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

Mississippi [28]	Franklin County [037]	District 5 [93123]	1.4 MI E SR 184	31-26-29.21 = 31.441447	090-51-21.64 = -90.856011

210009801904500 | Highway agency district: 7 | Owner: State Highway Agency [01] | Maintenance responsibility: State Highway Agency [01]

Route: 98 | | US 98 | Toll: On free road [3] | Features intersected: HOMOCHITTO RIVER

Design - main	Steel [3]	Design - approach	Steel [3]	Kilometerpoint	331.1 km = 205.3 mi
2	Truss - Thru [10]	9	Stringer/Multi-beam or girder [02]	Year built: 1951	Year reconstructed: N/A [0000]
				Skew angle: 0	Structure Flared:
				Historical significance	Bridge is not eligible for the NRHP. [5]

Total length: 210.9 m = 692.0 ft | Length of maximum span: 51.8 m = 170.0 ft | Deck width, out-to-out: 9 m = 29.5 ft | Bridge roadway width, curb-to-curb: 7.9 m = 25.9 ft

Inventory Route, Total Horizontal Clearance: 7.9 m = 25.9 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: 7.2 km = 4.5 mi

Method to determine inventory rating: Load Factor(LF) [1] | Inventory rating: 22.8 metric ton = 25.1 tons

Method to determine operating rating: Load Factor(LF) [1] | Operating rating: 38.1 metric ton = 41.9 tons

Bridge posting: Equal to or above legal loads [5] | Design Load: MS 13.5 / HS 15 [3]

Functional Details

Average Daily Traffic	2700	Average daily truck traffi	15 %	Year	2017	Future average daily traffic	3100
Year	2037						
Road classification	Principal Arterial - Other (Rural) [02]	Lanes on structure	2	Approach roadway width	7.9 m = 25.9 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 vertical clearanc	0 = N/A	Navigation horizontal clearance	0 = N/A				
Minimum navigation vertical clearance, vertical lift bridge		Minimum vertical clearance over bridge roadway	4.54 m = 14.9 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	999999000	Roadway improvement cost	252000000
Length of structure improvement	257.7 m = 845.5 ft	Total project cost	999999000
Year of improvement cost estimate	2011		
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	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - superstructure	Fair [5]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Good [7]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of corrrective action [3]
Condition ratings - deck	Satisfactory [6]		
Scour	Bridge foundations determined to be stable for assessed or calculated scour condition. [5]		
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	Functionally obsolete [2]
Pier or abutment protection		Sufficiency rating	49.1
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings			
Traffic safety features - transitions			
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	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	Not needed [N]	Other special inspection date	