HistoricBridges.org - National Bridge Inventory Data Sheet

2018 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]	Somervell County [425]	Unknown [00000]	2.5 MI E OF FM-200	32-16-19.07 = 32.271964	097-39-50.14 = -97.663928

22130025903046 | Highway agency district: 2 | Owner: State Highway Agency [01] | Maintenance responsibility: State Highway Agency [01]

Route: 67 | | US 67 SB | Toll: On free road [3] | Features intersected: BRAZOS RIVER

Design - main	Steel continuous [4]	Design - approach	Steel continuous [4]	Kilometerpoint	455 km = 282.1 mi
3	Truss - Thru [10]	9	Stringer/Multi-beam or girder [02]	Year built: 1947	Year reconstructed: 2008
				Skew angle: 0	Structure Flared:
				Historical significance	Bridge is eligible for the NRHP. [2]

Total length	364.8 m = 1196.9 ft	Length of maximum span	76.2 m = 250.0 ft	Deck width, out-to-out	8.9 m = 29.2 ft	Bridge roadway width, curb-to-curb	8.3 m = 27.2 ft
Inventory Route, Total Horizontal Clearance	8.3 m = 27.2 ft	Curb or sidewalk width - left	0 m = 0.0 ft	Curb or sidewalk width - right	0 m = 0.0 ft		

Deck structure type	Concrete Cast-in-Place [1]
Type of wearing surface	Monolithic Concrete (concurrently placed with structural deck) [1]
Deck protection	Epoxy Coated Reinforcing [1]
Type of membrane/wearing surface	Other [9]

Weight Limits

Bypass, detour length	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	32.7 metric ton = 36.0 tons
0.2 km = 0.1 mi	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	44.4 metric ton = 48.8 tons
	Bridge posting	Equal to or above legal loads [5]	Design Load	M 18 / H 20 [4]

Functional Details

Average Daily Traffic	7680	Average daily truck traffi	9 %	Year	2016	Future average daily traffic	7730	Year	2036

Road classification	Principal Arterial - Other (Rural) [02]	Lanes on structure	2	Approach roadway width	11.6 m = 38.1 ft
Type of service on bridge	Highway [1]	Direction of traffic	1 - way traffic [1]	Bridge median	
Parallel structure designation	The right structure of parallel bridges carrying the roadway in the direction of the inventory. [R]				
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	4.88 m = 16.0 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	5560000	Roadway improvement cost	4911000
Length of structure improvement	364.8 m = 1196.9 ft	Total project cost	10471000
Year of improvement cost estimate	2010		
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	Good [7]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of corrrective action [3]
Condition ratings - deck	Good [7]		

Scour	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]
Channel and channel protection	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	Superior to present desirable criteria [9]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection		Sufficiency rating	75.1

Culverts	Not applicable. Used if structure is not a culvert. [N]

Traffic safety features - railings	Inpected feature meets currently acceptable standards. [1]
Traffic safety features - transitions	Inpected feature meets currently acceptable standards. [1]
Traffic safety features - approach guardrail	Inpected feature meets currently acceptable standards. [1]
Traffic safety features - approach guardrail ends	Inpected feature meets currently acceptable standards. [1]

Inspection date	December 2016 [1216]	Designated inspection frequency	24	Months

Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	November 2016 [1116]
Other special inspection	Not needed [N]	Other special inspection date	