

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]	Terrebonne Parish [109]	Houma [36255]	0.01 MI S OF LA 659	29-33-55.69 = 29.565469	090-38-46.68 = -90.646300
25500659104061	Highway agency district: 2	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 24	LA0024	Toll On free road [3]	Features intersected	LITTLE CAILLOU	
Design - main 1	Steel [3] Movable - Lift [15]	Design - approach 2	Steel [3] Stringer/Multi-beam or girder [02]	Kilometerpoint 627.5 km = 389.1 mi	Year built 1941 Year reconstructed N/A [0000]
				Skew angle 0	Structure Flared
				Historical significance Bridge is eligible for the NRHP. [2]	
Total length	34.1 m = 111.9 ft	Length of maximum span	17.1 m = 56.1 ft	Deck width, out-to-out	9.1 m = 29.9 ft
Inventory Route, Total Horizontal Clearance	7.3 m = 24.0 ft	Curb or sidewalk width - left	0.5 m = 1.6 ft	Curb or sidewalk width - right	0.5 m = 1.6 ft
Deck structure type	Concrete Cast-in-Place [1]				
Type of wearing surface					
Deck protection					
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length 0.5 km = 0.3 mi	Method to determine inventory rating	Load and Resistance Factor Rating (L)	Inventory rating	20.4 metric ton = 22.4 tons
	Method to determine operating rating	Load and Resistance Factor Rating (L)	Operating rating	26.2 metric ton = 28.8 tons
Bridge posting	20.0 - 29.9 % below [2]		Design Load	M 13.5 / H 15 [2]

Functional Details

Average Daily Traffic	11500	Average daily truck traffi	11	%	Year	2016	Future average daily traffic	14260	Year	2036
Road classification	Minor Arterial (Urban) [16]		Lanes on structure	2		Approach roadway width	11.6 m = 38.1 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	13.7 m = 44.9 ft			Navigation horizontal clearance	13.7 m = 44.9 ft					
Minimum navigation vertical clearance, vertical lift bridge	5 m = 16.4 ft				Minimum vertical clearance over bridge roadway	4.32 m = 14.2 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	366000	Roadway improvement cost	
	Length of structure improvement	43 m = 141.1 ft	Total project cost	549000
	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	<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="Satisfactory [6]"/>	Appraisal ratings - roadway alignment	<input type="text" value="Equal to present desirable criteria [8]"/>
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 foundations determined to be stable for the assessed or calculated scour condition. [8]"/>		
Channel and channel protection	<input type="text" value="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	<input type="text" value="Better than present minimum criteria [7]"/>	Status evaluation	<input type="text" value="Functionally obsolete [2]"/>
Pier or abutment protection	<input type="text" value="In place but in a deteriorated condition [3]"/>	Sufficiency rating	<input type="text" value="57"/>
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" value="Not applicable or a safety feature is not required. [N]"/>		
Traffic safety features - approach guardrail	<input type="text" value="Not applicable or a safety feature is not required. [N]"/>		
Traffic safety features - approach guardrail ends	<input type="text" value="Not applicable or a safety feature is not required. [N]"/>		
Inspection date	<input type="text" value="September 2017 [0917]"/>	Designated inspection frequency	<input type="text" value="24"/> Months
Underwater inspection	<input type="text" value="Not needed [N]"/>	Underwater inspection date	<input type="text"/>
Fracture critical inspection	<input type="text" value="Every two years [Y24]"/>	Fracture critical inspection date	<input type="text" value="September 2017 [0917]"/>
Other special inspection	<input type="text" value="Every year [Y12]"/>	Other special inspection date	<input type="text" value="September 2018 [0918]"/>