

The National Bridge Inventory contains data submitted by state transportation 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]	0.06 MI S OF N ST MARYS	29-25-52.44 = 29.431233	098-29-23.49 = -98.489858
150150B28705001	Highway agency district: 15	Owner City or Municipal Highway Agency [04]	Maintenance responsibility City or Municipal Highway Agency [04]		
Route 0	RICHMOND AVE	Toll On free road [3]	Features intersected SAN ANTONIO RIVER		
Design - main Steel [3]	Design - approach	Kilometerpoint 24.1 km = 14.9 mi	Year built 1930	Year reconstructed N/A [0000]	
1	Girder and floorbeam system [03]	0	Other [00]	Skew angle 20	Structure Flared
		Historical significance		Bridge is possibly eligible for the NRHP. [3]	
Total length 25 m = 82.0 ft	Length of maximum span 24.7 m = 81.0 ft	Deck width, out-to-out 17.6 m = 57.7 ft	Bridge roadway width, curb-to-curb 11.9 m = 39.0 ft		
Inventory Route, Total Horizontal Clearance 11.9 m = 39.0 ft	Curb or sidewalk width - left 1.8 m = 5.9 ft	Curb or sidewalk width - right 1.8 m = 5.9 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	20 metric ton = 22.0 tons
	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	44.4 metric ton = 48.8 tons
Bridge posting	Equal to or above legal loads [5]	Design Load		

Functional Details

Average Daily Traffic	770	Average daily truck traffi	0	%	Year	2013	Future average daily traffic	786	Year	2033
Road classification	Local (Urban) [19]		Lanes on structure	2		Approach roadway width	11.9 m = 39.0 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	Work done by	Work to be done by contract [1]								
Other structural work, including hydraulic replacements. [38]	Bridge improvement cost	278000	Roadway improvement cost	28000						
	Length of structure improvement	0 m = 0.0 ft		Total project cost	418000					
	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	<input type="text" value="Open, no restriction [A]"/>	Appraisal ratings - structural	<input type="text" value="Somewhat better than minimum adequacy to tolerate being left in place as is [5]"/>
Condition ratings - superstructure	<input type="text" value="Satisfactory [6]"/>	Appraisal ratings - roadway alignment	<input type="text" value="Equal to present desirable criteria [8]"/>
Condition ratings - substructure	<input type="text" value="Satisfactory [6]"/>	Appraisal ratings - deck geometry	<input type="text" value="Better than present minimum criteria [7]"/>
Condition ratings - deck	<input type="text" value="Satisfactory [6]"/>		
Scour	<input type="text" value="Countermeasures have been installed to mitigate an existing problem with scour. [7]"/>		
Channel and channel protection	<input type="text" value="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	<input type="text" value="Superior to present desirable criteria [9]"/>	Status evaluation	<input type="text"/>
Pier or abutment protection	<input type="text"/>	Sufficiency rating	<input type="text" value="81.7"/>
Culverts	<input type="text" value="Not applicable. Used if structure is not a culvert. [N]"/>		
Traffic safety features - railings	<input type="text"/>		
Traffic safety features - transitions	<input type="text"/>		
Traffic safety features - approach guardrail	<input type="text"/>		
Traffic safety features - approach guardrail ends	<input type="text"/>		
Inspection date	<input type="text" value="August 2017 [0817]"/>	Designated inspection frequency	<input type="text" value="24"/> Months
Underwater inspection	<input type="text" value="Not needed [N]"/>	Underwater inspection date	<input type="text"/>
Fracture critical inspection	<input type="text" value="Every two years [Y24]"/>	Fracture critical inspection date	<input type="text" value="October 2018 [1018]"/>
Other special inspection	<input type="text" value="Not needed [N]"/>	Other special inspection date	<input type="text"/>