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

Texas [48]	Mills County [333]	Unknown [00000]	0.00 MI N OF SAN SABA CL	31-21-13.78 = 31.353828	098-40-19.22 = -98.672006

231670028903040 | Highway agency district: 23 | Owner: State Highway Agency [01] | Maintenance responsibility: State Highway Agency [01]

Route: 16 | SH 16 | Toll: On free road [3] | Features intersected: COLORADO RIVER

Design - main	Steel [3]	Design - approach	Steel [3]	Kilometerpoint	1546.2 km = 958.6 mi
2	Truss - Thru [10]	18	Stringer/Multi-beam or girder [02]	Year built: 1939	Year reconstructed: N/A [0000]
				Skew angle: 0	Structure Flared:
				Historical significance	Bridge is eligible for the NRHP. [2]

Total length: 367.3 m = 1205.1 ft | Length of maximum span: 45.7 m = 149.9 ft | Deck width, out-to-out: 7.9 m = 25.9 ft | Bridge roadway width, curb-to-curb: 7.2 m = 23.6 ft

Inventory Route, Total Horizontal Clearance: 7.2 m = 23.6 ft | Curb or sidewalk width - left: 0 m = 0.0 ft | Curb or sidewalk width - right: 0 m = 0.0 ft

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

Type of wearing surface: Bituminous [6]

Deck protection: Unknown [8]

Type of membrane/wearing surface: Unknown [8]

Weight Limits

Bypass, detour length: 3.2 km = 2.0 mi

Method to determine inventory rating: Load Factor(LF) [1] | Inventory rating: 28.1 metric ton = 30.9 tons

Method to determine operating rating: Load Factor(LF) [1] | Operating rating: 44.4 metric ton = 48.8 tons

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

Functional Details

Average Daily Traffic	1250	Average daily truck traffi	10 %	Year	2013	Future average daily traffic	1750	Year	2033

Road classification	Major Collector (Rural) [07]	Lanes on structure	2	Approach roadway width	11 m = 36.1 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 vertical clearanc	0 = N/A	Navigation horizontal clearance	0 = N/A		
Minimum navigation vertical clearance, vertical lift bridge		Minimum vertical clearance over bridge roadway	4.88 m = 16.0 ft		
Minimum lateral underclearance reference feature	Feature not a highway or railroad [N]				
Minimum lateral underclearance on right	99.9 = Unlimited	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

Other structural work, including hydraulic replacements. [38]

Work done by	Work to be done by contract [1]		
Bridge improvement cost	58000	Roadway improvement cost	15000
Length of structure improvement	367.3 m = 1205.1 ft	Total project cost	73000
Year of improvement cost estimate			
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	Equal to present minimum criteria [6]
Condition ratings - superstructure	Satisfactory [6]	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 corrrective action [3]
Condition ratings - deck	Good [7]		
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	Equal to present minimum criteria [6]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection		Sufficiency rating	67.6
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 two years [Y24]	Fracture critical inspection date	January 2017 [0117]
Other special inspection	Not needed [N]	Other special inspection date	