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]	0.05 MI SE OF N ST MARY'S	29-25-51.28 = 29.430911	098-29-24.84 = -98.490233

150150B24355005	Highway agency district: 15	Owner: City or Municipal Highway Agency [04]	Maintenance responsibility: City or Municipal Highway Agency [04]		
Route: 8021		NAVARRO ST	Toll: On free road [3]	Features intersected: SAN ANTONIO RIVER	

Design - main	Concrete continuous [2]	Design - approach		Kilometerpoint	123.6 km = 76.6 mi
2	Tee beam [04]	0	Other [00]	Year built: 1921	Year reconstructed: N/A [0000]
				Skew angle: 6	Structure Flared:
				Historical significance	Bridge is eligible for the NRHP. [2]

Total length	23.5 m = 77.1 ft	Length of maximum span	11.6 m = 38.1 ft	Deck width, out-to-out	17.6 m = 57.7 ft	Bridge roadway width, curb-to-curb	10.9 m = 35.8 ft
Inventory Route, Total Horizontal Clearance	10.9 m = 35.8 ft	Curb or sidewalk width - left	3 m = 9.8 ft	Curb or sidewalk width - right	3 m = 9.8 ft		

Deck structure type	Concrete Cast-in-Place [1]
Type of wearing surface	Other [9]
Deck protection	Unknown [8]
Type of membrane/wearing surface	Unknown [8]

Weight Limits

Bypass, detour length	Method to determine inventory rating	No rating analysis or evaluation perfor	Inventory rating	24.5 metric ton = 27.0 tons	
0.2 km = 0.1 mi	Method to determine operating rating	No rating analysis or evaluation perfor	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	6320	Average daily truck traffi	0 %	Year	2011	Future average daily traffic	7500
Year	2031						
Road classification	Other Principal Arterial (Urban) [14]	Lanes on structure	3	Approach roadway width	8.5 m = 27.9 ft		
Type of service on bridge	Highway [1]	Direction of traffic	1 - way traffic [1]	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	6000	Roadway improvement cost	2000
Length of structure improvement	23.5 m = 77.1 ft	Total project cost	8000
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 replacement [2]
Condition ratings - deck	Satisfactory [6]		
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	Superior to present desirable criteria [9]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection		Sufficiency rating	69.9
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	August 2017 [0817]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Not needed [N]	Fracture critical inspection date	
Other special inspection	Not needed [N]	Other special inspection date	