

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]	Kenton County [117]	Unknown [00465]	SUSPENSION BR OVR OHIO RV	39-05-34 = 39.092778	084-30-35 = - 84.509722
059B00048N	Highway agency district 6	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 17	SUSPENSION BRIDGE	Toll On free road [3]	Features intersected OHIO RIVER		
Design - main Steel [3]	Design - approach Steel [3]	Kilometerpoint 3887.4 km = 2410.2 mi	Year built 1867	Year reconstructed 1955	
3 Suspension [13]	16 Other [00]	Skew angle 0	Structure Flared		
		Historical significance	Bridge is on the NRHP. [1]		
Total length 659 m = 2162.2 ft	Length of maximum span 322.2 m = 1057.1 ft	Deck width, out-to-out 9.2 m = 30.2 ft	Bridge roadway width, curb-to-curb 7.6 m = 24.9 ft		
Inventory Route, Total Horizontal Clearance 7.5 m = 24.6 ft	Curb or sidewalk width - left 2.4 m = 7.9 ft	Curb or sidewalk width - right 2.4 m = 7.9 ft			
Deck structure type	Open Grating [3]				
Type of wearing surface	Other [9]				
Deck protection					
Type of membrane/wearing surface					

**Weight Limits**

Bypass, detour length 0.2 km = 0.1 mi	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	10 metric ton = 11.0 tons
	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	10 metric ton = 11.0 tons
Bridge posting	30.0 - 39.9 % below [1]		Design Load	M 18 / H 20 [4]

### Functional Details

Average Daily Traffic	8380	Average daily truck traffi	9 %	Year	2010	Future average daily traffic	11313	Year	2030
Road classification	Other Principal Arterial (Urban) [14]	Lanes on structure	2	Approach roadway width	8.2 m = 26.9 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	Highway-waterway [6]	Lanes under structure	1	Navigation control	Navigation control on waterway (bridge permit required). [1]				
Navigation vertical clearanc	2.2 m = 7.2 ft		Navigation horizontal clearance	3 m = 9.8 ft					
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	4.7 m = 15.4 ft			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	9826000	Roadway improvement cost	0			
	Length of structure improvement	62.3 m = 204.4 ft		Total project cost	9826000		
	Year of improvement cost estimate						
	Border bridge - state	Unknown [395]			Border bridge - percent responsibility of other state	26	
	Border bridge - structure number	3101584					

## Inspection and Sufficiency

Structure status	Posted for load [P]	Appraisal ratings - structural	Basically intolerable requiring high priority of replacement [2]
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 is scour critical; bridge foundations determined to be unstable. [3]		
Channel and channel protection	Bank protection is in need of minor repairs. River control devices and embankment protection have a little minor damage. Banks and/or channel have minor amounts of drift. [7]		
Appraisal ratings - water adequacy	Superior to present desirable criteria [9]	Status evaluation	Structurally deficient [1]
Pier or abutment protection	Navigation protection not required [1]	Sufficiency rating	28.7
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	November 2010 [1110]	Designated inspection frequency	12 Months
Underwater inspection	Unknown [Y60]	Underwater inspection date	October 2007 [1007]
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	November 2010 [1110]
Other special inspection	Not needed [N]	Other special inspection date	