m = 27.9 ft	Bridge roadway width, curb-to-curb 7.6 m = 24.9 ft
Inventory Route, Total Horizontal Clearance 7.6 m = 24.9 ft	Curb or sidewalk width - left 0 m = 0.0 ft
	Curb or sidewalk width - right 1.5 m = 4.9 ft
Deck structure type	Concrete Cast-in-Place [1]
Type of wearing surface	Monolithic Concrete (concurrently placed with structural deck) [1]
Deck protection	Other [9]
Type of membrane/wearing surface	Epoxy [3]

<b>Weight Limits</b>	
Bypass, detour length 3.2 km = 2.0 mi	Method to determine inventory rating Load Factor(LF) [1]
	Inventory rating 18.1 metric ton = 19.9 tons
	Method to determine operating rating Load Factor(LF) [1]
	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	13900	Average daily truck traffi	0	%	Year	2010	Future average daily traffic	18765	Year	2030
Road classification	Other Principal Arterial (Urban) [14]		Lanes on structure	3	Approach roadway width	8.5 m = 27.9 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	Highway-waterway-railroad [		Lanes under structure	5	Navigation control	Navigation control on waterway (bridge permit required). [1]				
Navigation vertical clearanc	21.3 m = 69.9 ft			Navigation horizontal clearance	21.3 m = 69.9 ft					
Minimum navigation vertical clearance, vertical lift bridge					Minimum vertical clearance over bridge roadway	4.57 m = 15.0 ft				
Minimum lateral underclearance reference feature	Highway beneath structure [H]									
Minimum lateral underclearance on right	1.2 m = 3.9 ft				Minimum lateral underclearance on left	0 = N/A				
Minimum Vertical Underclearance	4.38 m = 14.4 ft			Minimum vertical underclearance reference feature	Highway beneath structure [H]					
Appraisal ratings - underclearances	Basically intolerable requiring high priority of replacement [2]									

### 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	9397000	Roadway improvement cost	0						
	Length of structure improvement	69.4 m = 227.7 ft			Total project cost	9396000				
	Year of improvement cost estimate	2004								
	Border bridge - state	Unknown [395]				Border bridge - percent responsibility of other state	16			
	Border bridge - structure number	4400992								

## 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 minimum criteria [6]
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Satisfactory [6]		
Scour	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]		
Channel and channel protection	Banks are protected or well vegetated. River control devices such as spur dikes and embankment protection are not required or are in a stable condition. [8]		
Appraisal ratings - water adequacy	Equal to present desirable criteria [8]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection	None present but re-evaluation suggested [5]	Sufficiency rating	32.4
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings	Inspected feature meets currently acceptable standards. [1]		
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	October 2010 [1010]	Designated inspection frequency	12 Months
Underwater inspection	Unknown [Y60]	Underwater inspection date	December 2010 [1210]
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	June 2009 [0609]
Other special inspection	Not needed [N]	Other special inspection date	