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]	Travis County [453]	Austin [05000]	0.70 MI E OF LP 1	30-15-53.62 = 30.264894	097-45-54.14 = -97.765039

142270B00226001	Highway agency district:	14	Owner	City or Municipal Highway Agency [04]	Maintenance responsibility	City or Municipal Highway Agency [04]	
Route	0		BARTON SPRINGS RD	Toll	On free road [3]	Features intersected	BARTON CREEK

Design - main	Concrete [1]	Design - approach		Kilometerpoint	112.6 km = 69.8 mi		
3	Arch - Deck [11]	0	Other [00]	Year built	1925	Year reconstructed	1946
				Skew angle	15	Structure Flared	
				Historical significance	Bridge is on the NRHP. [1]		

Total length	64.6 m = 212.0 ft	Length of maximum span	21.3 m = 69.9 ft	Deck width, out-to-out	17.9 m = 58.7 ft	Bridge roadway width, curb-to-curb	14.6 m = 47.9 ft
Inventory Route, Total Horizontal Clearance	14.6 m = 47.9 ft	Curb or sidewalk width - left	1.3 m = 4.3 ft	Curb or sidewalk width - right	1.3 m = 4.3 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	
0.5 km = 0.3 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	19170	Average daily truck traffi	0 %	Year	2014	Future average daily traffic	22050
Year	2034						
Road classification	Local (Urban) [19]	Lanes on structure	4	Approach roadway width	14.6 m = 47.9 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

Other structural work, including hydraulic replacements. [38]

Work done by	Work to be done by contract [1]		
Bridge improvement cost	20000	Roadway improvement cost	5000
Length of structure improvement	64.6 m = 212.0 ft	Total project cost	25000
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	Bridge foundations determined to be stable for assessed or calculated scour condition. [5]		
Channel and channel protection	Bank protection is being eroded. River control devices and/or embankment have major damage. Trees and rush restrict the channel. [5]		
Appraisal ratings - water adequacy	Better than present minimum criteria [7]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection	Navigation protection not required [1]	Sufficiency rating	67.3
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings			
Traffic safety features - transitions	Not applicable or a safety feature is not required. [N]		
Traffic safety features - approach guardrail	Not applicable or a safety feature is not required. [N]		
Traffic safety features - approach guardrail ends	Not applicable or a safety feature is not required. [N]		

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			