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]	Bexar County [029]	San Antonio [65000]	0.02 MI N OF CROCKETT ST	29-25-32.69 = 29.425747	098-29-19.53 = -98.488758

150150B27995001	Highway agency district: 15	Owner: City or Municipal Highway Agency [04]	Maintenance responsibility: City or Municipal Highway Agency [04]		
Route: 0		N PRESA ST	Toll: On free road [3]	Features intersected: SAN ANTONIO RIVER	

Design - main: Steel [3]		Design - approach: Steel [3]		Kilometerpoint: 9.7 km = 6.0 mi	
1	Truss - Thru [10]	1	Girder and floorbeam system [03]	Year built: 1925	Year reconstructed: N/A [0000]
				Skew angle: 29	Structure Flared:
				Historical significance: Bridge is eligible for the NRHP. [2]	

Total length: 54.3 m = 178.2 ft	Length of maximum span: 29.3 m = 96.1 ft	Deck width, out-to-out: 17.3 m = 56.8 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: 1.7 m = 5.6 ft	Curb or sidewalk width - right: 1.7 m = 5.6 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: 0.2 km = 0.1 mi	Method to determine inventory rating: Allowable Stress(AS) [2]	Inventory rating: 22.7 metric ton = 25.0 tons
	Method to determine operating rating: Allowable Stress(AS) [2]	Operating rating: 32.7 metric ton = 36.0 tons
	Bridge posting: Equal to or above legal loads [5]	Design Load:

Functional Details

Average Daily Traffic	2380	Average daily truck traffi	0 %	Year	2013	Future average daily traffic	4450
Year	2033						
Road classification	Local (Urban) [19]	Lanes on structure	2	Approach roadway width	7.3 m = 24.0 ft		
Type of service on bridge	Highway-pedestrian [5]	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	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	9000	Roadway improvement cost	2000
Length of structure improvement	54.3 m = 178.2 ft	Total project cost	11000
Year of improvement cost estimate			
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	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	Satisfactory [6]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Satisfactory [6]		

Scour	Countermeasures have been installed to mitigate an existing problem with scour. [7]
Channel and channel protection	Banks are protected or well vegetated. River control devices such as spur dikes and embankment protection are not required or are in a stable condition. [8]

Appraisal ratings - water adequacy	Superior to present desirable criteria [9]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection		Sufficiency rating	51.8

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	August 2017 [0817]	Designated inspection frequency	24	Months

Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	December 2017 [1217]
Other special inspection	Not needed [N]	Other special inspection date	