

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							
California [06]	San Joaquin County [077]	Unknown [00000]	10-SJ-004-14.15	37-55-42 = 37.928333	121-19-36 = - 121.326667		
29 0050	Highway agency district	10	Owner	State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route	4		SR 4	Toll	On free road [3]	Features intersected	SAN JOAQUIN RIVER
Design - main	Steel [3]	Design - approach	Concrete [1]	Kilometerpoint	1415 km = 877.3 mi		
2	Movable - Swing [17]	1	Tee beam [04]	Year built	1933	Year reconstructed	N/A [0000]
				Skew angle	0	Structure Flared	
				Historical significance	Bridge is not eligible for the NRHP. [5]		
Total length	92 m = 301.9 ft	Length of maximum span	39.3 m = 128.9 ft	Deck width, out-to-out	7.8 m = 25.6 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	1.1 m = 3.6 ft	Curb or sidewalk width - right	0.2 m = 0.7 ft		
Deck structure type	Concrete Cast-in-Place [1]						
Type of wearing surface	Integral Concrete (separate non-modified layer of concrete added to structural deck) [2]						
Deck protection							
Type of membrane/wearing surface							

Weight Limits				
Bypass, detour length	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	27.2 metric ton = 29.9 tons
2.1 km = 1.3 mi	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	45.7 metric ton = 50.3 tons
	Bridge posting	Equal to or above legal loads [5]	Design Load	M 13.5 / H 15 [2]

### Functional Details

Average Daily Traffic	19950	Average daily truck traffi	17	%	Year	2009	Future average daily traffic	16833	Year	2033
Road classification	Other Principal Arterial (Urban) [14]		Lanes on structure	2		Approach roadway width	8.8 m = 28.9 ft			
Type of service on bridge	Highway-pedestrian [5]		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 control on waterway (bridge permit required). [1]			
Navigation vertical clearanc	4.6 m = 15.1 ft			Navigation horizontal clearance	31.1 m = 102.0 ft					
Minimum navigation vertical clearance, vertical lift bridge				Minimum vertical clearance over bridge roadway	4.9 m = 16.1 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]								
Other structural work, including hydraulic replacements. [38]	Bridge improvement cost	1644000	Roadway improvement cost	328000						
	Length of structure improvement	92 m = 301.9 ft		Total project cost	2762000					
	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="Open, no restriction [A]"/>	Appraisal ratings - structural	<input type="text" value="Meets minimum tolerable limits to be left in place as is [4]"/>
Condition ratings - superstructure	<input type="text" value="Poor [4]"/>	Appraisal ratings - roadway alignment	<input type="text" value="Equal to present desirable criteria [8]"/>
Condition ratings - substructure	<input type="text" value="Good [7]"/>	Appraisal ratings - deck geometry	<input type="text" value="Basically intolerable requiring high priority of replacement [2]"/>
Condition ratings - deck	<input type="text" value="Good [7]"/>		
Scour	<input [u]"="" been="" evaluated="" for="" foundation="" has="" not="" scour.="" that="" type="text" unknown\"="" value="Bridge with \"/>		
Channel and channel protection	<input type="text" value="Bank is beginning to slump. River control devices and embankment protection have widespread minor damage. There is minor stream bed movement evident. Debris is restricting the channel slightly. [6]"/>		
Appraisal ratings - water adequacy	<input type="text" value="Better than present minimum criteria [7]"/>	Status evaluation	<input type="text" value="Structurally deficient [1]"/>
Pier or abutment protection	<input type="text" value="In place and functioning [2]"/>	Sufficiency rating	<input type="text" value="35.1"/>
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="April 2011 [0411]"/>	Designated inspection frequency	<input type="text" value="24"/> Months
Underwater inspection	<input type="text" value="Unknown [Y60]"/>	Underwater inspection date	<input type="text" value="September 2009 [0909]"/>
Fracture critical inspection	<input type="text" value="Every two years [Y24]"/>	Fracture critical inspection date	<input type="text" value="December 2011 [1211]"/>
Other special inspection	<input type="text" value="Not needed [N]"/>	Other special inspection date	<input type="text"/>