HistoricBridges.org - National Bridge Inventory Data Sheet

2019 Inventory

The National Bridge Inventory contains data submitted by state transportion 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]	Cass County [017]	Unknown [00000]	W EDGE BEARDSTOWN	40-00-53.67 = 4	090-26-47.94 = -9

9000100000000 | Highway agency district: 6 | Owner: State Highway Agency [01] | Maintenance responsibility: State Highway Agency [01]

Route: 67 | | US 67 / IL 100 | Toll: On free road [3] | Features intersected: ILLINOIS RIVER

Design - main	Steel continuous [4]	Design - approach	Steel [3]
5	Truss - Thru [10]	12	Stringer/Multi-beam or girder [02]

Kilometerpoint: 15315.7 km = 9495.7 mi
Year built: 1955 | Year reconstructed: 1985
Skew angle: 0 | Structure Flared:
Historical significance: Bridge is not eligible for the NRHP. [5]

Total length: 1104.6 m = 3624.2 ft | Length of maximum span: 164.6 m = 540.1 ft | Deck width, out-to-out: 9.1 m = 29.9 ft | Bridge roadway width, curb-to-curb: 8.5 m = 27.9 ft

Inventory Route, Total Horizontal Clearance: 9.1 m = 29.9 ft | Curb or sidewalk width - left: 0.6 m = 2.0 ft | Curb or sidewalk width - right: 0.6 m = 2.0 ft

Deck structure type: Concrete Cast-in-Place [1]
Type of wearing surface:
Deck protection: Epoxy Coated Reinforcing [1]
Type of membrane/wearing surface:

Weight Limits

Bypass, detour length: 6.4 km = 4.0 mi

Method to determine inventory rating: Load Factor (LF) rating reported by rati | Inventory rating: 26.9 metric ton = 29.6 tons
Method to determine operating rating: Load Factor (LF) rating reported by rati | Operating rating: 45.4 metric ton = 49.9 tons
Bridge posting: Equal to or above legal loads [5] | Design Load: MS 18 / HS 20 [5]

Functional Details

Average Daily Traffic	6500	Average daily truck traffi	18 %	Year	2017	Future average daily traffic	6300
Year	2032						
Road classification	Other Principal Arterial (Urban) [14]	Lanes on structure	2	Approach roadway width	12.8 m = 42.0 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	15.2 m = 49.9 ft	Navigation horizontal clearance	160.3 m = 525.9 ft				
Minimum navigation vertical clearance, vertical lift bridge	0 m = 0.0 ft	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	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

Replacement of bridge or other structure because of substandard load carrying capacity or substantial bridge roadway geometry. [31]

Work done by	Work to be done by contract [1]		
Bridge improvement cost	14389000	Roadway improvement cost	1439000
Length of structure improvement	1115 m = 3658.3 ft	Total project cost	21584000
Year of improvement cost estimate			
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	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - superstructure	Fair [5]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings - deck geometry	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - deck	Satisfactory [6]		
Scour	Bridge foundations determined to be stable for assessed or calculated scour condition. [5]		
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	
Pier or abutment protection	Navigation protection not required [1]	Sufficiency rating	47.7
Culverts	Not applicable. Used if structure is not a culvert. [N]		

Traffic safety features - railings	Inpected feature meets currently acceptable standards. [1]
Traffic safety features - transitions	Inpected feature meets currently acceptable standards. [1]
Traffic safety features - approach guardrail	Inpected feature meets currently acceptable standards. [1]
Traffic safety features - approach guardrail ends	

Inspection date	September 2018 [0918]	Designated inspection frequency	24 Months
Underwater inspection	Every two years [Y24]	Underwater inspection date	October 2018 [1018]
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	September 2018 [0918]
Other special inspection	Every year [Y12]	Other special inspection date	September 2018 [0918]