

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

Illinois [17]	Massac County [127]	Brookport [08706]	BROOKPORT	37-07-20 = 37.1	088-37-36 = -88.6
64990115064	Highway agency district 9	Owner Private (other than railroad) [26]	Maintenance responsibility Private (other than railroad) [26]		
Route 45	US 45	Toll On free road [3]	Features intersected OHIO RIVER		
Design - main Steel [3]	Design - approach Steel [3]	Kilometerpoint 25.7 km = 15.9 mi	Year built 1929	Year reconstructed #Num!	
10	Truss - Thru [10]	18	Other [00]	Skew angle 0	Structure Flared
				Historical significance	Bridge is not eligible for the NRHP. [5]
Total length 1642 m = 5387.4 ft	Length of maximum span 216.7 m = 711.0 ft	Deck width, out-to-out 6.2 m = 20.3 ft	Bridge roadway width, curb-to-curb 6 m = 19.7 ft		
Inventory Route, Total Horizontal Clearance 6 m = 19.7 ft	Curb or sidewalk width - left 0 m = 0.0 ft	Curb or sidewalk width - right 0 m = 0.0 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 4.8 km = 3.0 mi	Method to determine inventory rating	Allowable Stress(AS) [2]	Inventory rating	22.5 metric ton = 24.8 tons
	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	25.2 metric ton = 27.7 tons
Bridge posting	00.1 - 09.9 % below [4]		Design Load	M 18 / H 20 [4]

Functional Details

Average Daily Traffic Average daily truck traffi % Year Future average daily traffic Year

Road classification Lanes on structure Approach roadway width

Type of service on bridge Direction of traffic Bridge median

Parallel structure designation

Type of service under bridge Lanes under structure Navigation control

Navigation vertical clearanc Navigation horizontal clearance

Minimum navigation vertical clearance, vertical lift bridge Minimum vertical clearance over bridge roadway

Minimum lateral underclearance reference feature

Minimum lateral underclearance on right Minimum lateral underclearance on left

Minimum Vertical Underclearance Minimum vertical underclearance reference feature

Appraisal ratings - underclearances

Repair and Replacement Plans

Type of work to be performed

Work done by

Bridge improvement cost Roadway improvement cost

Length of structure improvement Total project cost

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

Equal to present minimum criteria [6]

Condition ratings - superstructure

Satisfactory [6]

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 assessed or calculated scour condition. [5]

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

50

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

March 2011 [0311]

Designated inspection frequency

12

Months

Underwater inspection

Unknown [Y60]

Underwater inspection date

December 2009 [1209]

Fracture critical inspection

Every two years [Y24]

Fracture critical inspection date

April 2009 [0409]

Other special inspection

Not needed [N]

Other special inspection date

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Basic Information

Kentucky [21]	McCracken County [145]	Unknown [01520]	OHIO RIVER - TO BROOKPORT	37-06-54 = 37.115000	088-37-44 = - 88.628889
073B00001N	Highway agency district 1	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 45	US-45	Toll On free road [3]	Features intersected	OHIO RIVER	
Design - main Steel [3]	Design - approach Steel [3]	Kilometerpoint 2161.3 km = 1340.0 mi	Year built 1929	Year reconstructed N/A [0000]	
10	Truss - Thru [10]	18	Stringer/Multi-beam or girder [02]	Skew angle 0	Structure Flared
			Historical significance	Bridge is on the NRHP. [1]	
Total length 1627.6 m = 5340.2 ft	Length of maximum span 216.7 m = 711.0 ft	Deck width, out-to-out 6.2 m = 20.3 ft	Bridge roadway width, curb-to-curb	6 m = 19.7 ft	
Inventory Route, Total Horizontal Clearance 6 m = 19.7 ft	Curb or sidewalk width - left 0.1 m = 0.3 ft	Curb or sidewalk width - right		0.1 m = 0.3 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 2.2 km = 1.4 mi	Method to determine inventory rating	Allowable Stress(AS) [2]	Inventory rating	18.1 metric ton = 19.9 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 18 / H 20 [4]	

Functional Details

Average Daily Traffic Average daily truck traffi % Year Future average daily traffic Year

Road classification Lanes on structure Approach roadway width

Type of service on bridge Direction of traffic Bridge median

Parallel structure designation

Type of service under bridge Lanes under structure Navigation control

Navigation vertical clearanc Navigation horizontal clearance

Minimum navigation vertical clearance, vertical lift bridge Minimum vertical clearance over bridge roadway

Minimum lateral underclearance reference feature

Minimum lateral underclearance on right Minimum lateral underclearance on left

Minimum Vertical Underclearance Minimum vertical underclearance reference feature

Appraisal ratings - underclearances

Repair and Replacement Plans

Type of work to be performed

Work done by

Bridge improvement cost Roadway improvement cost

Length of structure improvement Total project cost

Year of improvement cost estimate

Border bridge - state Border bridge - percent responsibility of other state

Border bridge - structure number

Inspection and Sufficiency

Structure status	<input type="text" value="Posted for load [P]"/>	Appraisal ratings - structural	<input type="text" value="Somewhat better than minimum adequacy to tolerate being left in place as is [5]"/>
Condition ratings - superstructure	<input type="text" value="Fair [5]"/>	Appraisal ratings - roadway alignment	<input type="text" value="Equal to present minimum criteria [6]"/>
Condition ratings - substructure	<input type="text" value="Satisfactory [6]"/>	Appraisal ratings - deck geometry	<input type="text" value="Basically intolerable requiring high priority of replacement [2]"/>
Condition ratings - deck	<input type="text" value="Satisfactory [6]"/>		
Scour	<input type="text" value="Bridge is scour critical; bridge foundations determined to be unstable. [3]"/>		
Channel and channel protection	<input type="text" value="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	<input type="text" value="Superior to present desirable criteria [9]"/>	Status evaluation	<input type="text" value="Functionally obsolete [2]"/>
Pier or abutment protection	<input type="text"/>	Sufficiency rating	<input type="text" value="39.1"/>
Culverts	<input type="text" value="Not applicable. Used if structure is not a culvert. [N]"/>		
Traffic safety features - railings	<input type="text"/>		
Traffic safety features - transitions	<input type="text"/>		
Traffic safety features - approach guardrail	<input type="text"/>		
Traffic safety features - approach guardrail ends	<input type="text"/>		
Inspection date	<input type="text" value="April 2011 [0411]"/>	Designated inspection frequency	<input type="text" value="12"/> Months
Underwater inspection	<input type="text" value="Unknown [Y60]"/>	Underwater inspection date	<input type="text" value="December 2009 [1209]"/>
Fracture critical inspection	<input type="text" value="Every two years [Y24]"/>	Fracture critical inspection date	<input type="text" value="April 2011 [0411]"/>
Other special inspection	<input type="text" value="Not needed [N]"/>	Other special inspection date	<input type="text"/>