

The National Bridge Inventory contains data submitted by state transportation departments to the Federal Highway Administration in coded format.
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Basic Information

California [06]	Sacramento County [067]	Unknown [00000]	CONCTS FRPRT BL S RIV RD	38-27-21 = 38.455833	121-30-03 = - 121.500833
24C0001	Highway agency district 3	Owner County Highway Agency [02]	Maintenance responsibility	County Highway Agency [02]	
Route #Num!		FREEPORT	Toll On free road [3]	Features intersected SACRAMENTO RIVER	
Design - main	Steel [3]	Design - approach	Steel [3]	Kilometerpoint	0 km = 0.0 mi
1	Movable - Bascule [16]	5	Truss - Thru [10]	Year built	1929
				Year reconstructed	1955
				Skew angle	0
				Structure Flared	
				Historical significance	Bridge is eligible for the NRHP. [2]
Total length	198.9 m = 652.6 ft	Length of maximum span	68.9 m = 226.1 ft	Deck width, out-to-out	6.8 m = 22.3 ft
				Bridge roadway width, curb-to-curb	6.4 m = 21.0 ft
Inventory Route, Total Horizontal Clearance	6.4 m = 21.0 ft	Curb or sidewalk width - left	0.2 m = 0.7 ft	Curb or sidewalk width - right	0.2 m = 0.7 ft
Deck structure type	Open Grating [3]				
Type of wearing surface					
Deck protection					
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length	Method to determine inventory rating	Allowable Stress(AS) [2]	Inventory rating	15.3 metric ton = 16.8 tons
3.4 km = 2.1 mi	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	24.2 metric ton = 26.6 tons
	Bridge posting	Equal to or above legal loads [5]	Design Load	M 18 / H 20 [4]

Functional Details

Average Daily Traffic	3112	Average daily truck traffi	10	%	Year	2009	Future average daily traffic	4950	Year	2034
Road classification	Minor Arterial (Rural) [06]		Lanes on structure	2		Approach roadway width	15.2 m = 49.9 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 control on waterway (bridge permit required). [1]			
Navigation vertical clearanc	0.9 m = 3.0 ft			Navigation horizontal clearance	61 m = 200.1 ft					
Minimum navigation vertical clearance, vertical lift bridge				Minimum vertical clearance over bridge roadway	4.11 m = 13.5 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	3109000	Roadway improvement cost	621000		
	Length of structure improvement	198.9 m = 652.6 ft		Total project cost	5224000	
	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	Posted for other load-capacity restriction [R]	Appraisal ratings - structural	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - superstructure	Good [7]	Appraisal ratings - roadway alignment	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - substructure	Good [7]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Poor [4]		
Scour	Bridge with "unknown" foundation that has not been evaluated for scour. [U]		
Channel and channel protection	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	Equal to present desirable criteria [8]	Status evaluation	Structurally deficient [1]
Pier or abutment protection	In place and functioning [2]	Sufficiency rating	36.6
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 2012 [0412]	Designated inspection frequency	24 Months
Underwater inspection	Unknown [Y60]	Underwater inspection date	July 2009 [0709]
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	November 2010 [1110]
Other special inspection	Not needed [N]	Other special inspection date	