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] | Richland Parish [083] | Unknown [00000] | 11.0 MI SOUTH OF LA 132 | 32-10-55.34 = 32.182039 | 091-58-42.96 = -91.978600

54201660300001 | Highway agency district: 5 | Owner: State Highway Agency [01] | Maintenance responsibility: State Highway Agency [01]

Route: 561 | LA0561 | Toll: On free road [3] | Features intersected: BOEUF RIVER

Design - main: Steel [3] — 1 — Truss - Thru [10]

Design - approach: Steel [3] — 10 — Stringer/Multi-beam or girder [02]

Kilometerpoint: 0.2 km = 0.1 mi

Year built: 1952 | Year reconstructed: N/A [0000]

Skew angle: 0 | Structure Flared:

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

Total length: 220.7 m = 724.1 ft | Length of maximum span: 98.8 m = 324.2 ft | Deck width, out-to-out: 6.5 m = 21.3 ft | Bridge roadway width, curb-to-curb: 6.1 m = 20.0 ft

Inventory Route, Total Horizontal Clearance: 6.1 m = 20.0 ft | Curb or sidewalk width - left: 0.2 m = 0.7 ft | Curb or sidewalk width - right: 0.2 m = 0.7 ft

Deck structure type: Concrete Cast-in-Place [1]

Type of wearing surface: Monolithic Concrete (concurrently placed with structural deck) [1]

Deck protection:

Type of membrane/wearing surface:

Weight Limits

Bypass, detour length: 4 km = 2.5 mi

Method to determine inventory rating: Load Factor(LF) [1] | Inventory rating: 24.5 metric ton = 27.0 tons

Method to determine operating rating: Load Factor(LF) [1] | Operating rating: 40.8 metric ton = 44.9 tons

Bridge posting: Equal to or above legal loads [5] | Design Load: M 13.5 / H 15 [2]

Functional Details

Average Daily Traffic: 580
Average daily truck traffi: 19 %
Year: 2016
Future average daily traffic: 360
Year: 2036

Road classification: Minor Collector (Rural) [08]
Lanes on structure: 2
Approach roadway width: 6.7 m = 22.0 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: 4.47 m = 14.7 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: 1929000
Roadway improvement cost:

Length of structure improvement: 226.2 m = 742.2 ft
Total project cost: 2893000

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]
Condition ratings - superstructure	Serious [3]
Condition ratings - substructure	Satisfactory [6]
Condition ratings - deck	Poor [4]
Appraisal ratings - structural	Basically intolerable requiring high priority of corrrective action [3]
Appraisal ratings - roadway alignment	Better than present minimum criteria [7]
Appraisal ratings - deck geometry	Basically intolerable requiring high priority of corrrective action [3]
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	Better than present minimum criteria [7]
Status evaluation	Structurally deficient [1]
Pier or abutment protection	
Sufficiency rating	18.9
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 2018 [0518]
Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]
Underwater inspection date	
Fracture critical inspection	Every year [Y12]
Fracture critical inspection date	May 2018 [0518]
Other special inspection	Every year [Y12]
Other special inspection date	May 2013 [0513]