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]	Wichita County [485]	Unknown [46050]	1.2 MI SE OF IH 44	33-55-07.64 = 33.918789	098-29-51.40 = -98.497611

32430004410063	Highway agency district: 3	Owner: City or Municipal Highway Agency [04]	Maintenance responsibility: City or Municipal Highway Agency [04]		

Route: 287		BUS 287/LOOP 370	Toll: On free road [3]	Features intersected: WICHITA RIVER	

Design - main: Concrete [1]		Design - approach:		Kilometerpoint: 4537.9 km = 2813.5 mi	
3	Arch - Deck [11]	0	Other [00]	Year built: 1929	Year reconstructed: N/A [0000]
				Skew angle: 0	Structure Flared:
				Historical significance: Bridge is eligible for the NRHP. [2]	

Total length: 84.1 m = 275.9 ft	Length of maximum span: 29 m = 95.1 ft	Deck width, out-to-out: 16.2 m = 53.2 ft	Bridge roadway width, curb-to-curb: 12.2 m = 40.0 ft		
Inventory Route, Total Horizontal Clearance: 12.2 m = 40.0 ft	Curb or sidewalk width - left: 1.5 m = 4.9 ft	Curb or sidewalk width - right: 1.5 m = 4.9 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: 0.2 km = 0.1 mi	Method to determine inventory rating: No rating analysis or evaluation perfor	Inventory rating: 24.5 metric ton = 27.0 tons			
	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	6460	Average daily truck traffi	9 %	Year	2013	Future average daily traffic	9050
Year	2033						
Road classification	Other Principal Arterial (Urban) [14]	Lanes on structure	4	Approach roadway width	12.2 m = 40.0 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

Other structural work, including hydraulic replacements. [38]

Work done by	Work to be done by contract [1]		
Bridge improvement cost	22000	Roadway improvement cost	6000
Length of structure improvement	84.1 m = 275.9 ft	Total project cost	28000
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	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	Equal to present minimum criteria [6]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection		Sufficiency rating	69.9
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	July 2016 [0716]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Not needed [N]	Fracture critical inspection date	
Other special inspection	Not needed [N]	Other special inspection date	