

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]	Llano County [299]
Unknown [24950]	0.40 MI S OF SH 29
141500029001023	Highway agency district 14
Owner State Highway Agency [01]	Maintenance responsibility State Highway Agency [01]
Route 16	SH 16
Toll On free road [3]	Features intersected LLANO RIVER
Design - main Steel [3]	Design - approach
4	Truss - Thru [10]
2	Mixed types [20]
Kilometerpoint 57.6 km = 35.7 mi	Year built 1936
Year reconstructed N/A [0000]	Skew angle 0
Structure Flared	Historical significance Bridge is on the NRHP. [1]
Total length 267.3 m = 877.0 ft	Length of maximum span 60.7 m = 199.2 ft
Deck width, out-to-out 8.1 m = 26.6 ft	Bridge roadway width, curb-to-curb 7.3 m = 24.0 ft
Inventory Route, Total Horizontal Clearance 7.3 m = 24.0 ft	Curb or sidewalk width - left 1.5 m = 4.9 ft
	Curb or sidewalk width - right 1.2 m = 3.9 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 6 km = 3.7 mi	Method to determine inventory rating Load Factor(LF) [1]
	Inventory rating 21.8 metric ton = 24.0 tons
	Method to determine operating rating Load Factor(LF) [1]
	Operating rating 37.2 metric ton = 40.9 tons
Bridge posting Equal to or above legal loads [5]	Design Load M 13.5 / H 15 [2]

Functional Details

Average Daily Traffic	11700	Average daily truck traffi	10	%	Year	2009	Future average daily traffic	16380	Year	2029
Road classification	Minor Arterial (Rural) [06]		Lanes on structure	2		Approach roadway width	9.1 m = 29.9 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	4.34 m = 14.2 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	1413000	Roadway improvement cost	353000						
	Length of structure improvement	279.5 m = 917.0 ft		Total project cost	1766000					
	Year of improvement cost estimate	2009								
	Border bridge - state					Border bridge - percent responsibility of other state				
	Border bridge - structure number									

Inspection and Sufficiency

Structure status	<input type="text" value="Open, no restriction [A]"/>	Appraisal ratings - structural	<input type="text" value="Somewhat better than minimum adequacy to tolerate being left in place as is [5]"/>
Condition ratings - superstructure	<input type="text" value="Satisfactory [6]"/>	Appraisal ratings - roadway alignment	<input type="text" value="Equal to present desirable criteria [8]"/>
Condition ratings - substructure	<input type="text" value="Satisfactory [6]"/>	Appraisal ratings - deck geometry	<input type="text" value="Basically intolerable requiring high priority of replacement [2]"/>
Condition ratings - deck	<input type="text" value="Fair [5]"/>		
Scour	<input type="text" value="Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]"/>		
Channel and channel protection	<input type="text" value="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	<input type="text" value="Equal to present minimum criteria [6]"/>	Status evaluation	<input type="text" value="Functionally obsolete [2]"/>
Pier or abutment protection	<input type="text"/>	Sufficiency rating	<input type="text" value="45.7"/>
Culverts	<input type="text" value="Not applicable. Used if structure is not a culvert. [N]"/>		
Traffic safety features - railings	<input type="text"/>		
Traffic safety features - transitions	<input type="text"/>		
Traffic safety features - approach guardrail	<input type="text"/>		
Traffic safety features - approach guardrail ends	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Inspection date	<input type="text" value="August 2009 [0809]"/>	Designated inspection frequency	<input type="text" value="24"/> Months
Underwater inspection	<input type="text" value="Not needed [N]"/>	Underwater inspection date	<input type="text"/>
Fracture critical inspection	<input type="text" value="Every two years [Y24]"/>	Fracture critical inspection date	<input type="text" value="January 2011 [0111]"/>
Other special inspection	<input type="text" value="Not needed [N]"/>	Other special inspection date	<input type="text"/>