

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]	0.2 MI S OF 5TH ST	30-15-56.89 = 30.265803	097-45-23.27 = -97.756464
142270011312065	Highway agency district: 14	Owner State Highway Agency [01]	Maintenance responsibility	City or Municipal Highway Agency [04]	
Route 343	LP343/S LAMAR BLVD	Toll On free road [3]	Features intersected	LADY BIRD LAKE/C CHAVEZ	
Design - main Concrete [1]	Design - approach Other [00]	Kilometerpoint 208.7 km = 129.4 mi	Year built 1943	Year reconstructed N/A [0000]	
6	Arch - Deck [11]	0	Skew angle 0	Structure Flared	
			Historical significance	Bridge is on the NRHP. [1]	
Total length 200.9 m = 659.2 ft	Length of maximum span 33.5 m = 109.9 ft	Deck width, out-to-out 15.5 m = 50.9 ft	Bridge roadway width, curb-to-curb 12.6 m = 41.3 ft		
Inventory Route, Total Horizontal Clearance 12.6 m = 41.3 ft	Curb or sidewalk width - left 1.1 m = 3.6 ft	Curb or sidewalk width - right 1.1 m = 3.6 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 km = 0.0 mi	Method to determine inventory rating Load and Resistance Factor(LRFR) [3]	Inventory rating 32.7 metric ton = 36.0 tons
	Method to determine operating rating Load and Resistance Factor(LRFR) [3]	Operating rating 44.4 metric ton = 48.8 tons
Bridge posting Equal to or above legal loads [5]	Design Load M 13.5 / H 15 [2]	

Functional Details

Average Daily Traffic	39910	Average daily truck traffi	1	%	Year	2013	Future average daily traffic	55870	Year	2033
Road classification	Other Principal Arterial (Urban) [14]		Lanes on structure	4	Approach roadway width	12.8 m = 42.0 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	Highway-waterway [6]		Lanes under structure	4	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	Highway beneath structure [H]									
Minimum lateral underclearance on right	0.2 m = 0.7 ft				Minimum lateral underclearance on left	0 = N/A				
Minimum Vertical Underclearance	4.12 m = 13.5 ft		Minimum vertical underclearance reference feature	Highway beneath structure [H]						
Appraisal ratings - underclearances	Basically intolerable requiring high priority of corrective action [3]									

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	55000	Roadway improvement cost	14000						
	Length of structure improvement	200.9 m = 659.2 ft		Total project cost	69000					
	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

Fair [5]

Scour

Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]

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

73

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

May 2017 [0517]

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