HistoricBridges.org - National Bridge Inventory Data Sheet

2012 Inventory

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 Information

California [06]	Marin County [041]	Larkspur [40438]	0.1 MI E INTX MAGNLA AVE	37-55-48 = 37.930000	122-31-55 = -122.531944

27C0150	Highway agency district: 4	Owner: City or Municipal Highway Agency [04]	Maintenance responsibility: City or Municipal Highway Agency [04]		

Route: 0		ALEXANDER AVE	Toll: On free road [3]	Features intersected: ABANDONED NWP RR ROW

Design - main	Concrete [1]	Design - approach	Concrete continuous [2]	Kilometerpoint	0 km = 0.0 mi
1	Arch - Thru [12]	6	Slab [01]	Year built: 1925	Year reconstructed: N/A [0000]
				Skew angle: 0	Structure Flared:
				Historical significance	Bridge is on the NRHP. [1]

Total length	50 m = 164.1 ft	Length of maximum span	11.6 m = 38.1 ft	Deck width, out-to-out	8.8 m = 28.9 ft	Bridge roadway width, curb-to-curb	6.2 m = 20.3 ft
Inventory Route, Total Horizontal Clearance	6.2 m = 20.3 ft	Curb or sidewalk width - left	0 m = 0.0 ft	Curb or sidewalk width - right	1.7 m = 5.6 ft		

Deck structure type	Concrete Cast-in-Place [1]
Type of wearing surface	Monolithic Concrete (concurrently placed with structural deck) [1]
Deck protection	
Type of membrane/wearing surface	

Weight Limits

Bypass, detour length	Method to determine inventory rating		Inventory rating	6.2 metric ton = 6.8 tons	
0.2 km = 0.1 mi	Method to determine operating rating		Operating rating	10 metric ton = 11.0 tons	
	Bridge posting		Design Load		

Functional Details

Average Daily Traffic	1570	Average daily truck traffi	2 %	Year	2009	Future average daily traffic	3140
Year	2029						
Road classification	Local (Urban) [19]	Lanes on structure	2	Approach roadway width	6.7 m = 22.0 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	Railroad [2]	Lanes under structure	0	Navigation control	Not applicable, no waterway. [N]		
Navigation vertical clearanc	0 = N/A	Navigation horizontal clearance	0 = N/A				
Minimum navigation vertical clearance, vertical lift bridge		Minimum vertical clearance over bridge roadway	99.99 m = 328.1 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

Replacement of bridge or other structure because of substandard load carrying capacity or substantial bridge roadway geometry. [31]

Work done by	Work to be done by contract [1]		
Bridge improvement cost	1009000	Roadway improvement cost	201000
Length of structure improvement	50 m = 164.1 ft	Total project cost	1696000
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 load [P]	Appraisal ratings - structural	Basically intolerable requiring high priority of replacement [2]
Condition ratings - superstructur	Satisfactory [6]	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 not over waterway. [N]		
Channel and channel protection	Not applicable. [N]		
Appraisal ratings - water adequacy	N/A [N]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	27.4
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	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Not needed [N]	Fracture critical inspection date	
Other special inspection	Not needed [N]	Other special inspection date	