

The National Bridge Inventory contains data submitted by state transportation departments to the Federal Highway Administration in coded format.
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Basic Information

Texas [48]	Orange County [361]	Bridge City [10252]	0.40 MI S OF SH 62	30-02-41.37 = 30.044825	093-49-17.05 = -93.821403
201810030601017	Highway agency district: 20	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 73	SH 73/SH 87 NB	Toll On free road [3]	Features intersected	COW BAYOU	
Design - main Steel [3]	Design - approach Steel [3]	Kilometerpoint 749.3 km = 464.6 mi	Year built 1941	Year reconstructed 2015	
2	Movable - Swing [17]	13	Stringer/Multi-beam or girder [02]	Skew angle 0	Structure Flared
		Historical significance	Bridge is on the NRHP. [1]		
Total length 245.1 m = 804.2 ft	Length of maximum span 46.9 m = 153.9 ft	Deck width, out-to-out 9.7 m = 31.8 ft	Bridge roadway width, curb-to-curb 7.8 m = 25.6 ft		
Inventory Route, Total Horizontal Clearance 7.8 m = 25.6 ft	Curb or sidewalk width - left 0 m = 0.0 ft	Curb or sidewalk width - right 1.2 m = 3.9 ft			
Deck structure type	Concrete Cast-in-Place [1]				
Type of wearing surface	Monolithic Concrete (concurrently placed with structural deck) [1]				
Deck protection	Unknown [8]				
Type of membrane/wearing surface	Unknown [8]				

Weight Limits

Bypass, detour length 1.1 km = 0.7 mi	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	27.2 metric ton = 29.9 tons
	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	12300	Average daily truck traffi	7 %	Year	2013	Future average daily traffic	17220	Year	2033
Road classification	Other Principal Arterial (Urban) [14]		Lanes on structure	2		Approach roadway width	7.3 m = 24.0 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 control on waterway (bridge permit required). [1]		
Navigation vertical clearanc	3 m = 9.8 ft		Navigation horizontal clearance	15.2 m = 49.9 ft					
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]		
Replacement of bridge or other structure because of substandard load carrying capacity or substantial bridge roadway geometry. [31]	Bridge improvement cost	1301000	Roadway improvement cost	325000
	Length of structure improvement	257.3 m = 844.2 ft	Total project cost	1626000
	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	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - superstructure	Fair [5]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Very Good [8]	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 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	Equal to present minimum criteria [6]	Status evaluation	
Pier or abutment protection	In place but in a deteriorated condition [3]	Sufficiency rating	50.6
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings			
Traffic safety features - transitions	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail ends	Inspected feature meets currently acceptable standards. [1]		
Inspection date	March 2018 [0318]	Designated inspection frequency	24 Months
Underwater inspection	Unknown [Y60]	Underwater inspection date	February 2016 [0216]
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	November 2017 [1117]
Other special inspection	Not needed [N]	Other special inspection date	