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]	St. Tammany Parish [103]	Unknown [00000]	US0090	30-14-12.66 = 30.236850	089-37-48.00 = -89.630000

625200060707701 | 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: E MIDDLE PEARL RIVER

Design - main	Steel [3]	Design - approach	Concrete [1]
3	Truss - Thru [10]	12	Tee beam [04]

Kilometerpoint: 1226.4 km = 760.4 mi

Year built: 1933 | Year reconstructed: N/A [0000]

Skew angle: 0 | Structure Flared:

Historical significance: Bridge is not eligible for the NRHP. [5]

Total length: 177.4 m = 582.0 ft | Length of maximum span: 24.4 m = 80.1 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 Factor(LF) [1] | Inventory rating: 18.1 metric ton = 19.9 tons

Method to determine operating rating: Load Factor(LF) [1] | Operating rating: 30.8 metric ton = 33.9 tons

Bridge posting: 20.0 - 29.9 % below [2] | 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 vertical clearanc	0 = N/A	Navigation horizontal clearance	0 = N/A		
Minimum navigation vertical clearance, vertical lift bridge		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

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	1578000	Roadway improvement cost	
Length of structure improvement	185 m = 607.0 ft	Total project cost	2367000
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	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - superstructure	Poor [4]	Appraisal ratings - roadway alignment	Better than present minimum criteria [7]
Condition ratings - substructure	Fair [5]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Poor [4]		

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	Navigation protection not required [1]	Sufficiency rating	18.4

Culverts	Not applicable. Used if structure is not a culvert. [N]

Traffic safety features - railings	Inpected feature meets currently acceptable standards. [1]
Traffic safety features - transitions	Inpected feature meets currently acceptable standards. [1]
Traffic safety features - approach guardrail	Inpected feature meets currently acceptable standards. [1]
Traffic safety features - approach guardrail ends	Inpected feature meets currently acceptable standards. [1]

Inspection date	December 2018 [1218]	Designated inspection frequency	24	Months

Underwater inspection	Unknown [Y60]	Underwater inspection date	October 2014 [1014]
Fracture critical inspection	Every year [Y12]	Fracture critical inspection date	December 2018 [1218]
Other special inspection	Every year [Y12]	Other special inspection date	December 2017 [1217]