

HistoricBridges.org - National Bridge Inventory Data Sheet

2019 Inventory

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]	Fulton County [057]	Unknown [00000]	W EDGE OF HAVANA	40-17-42.07 = 4	090-04-26.84 = -9
63000200000000	Highway agency district: 4	Owner State Highway Agency [01]	Maintenance responsibility State Highway Agency [01]		
Route 136	US 136	Toll On free road [3]	Features intersected ILLINOIS RIVER		
Design - main	Steel continuous [4]	Design - approach	Steel continuous [4]	Kilometerpoint 12671.6 km = 7856.4 mi	
3	Truss - Thru [10]	5	Stringer/Multi-beam or girder [02]	Year built 1936	Year reconstructed 1998
				Skew angle 0	Structure Flared
				Historical significance	Bridge is not eligible for the NRHP. [5]
Total length	526.4 m = 1727.1 ft	Length of maximum span	128 m = 420.0 ft	Deck width, out-to-out	9 m = 29.5 ft
Inventory Route, Total Horizontal Clearance	8.7 m = 28.5 ft	Curb or sidewalk width - left	0 m = 0.0 ft	Curb or sidewalk width - right	0 m = 0.0 ft
Deck structure type	Other [9]				
Type of wearing surface					
Deck protection	Epoxy Coated Reinforcing [1]				
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length	Method to determine inventory rating	Load Factor (LF) rating reported by rati	Inventory rating	27.2 metric ton = 29.9 tons
5.6 km = 3.5 mi	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	

Functional Details

Average Daily Traffic	5650	Average daily truck traffi	12	%	Year	2017	Future average daily traffic	5242	Year	2032
Road classification	Principal Arterial - Other (Rural) [02]		Lanes on structure	2		Approach roadway width	9.1 m = 29.9 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	Waterway [5]		Lanes under structure	0		Navigation control	Navigation control on waterway (bridge permit required). [1]			
Navigation vertical clearanc	14.6 m = 47.9 ft		Navigation horizontal clearance	106.7 m = 350.1 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	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	6839000	Roadway improvement cost	684000
	Length of structure improvement	526.4 m = 1727.1 ft	Total project cost	10259000
	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	Good [7]	Appraisal ratings - deck geometry	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - deck	Fair [5]		
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	47.1
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			
Inspection date	July 2018 [0718]	Designated inspection frequency	24 Months
Underwater inspection	Unknown [Y60]	Underwater inspection date	October 2018 [1018]
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	July 2018 [0718]
Other special inspection	Every year [Y12]	Other special inspection date	July 2018 [0718]