

HistoricBridges.org - National Bridge Inventory Data Sheet

2012 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

California [06]	Yolo County [113]	West Sacramento [8481]	03-YOL-275-13.07-WSAC	38-34-49 = 38.580278	121-30-29 = - 121.508056
22 0021	Highway agency district 3	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 275		WEST CAPITOL AVE	Toll On free road [3]	Features intersected SACRAMENTO RIVER	
Design - main	Steel [3]	Design - approach	Steel [3]	Kilometerpoint	1307 km = 810.3 mi
1	Movable - Lift [15]	7	Stringer/Multi-beam or girder [02]	Year built	1934
				Year reconstructed	N/A [0000]
				Skew angle	0
				Structure Flared	
				Historical significance	Bridge is on the NRHP. [1]
Total length	224.9 m = 737.9 ft	Length of maximum span	63.7 m = 209.0 ft	Deck width, out-to-out	20.9 m = 68.6 ft
				Bridge roadway width, curb-to-curb	15.8 m = 51.8 ft
Inventory Route, Total Horizontal Clearance	16.2 m = 53.2 ft	Curb or sidewalk width - left	1.2 m = 3.9 ft	Curb or sidewalk width - right	1.2 m = 3.9 ft
Deck structure type	Concrete Cast-in-Place [1]				
Type of wearing surface	Other [9]				
Deck protection					
Type of membrane/wearing surface	Other [9]				

Weight Limits

Bypass, detour length	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	29 metric ton = 31.9 tons
1 km = 0.6 mi	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	43.5 metric ton = 47.9 tons
	Bridge posting	Equal to or above legal loads [5]	Design Load	MS 13.5 / HS 15 [3]

Functional Details

Average Daily Traffic	30000	Average daily truck traffi	4	%	Year	2010	Future average daily traffic	35000	Year	2029
Road classification	Principal Arterial - Other Freeways or Exp		Lanes on structure	4		Approach roadway width	22.6 m = 74.2 ft			
Type of service on bridge	Highway-pedestrian [5]		Direction of traffic	2 - way traffic [2]		Bridge median	Closed median (no barriers) [2]			
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	30.5 m = 100.1 ft		Navigation horizontal clearance	52.4 m = 171.9 ft						
Minimum navigation vertical clearance, vertical lift bridge	37.5 m = 123.0 ft				Minimum vertical clearance over bridge roadway	4.26 m = 14.0 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	4710000	Roadway improvement cost	942000
	Length of structure improvement	224.9 m = 737.9 ft	Total project cost	7912000
	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 restriction [A]	Appraisal ratings - structural	Equal to present minimum criteria [6]
Condition ratings - superstructure	Satisfactory [6]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of corrective action [3]
Condition ratings - deck	Satisfactory [6]		
Scour	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 adequacy	Equal to present desirable criteria [8]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection	In place and functioning [2]	Sufficiency rating	56
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	July 2011 [0711]	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	January 2012 [0112]
Other special inspection	Not needed [N]	Other special inspection date	