

# HistoricBridges.org - National Bridge Inventory Data Sheet

2011 Inventory

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]	Bastrop County [021]	Unknown [03050]	0.4 MI E OF JCT SH 71	30-06-36.00 = 30.110000	097-19-24.00 = -97.323333
140110026510010	Highway agency district 14	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 150	LOOP 150	Toll On free road [3]	Features intersected	COLORADO RIVER	
Design - main Steel [3]	Design - approach	Kilometerpoint	Year built 1924	Year reconstructed #Num!	
3	Truss - Thru [10]	18 Mixed types [20]	Skew angle 0	Structure Flared	
			Historical significance	Historical significance is not determinable at this time. [4]	
Total length 391.7 m = 1285.2 ft	Length of maximum span 59.4 m = 194.9 ft	Deck width, out-to-out 6.5 m = 21.3 ft	Bridge roadway width, curb-to-curb 5.8 m = 19.0 ft		
Inventory Route, Total Horizontal Clearance 0.5 m = 1.6 ft	Curb or sidewalk width - left 0.9 m = 3.0 ft	Curb or sidewalk width - right 0 m = 0.0 ft			
Deck structure type	Concrete Cast-in-Place [1]				
Type of wearing surface	Bituminous [6]				
Deck protection					
Type of membrane/wearing surface	Built-up [1]				

## Weight Limits

Bypass, detour length	Method to determine inventory rating	Inventory rating
0 km = 0.0 mi	Method to determine operating rating	16.9 metric ton = 18.6 tons
	Bridge posting	Operating rating 22.5 metric ton = 24.8 tons
	Equal to or above legal loads [5]	Design Load M 13.5 / H 15 [2]

### Functional Details

Average Daily Traffic	12100	Average daily truck traffi	4	%	Year	1990	Future average daily traffic	22970	Year	2010
Road classification	Major Collector (Rural) [07]		Lanes on structure	2		Approach roadway width	5.5 m = 18.0 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	4.59 m = 15.1 ft			
Minimum lateral underclearance reference feature	Feature not a highway or railroad [N]									
Minimum lateral underclearance on right	0 = N/A					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	2033000	Roadway improvement cost	508000
	Length of structure improvement	402.3 m = 1319.9 ft	Total project cost	2541000
	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	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - superstructure	Fair [5]	Appraisal ratings - roadway alignment	Better than present minimum criteria [7]
Condition ratings - substructure	Fair [5]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Poor [4]		
Scour	Scour calculation/evaluation has not been made. [6]		
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 desirable criteria [8]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	45.6
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	April 1991 [0491]	Designated inspection frequency	24 Months
Underwater inspection	Unknown [Y60]	Underwater inspection date	September 1990 [0990]
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	April 1991 [0491]
Other special inspection	Not needed [N]	Other special inspection date	