

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] IN WALNUT GROVE 38-14-31 = 38.241944 121-30-53 = - 121.514722
 24C0005 Highway agency district 3 Owner County Highway Agency [02] Maintenance responsibility County Highway Agency [02]

Route #Num! WALNUT GROVE XING 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] 6 Stringer/Multi-beam or girder [02] Year built 1952 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 68.9 m = 226.1 ft Deck width, out-to-out 8.2 m = 26.9 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 1.8 m = 5.9 ft Curb or sidewalk width - right 1.8 m = 5.9 ft

Deck structure type Open Grating [3]
 Type of wearing surface
 Deck protection
 Type of membrane/wearing surface

Weight Limits

Bypass, detour length 2.4 km = 1.5 mi Method to determine inventory rating Load Factor(LF) [1] Inventory rating 15.4 metric ton = 16.9 tons
 Method to determine operating rating Load Factor(LF) [1] Operating rating 20.8 metric ton = 22.9 tons
 Bridge posting Equal to or above legal loads [5] Design Load M 13.5 / H 15 [2]

Functional Details

Average Daily Traffic	6626	Average daily truck traffi	10	%	Year	2009	Future average daily traffic	16449	Year	2029
Road classification	Other Principal Arterial (Urban) [14]		Lanes on structure	2		Approach roadway width	27.4 m = 89.9 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	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	4.5 m = 14.8 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	1577000	Roadway improvement cost	315000		
	Length of structure improvement	92 m = 301.9 ft		Total project cost	2650000	
	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	Basically intolerable requiring high priority of replacement [2]
Condition ratings - superstructure	Satisfactory [6]	Appraisal ratings - roadway alignment	Basically intolerable requiring high priority of replacement [2]
Condition ratings - substructure	Good [7]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Good [7]		
Scour	Bridge with "unknown" foundation that has not been evaluated for scour. [U]		
Channel and channel protection	Bank protection is in need of minor repairs. River control devices and embankment protection have a little minor damage. Banks and/or channel have minor amounts of drift. [7]		
Appraisal ratings - water adequacy	Superior to present desirable criteria [9]	Status evaluation	Structurally deficient [1]
Pier or abutment protection	In place and functioning [2]	Sufficiency rating	35.2
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 2011 [0411]	Designated inspection frequency	24 Months
Underwater inspection	Unknown [Y60]	Underwater inspection date	October 2009 [1009]
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	November 2010 [1110]
Other special inspection	Not needed [N]	Other special inspection date	