The National Bridge Inventory contains data submitted by state transportion 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 Info	ormation											38-02-29 =	122-07-25 = -
California [06] Contra Costa Coun			County [	nty [013]		Martinez [46114]		04-CC-680-25.04-MTZ				38.041389	122-07-23 = -
28 01	153L	Highwa	Highway agency district 4			Owner State Highway Agency [01]				Maintenance responsibility St		State Highway A	Agency [01]
Route 680 INTERSTATE 680 SB				SB	Toll Toll bridge [1] Features intersected UP,BNSF,AN					MTRAK,SUISUN I	ВА		
Design - main	approac			Design - approach	Stringer/Multi-beam or girder [02]  Skew angle  0			1962	Structure Flared				
Total length 1894.3 m = 6215.2 ft Length of maximum span 160.9 m = 527.9 ft Deck width, out-to-out 23.6 m = 77.4 ft Bridge roadway width, curb-to-curb 18.5 m = 60.7 ft Inventory Route, Total Horizontal Clearance 11 m = 36.1 ft Curb or sidewalk width - left 0 m = 0.0 ft Curb or sidewalk width - right 0 m = 0.0 ft													
Deck structure type  Type of wearing surface  Deck protection  Concrete Cast-in-Place  Monolithic Concrete (					(concurrently placed with structural deck) [1]								
Type of membrane/wearing surface													
Weight Li	imits												
J.	Bypass, detour length  4.7 km = 2.9 mi  Method to determine inventory rating  Method to determine operating rating			Ü	` '				ventory rating perating rating	40.8 metric ton = 7			
Bridge posting Equal to or above le				ibove le	gal loads [5]			De	Design Load MS 18 / HS 20 [5]				

Functional Details									
Average Daily Traffic 97000 Average daily tr	ruck traffi 8 % Year 2000 Future average daily traffic 175890 Year 2029								
Road classification	rban) [11] Lanes on structure 4 Approach roadway width 27.4 m = 89.9 ft								
Type of service on bridge Highway-pedestrian [5]	Direction of traffic 1 - way traffic [1]  Bridge median								
Parallel structure designation The right structure	of parallel bridges carrying the roadway in the direction of the inventory. [R]								
Type of service under bridge Highway-waterway-railroad [ Lanes under structure 4 Navigation control Navigation control on waterway (bridge permit requ									
Navigation vertical clearanc 41.1 m = 134.8 ft	Navigation horizontal clearance 134.1 m = 440.0 ft								
Minimum navigation vertical clearance, vertical lift bridge  Minimum vertical clearance over bridge roadway  5.18 m = 17.0 ft									
Minimum lateral underclearance reference feature Highway beneath structure [H]									
Minimum lateral underclearance on right 0 = N/A Minimum lateral underclearance on left 0 = N/A									
Minimum Vertical Underclearance 7.62 m = 25.0 ft  Minimum vertical underclearance reference feature Railroad beneath structure [R]									
Appraisal ratings - underclearances Basically intolerable requiring high priority of corrrective action [3]									
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 44744000 Roadway improvement cost 8948000								
ropidosmento. [00]	Length of structure improvement 1894.3 m = 6215.2 ft Total project cost 75169000								
	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 Open, no res	triction [A]	Appraisal ratings - structural	Equal to present minimum criteria [6]							
Condition ratings - superstructur	Satisfactory [6]	Appraisal ratings - roadway alignment								
Condition ratings - substructure	Good [7]	Appraisal ratings -	Meets minimu							
Condition ratings - deck	Good [7]	deck geometry								
Scour	Bridge foundations	Bridge foundations determined to be stable for assessed or calculated scour condition. [5]								
Channel and channel protection		Banks are protected or well vegetated. River control devices such as spur dikes and embankment protection are not required or are in a stable condition. [8]								
Appraisal ratings - water adequace	y Superior to preser	nt desirable criteria [9]	Sta	atus evaluation	Functionally obsolete [2]					
Pier or abutment protection	In place and funct	oning [2]	Su	fficiency rating	74					
Culverts Not applicable. Used	f structure is not a culver	. [N]	,							
Traffic safety features - railings	Ir	pected feature meets currently acce	ature meets currently acceptable standards. [1]							
Traffic safety features - transition	s Ir	pected feature meets currently acce	ed feature meets currently acceptable standards. [1]							
Traffic safety features - approach	guardrail Ir	pected feature meets currently acce	cted feature meets currently acceptable standards. [1]							
Traffic safety features - approach	guardrail ends	pected feature meets currently acce	eature meets currently acceptable standards. [1]							
Inspection date December 2009 [1209] Designated inspection frequency 24 Months										
Underwater inspection	Unknown [Y60]	Underwater inspe	ction date	July 2010 [0710	]					
Fracture critical inspection	Every two years [Y24]	Fracture critical in	spection date	January 2011 [0111]						
Other special inspection	Not needed [N]	Other special insp	pection date							