

HistoricBridges.org - National Bridge Inventory Data Sheet

2019 Inventory

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 E OF SOLEDAD ST	29-25-39.51 = 29.427642	098-29-32.48 = -98.492356
150150B34690003	Highway agency district: 15	Owner City or Municipal Highway Agency [04]	Maintenance responsibility City or Municipal Highway Agency [04]		
Route 8137		TRAVIS ST	Toll On free road [3]	Features intersected SAN ANTONIO RIVER	
Design - main	Concrete continuous [2]	Design - approach		Kilometerpoint 51.5 km = 31.9 mi	
2	Tee beam [04]	0	Other [00]	Year built 1929	Year reconstructed N/A [0000]
				Skew angle 36	Structure Flared
				Historical significance	Bridge is eligible for the NRHP. [2]
Total length	30.5 m = 100.1 ft	Length of maximum span	15.2 m = 49.9 ft	Deck width, out-to-out	20.3 m = 66.6 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	3.7 m = 12.1 ft	Curb or sidewalk width - right	3.7 m = 12.1 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	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	6670	Average daily truck traffi	0	%	Year	2013	Future average daily traffic	10000	Year	2033
Road classification	Minor Arterial (Urban) [16]		Lanes on structure	4		Approach roadway width	11.9 m = 39.0 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	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	8000	Roadway improvement cost	2000
	Length of structure improvement	30.5 m = 100.1 ft	Total project cost	10000
	Year of improvement cost estimate			
	Border bridge - state		Border bridge - percent responsibility of other state	
	Border bridge - structure number			

Inspection and Sufficiency

Structure status	<input type="text" value="Posted for load [P]"/>	Appraisal ratings - structural	<input type="text" value="Equal to present minimum criteria [6]"/>
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="Good [7]"/>	Appraisal ratings - deck geometry	<input type="text" value="Basically intolerable requiring high priority of replacement [2]"/>
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="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	<input type="text" value="Superior to present desirable criteria [9]"/>	Status evaluation	<input type="text" value="Functionally obsolete [2]"/>
Pier or abutment protection	<input type="text"/>	Sufficiency rating	<input type="text" value="69.9"/>
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="Not needed [N]"/>	Fracture critical inspection date	<input type="text"/>
Other special inspection	<input type="text" value="Not needed [N]"/>	Other special inspection date	<input type="text"/>