

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

Louisiana [22]	Lafourche Parish [057]	Unknown [00000]	.1 MI NORTH OF LA 655		29-38-40.02 = 29.644450	090-32-39.70 = -90.544361
22900640601401	Highway agency district: 2	Owner	State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 1		LA0001	Toll	On free road [3]	Features intersected CO CANAL LOCKPORT	
Design - main	Steel [3]	Design - approach	Concrete [1]	Kilometerpoint	227.5 km = 141.1 mi	
1	Movable - Lift [15]	10	Slab [01]	Year built	1959	Year reconstructed N/A [0000]
				Skew angle	0	Structure Flared
				Historical significance	Bridge is eligible for the NRHP. [2]	
Total length	125 m = 410.1 ft	Length of maximum span	48.8 m = 160.1 ft	Deck width, out-to-out	11.8 m = 38.7 ft	Bridge roadway width, curb-to-curb 8.6 m = 28.2 ft
Inventory Route, Total Horizontal Clearance	8.5 m = 27.9 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 and Resistance Factor Rating (L	Inventory rating	13.9 metric ton = 15.3 tons
1.9 km = 1.2 mi	Method to determine operating rating	Load and Resistance Factor Rating (L	Operating rating	18.1 metric ton = 19.9 tons
	Bridge posting	20.0 - 29.9 % below [2]	Design Load	MS 18 / HS 20 [5]

Functional Details

Average Daily Traffic	11400	Average daily truck traffi	11	%	Year	2016	Future average daily traffic	18300	Year	2036
Road classification	Minor Arterial (Urban) [16]		Lanes on structure	2		Approach roadway width	14.6 m = 47.9 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	15.2 m = 49.9 ft			Navigation horizontal clearance	38.1 m = 125.0 ft					
Minimum navigation vertical clearance, vertical lift bridge	6 m = 19.7 ft			Minimum vertical clearance over bridge roadway	5.31 m = 17.4 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	2.13 m = 7.0 ft			Minimum vertical underclearance reference feature	Highway beneath structure [H]					
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	1144000	Roadway improvement cost	
	Length of structure improvement	134.1 m = 440.0 ft	Total project cost	1716000
	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	Serious [3]	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 the assessed or calculated scour condition. [8]		
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	Equal to present desirable criteria [8]	Status evaluation	Structurally deficient [1]
Pier or abutment protection	In place and functioning [2]	Sufficiency rating	9
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings			
Traffic safety features - transitions	Not applicable or a safety feature is not required. [N]		
Traffic safety features - approach guardrail	Not applicable or a safety feature is not required. [N]		
Traffic safety features - approach guardrail ends	Not applicable or a safety feature is not required. [N]		
Inspection date	June 2017 [0617]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every year [Y12]	Fracture critical inspection date	June 2017 [0617]
Other special inspection	Every year [Y12]	Other special inspection date	June 2018 [0618]