

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]	Travis County [453]	Austin [05000]	0.1 MI S OF CESAR CHAVEZ	30-15-35.67 = 30.259908	097-44-44.75 = -97.745764
142270B00425007	Highway agency district: 14	Owner City or Municipal Highway Agency [04]	Maintenance responsibility City or Municipal Highway Agency [04]		
Route 0		S CONGRESS AVE	Toll On free road [3]	Features intersected LADY BIRD LAKE	
Design - main 8	Prestressed concrete [5]	Design - approach 0	Other [00]	Kilometerpoint 115.8 km = 71.8 mi	
	Box beam or girders - Multiple [05]			Year built 1909	Year reconstructed 1980
				Skew angle 0	Structure Flared
				Historical significance	Bridge is possibly eligible for the NRHP. [3]
Total length	290.8 m = 954.1 ft	Length of maximum span	36.3 m = 119.1 ft	Deck width, out-to-out	24.8 m = 81.4 ft
				Bridge roadway width, curb-to-curb	18.3 m = 60.0 ft
Inventory Route, Total Horizontal Clearance	18.3 m = 60.0 ft	Curb or sidewalk width - left	2.9 m = 9.5 ft	Curb or sidewalk width - right	2.9 m = 9.5 ft
Deck structure type	Concrete Precast Panels [2]				
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	34580	Average daily truck traffi	3	%	Year	2014	Future average daily traffic	55040	Year	2034
Road classification	Other Principal Arterial (Urban) [14]		Lanes on structure	6		Approach roadway width	18.3 m = 60.0 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	114000	Roadway improvement cost	29000
	Length of structure improvement	290.8 m = 954.1 ft	Total project cost	143000
	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	Good [7]	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	Very Good [8]		
Scour	Bridge foundations determined to be stable for assessed or calculated scour condition. [5]		
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	Navigation protection not required [1]	Sufficiency rating	66.1
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	March 2018 [0318]	Designated inspection frequency	24 Months
Underwater inspection	Unknown [Y60]	Underwater inspection date	March 2014 [0314]
Fracture critical inspection	Not needed [N]	Fracture critical inspection date	
Other special inspection	Not needed [N]	Other special inspection date	