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

Louisiana [22]	Vermilion Parish [113]	Abbeville [00100]	0.13 MI W OF US 167	29-58-30.83 = 29.975231	092-08-22.42 = -92.139561

35700550600131 | Highway agency district: 3 | Owner: State Highway Agency [01] | Maintenance responsibility: State Highway Agency [01]

Route: 14 | LA0014B | Toll: On free road [3] | Features intersected: VERMILION R/ABBEVILLE

Design - main	Steel [3]	Design - approach	Concrete [1]	Kilometerpoint	20.4 km = 12.6 mi
1	Movable - Lift [15]	4	Tee beam [04]	Year built: 1938	Year reconstructed: N/A [0000]
				Skew angle: 0	Structure Flared:
				Historical significance	Bridge is eligible for the NRHP. [2]

Total length	73.5 m = 241.2 ft	Length of maximum span	22.9 m = 75.1 ft	Deck width, out-to-out	10.9 m = 35.8 ft	Bridge roadway width, curb-to-curb	7.3 m = 24.0 ft
Inventory Route, Total Horizontal Clearance	9.1 m = 29.9 ft	Curb or sidewalk width - left	1.5 m = 4.9 ft	Curb or sidewalk width - right	1.5 m = 4.9 ft		

Deck structure type: Open Grating [3]

Type of wearing surface:

Deck protection:

Type of membrane/wearing surface:

Weight Limits

Bypass, detour length	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	13.6 metric ton = 15.0 tons	
0.3 km = 0.2 mi	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	28.1 metric ton = 30.9 tons	
	Bridge posting	20.0 - 29.9 % below [2]	Design Load	M 13.5 / H 15 [2]	

Functional Details

Average Daily Traffic	8700	Average daily truck traffi	10 %	Year	2016	Future average daily traffic	10962	Year	2036

Road classification	Other Principal Arterial (Urban) [14]	Lanes on structure	2	Approach roadway width	10.4 m = 34.1 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	17.1 m = 56.1 ft	Navigation horizontal clearance	13.4 m = 44.0 ft		
Minimum navigation vertical clearance, vertical lift bridge	7 m = 23.0 ft	Minimum vertical clearance over bridge roadway	4.55 m = 14.9 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	704000	Roadway improvement cost	
Length of structure improvement	82.6 m = 271.0 ft	Total project cost	1056000
Year of improvement cost estimate	2016		
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	Basically intolerable requiring high priority of replacement [2]
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	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	Structurally deficient [1]
Pier or abutment protection	In place but in a deteriorated condition [3]	Sufficiency rating	47.6

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	May 2017 [0517]	Designated inspection frequency	24	Months

Underwater inspection	Unknown [Y60]	Underwater inspection date	August 2018 [0818]
Fracture critical inspection	Not needed [N]	Fracture critical inspection date	
Other special inspection	Every year [Y12]	Other special inspection date	May 2018 [0518]