

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]	St. Tammany Parish [103]	Unknown [00000]	US0090	30-13-52.25 = 30.231181	089-40-07.90 = -89.668861
625200060705291	Highway agency district: 62	Owner State Highway Agency [01]	Maintenance responsibility State Highway Agency [01]		
Route 90		US0090	Toll On free road [3]	Features intersected WEST PEARL RIVER	
Design - main Steel [3]	Design - approach Concrete [1]	Kilometerpoint 839.1 km = 520.2 mi	Year built 1933	Year reconstructed N/A [0000]	
3	Movable - Lift [15]	14	Tee beam [04]	Skew angle 0	Structure Flared
				Historical significance Bridge is eligible for the NRHP. [2]	
Total length 173.7 m = 569.9 ft	Length of maximum span 33.5 m = 109.9 ft	Deck width, out-to-out 8.4 m = 27.6 ft	Bridge roadway width, curb-to-curb 7.3 m = 24.0 ft		
Inventory Route, Total Horizontal Clearance 7.3 m = 24.0 ft	Curb or sidewalk width - left 0.4 m = 1.3 ft	Curb or sidewalk width - right 0.4 m = 1.3 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 15.9 km = 9.9 mi	Method to determine inventory rating	Load and Resistance Factor Rating (L)	Inventory rating 21.1 metric ton = 23.2 tons
	Method to determine operating rating	Load and Resistance Factor Rating (L)	Operating rating 27.2 metric ton = 29.9 tons
Bridge posting Equal to or above legal loads [5]		Design Load M 13.5 / H 15 [2]	

Functional Details

Average Daily Traffic	2500	Average daily truck traffi	11	%	Year	2016	Future average daily traffic	1900	Year	2036
Road classification	Minor Arterial (Rural) [06]		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	2.7 m = 8.9 ft			Navigation horizontal clearance	28 m = 91.9 ft					
Minimum navigation vertical clearance, vertical lift bridge	47 m = 154.2 ft					Minimum vertical clearance over bridge roadway	4.44 m = 14.6 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	1549000	Roadway improvement cost	
	Length of structure improvement	181.7 m = 596.2 ft	Total project cost	2323000
	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	Open, no restriction [A]	Appraisal ratings - structural	Basically intolerable requiring high priority of corrective action [3]
Condition ratings - superstructure	Serious [3]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Fair [5]		
Scour	Countermeasures have been installed to mitigate an existing problem with scour. [7]		
Channel and channel protection	Bank protection is in need of minor repairs. River control devices and embankment protection have a little minor damage. Banks and/or channel have minor amounts of drift. [7]		
Appraisal ratings - water adequacy	Better than present minimum criteria [7]	Status evaluation	Structurally deficient [1]
Pier or abutment protection	In place but in a deteriorated condition [3]	Sufficiency rating	8.6
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings			
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	Inspected feature meets currently acceptable standards. [1]		
Inspection date	April 2018 [0418]	Designated inspection frequency	24 Months
Underwater inspection	Unknown [Y60]	Underwater inspection date	September 2014 [0914]
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	April 2018 [0418]
Other special inspection	Every year [Y12]	Other special inspection date	April 2017 [0417]