

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]	Contra Costa County [013]	Richmond [60620]	04-CC-580-6.22-RCH	37-56-06 = 37.935000	122-26-42 = - 122.445000
28 0100	Highway agency district 4	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 580	INTERSTATE 580	Toll Toll bridge [1]	Features intersected	SAN PABLO BAY	
Design - main Steel [3]	Design - approach Steel [3]	Kilometerpoint 622 km = 385.6 mi	Year built 1956	Year reconstructed N/A [0000]	
6	Truss - Thru [10]	137	Truss - Deck [09]	Skew angle 0	Structure Flared
		Historical significance Bridge is not eligible for the NRHP. [5]			
Total length 6506 m = 21346.2 ft	Length of maximum span 331.3 m = 1087.0 ft	Deck width, out-to-out 24 m = 78.7 ft	Bridge roadway width, curb-to-curb 22 m = 72.2 ft		
Inventory Route, Total Horizontal Clearance 11 m = 36.1 ft	Curb or sidewalk width - left 0.7 m = 2.3 ft	Curb or sidewalk width - right 0.7 m = 2.3 ft			
Deck structure type	Concrete Cast-in-Place [1]				
Type of wearing surface	Monolithic Concrete (concurrently placed with structural deck) [1]				
Deck protection	Other [9]				
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length 6 km = 3.7 mi	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	29 metric ton = 31.9 tons
	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	49 metric ton = 53.9 tons
Bridge posting	Equal to or above legal loads [5]	Design Load	MS 18 / HS 20 [5]	

Functional Details

Average Daily Traffic Average daily truck traffi % Year Future average daily traffic Year

Road classification Lanes on structure Approach roadway width

Type of service on bridge Direction of traffic Bridge median

Parallel structure designation

Type of service under bridge Lanes under structure Navigation control

Navigation vertical clearanc Navigation horizontal clearance

Minimum navigation vertical clearance, vertical lift bridge Minimum vertical clearance over bridge roadway

Minimum lateral underclearance reference feature

Minimum lateral underclearance on right Minimum lateral underclearance on left

Minimum Vertical Underclearance Minimum vertical underclearance reference feature

Appraisal ratings - underclearances

Repair and Replacement Plans

Type of work to be performed

Work done by

Bridge improvement cost Roadway improvement cost

Length of structure improvement Total project cost

Year of improvement cost estimate

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="Fair [5]"/>	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="Somewhat better than minimum adequacy to tolerate being left in place as is [5]"/>
Condition ratings - deck	<input type="text" value="Fair [5]"/>		
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="There are no noticeable or noteworthy deficiencies which affect the condition of the channel. [9]"/>		
Appraisal ratings - water adequacy	<input type="text" value="Superior to present desirable criteria [9]"/>	Status evaluation	<input type="text"/>
Pier or abutment protection	<input type="text" value="In place but in a deteriorated condition [3]"/>	Sufficiency rating	<input type="text" value="59.9"/>
Culverts	<input type="text" value="Not applicable. Used if structure is not a culvert. [N]"/>		
Traffic safety features - railings	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Traffic safety features - transitions	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Traffic safety features - approach guardrail	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Traffic safety features - approach guardrail ends	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Inspection date	<input type="text" value="September 2009 [0909]"/>	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 2007 [0907]"/>
Fracture critical inspection	<input type="text" value="Every two years [Y24]"/>	Fracture critical inspection date	<input type="text" value="May 2010 [0510]"/>
Other special inspection	<input type="text" value="Not needed [N]"/>	Other special inspection date	<input type="text"/>