

The National Bridge Inventory contains data submitted by state transportation 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] Fayette County [149] Unknown [00000] 1.15 MI E OF END FM 615 29-43-37.85 = 29.727181 096-50-43.56 = -96.845433

130760AA0189001 Highway agency district 13 Owner County Highway Agency [02] Maintenance responsibility County Highway Agency [02]

Route 0 PIANO BRIDGE RD Toll On free road [3] Features intersected EAST NAVIDAD RIVER

Design - main Steel [3] Design - approach Mixed types [20] Kilometerpoint 185 km = 114.7 mi

1 Truss - Thru [10] 2 Year built #Num! Year reconstructed 2012

Skew angle 0 Structure Flared

Historical significance Bridge is eligible for the NRHP. [2]

Total length 37.2 m = 122.1 ft Length of maximum span 24.1 m = 79.1 ft Deck width, out-to-out 3.6 m = 11.8 ft Bridge roadway width, curb-to-curb 3.5 m = 11.5 ft

Inventory Route, Total Horizontal Clearanc 3.5 m = 11.5 ft Curb or sidewalk width - left 0 m = 0.0 ft Curb or sidewalk width - right 0 m = 0.0 ft

Deck structure type Wood or Timber [8]

Type of wearing surface Other [9]

Deck protection Unknown [8]

Type of membrane/wearing surface Unknown [8]

**Weight Limits**

Bypass, detour length 1 km = 0.6 mi Method to determine inventory rating Load Factor(LF) [1] Inventory rating 19.8 metric ton = 21.8 tons

Method to determine operating rating Load Factor(LF) [1] Operating rating 26.1 metric ton = 28.7 tons

Bridge posting Design Load

### Functional Details

Average Daily Traffic	150	Average daily truck traffi		%	Year	2012	Future average daily traffic	200	Year	2034
Road classification	Local (Rural) [09]		Lanes on structure	1	Approach roadway width	5.5 m = 18.0 ft				
Type of service on bridge	Highway [1]		Direction of traffic	One lane bridge for 2 - way traffic [3]		Bridge median				
Parallel structure designatio	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	4.52 m = 14.8 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	7000	Roadway improvement cost	2000						
	Length of structure improvement	50.6 m = 166.0 ft		Total project cost	9000					
	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	<input type="text" value="Posted for load [P]"/>	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="Meets minimum tolerable limits to be left in place as is [4]"/>
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="Very Good [8]"/>		
Scour	<input type="text" value="Bridge foundations determined to be stable for assessed or calculated scour condition. [5]"/>		
Channel and channel protection	<input type="text" value="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	<input type="text" value="Equal to present minimum criteria [6]"/>	Status evaluation	<input type="text"/>
Pier or abutment protection	<input type="text"/>	Sufficiency rating	<input type="text" value="55.3"/>
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"/>		
Inspection date	<input type="text" value="May 2016 [0516]"/>	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="October 2016 [1016]"/>
Other special inspection	<input type="text" value="Not needed [N]"/>	Other special inspection date	<input type="text"/>