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]	Placer County [061]	Roseville [62938]	ROSEVILLE ST & LINCOLN ST	38-45-14 = 38.753889	121-17-05 = -121.284722

19C0067	Highway agency district	3	Owner	City or Municipal Highway Agency [04]	Maintenance responsibility	City or Municipal Highway Agency [04]	
Route	0		SIERRA BLVD	Toll	On free road [3]	Features intersected	UP RR & AMTRAK

Design - main	Concrete [1]	Design - approach	Concrete [1]	Kilometerpoint	0 km = 0.0 mi		
1	Arch - Thru [12]	13	Slab [01]	Year built	1929	Year reconstructed	N/A [0000]
				Skew angle	99	Structure Flared	
				Historical significance	Bridge is eligible for the NRHP. [2]		

Total length	110.9 m = 363.9 ft	Length of maximum span	26.5 m = 86.9 ft	Deck width, out-to-out	9.2 m = 30.2 ft	Bridge roadway width, curb-to-curb	6.6 m = 21.7 ft
Inventory Route, Total Horizontal Clearance	6.6 m = 21.7 ft	Curb or sidewalk width - left	0 m = 0.0 ft	Curb or sidewalk width - right	1.8 m = 5.9 ft		

Deck structure type	Concrete Cast-in-Place [1]
Type of wearing surface	
Deck protection	
Type of membrane/wearing surface	

Weight Limits

Bypass, detour length	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	20.7 metric ton = 22.8 tons	
0.6 km = 0.4 mi	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	34.3 metric ton = 37.7 tons	
	Bridge posting	Equal to or above legal loads [5]	Design Load		

Functional Details

Average Daily Traffic	2960	Average daily truck traffi	2 %	Year	1975	Future average daily traffic	10923
Year	2029						
Road classification	Collector (Urban) [17]	Lanes on structure	2	Approach roadway width	22.9 m = 75.1 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	Railroad beneath structure [R]						
Minimum lateral underclearance on right	1.5 m = 4.9 ft	Minimum lateral underclearance on left	0 = N/A				
Minimum Vertical Underclearance	6.81 m = 22.3 ft	Minimum vertical underclearance reference feature	Railroad beneath structure [R]				
Appraisal ratings - underclearances	Basically intolerable requiring high priority of replacement [2]						

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	2346000	Roadway improvement cost	469000
Length of structure improvement	110.9 m = 363.9 ft	Total project cost	3941000
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	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - superstructur	Good [7]	Appraisal ratings - roadway alignment	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Satisfactory [6]		
Scour	Bridge not over waterway. [N]		
Channel and channel protection	Not applicable. [N]		
Appraisal ratings - water adequacy	N/A [N]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection		Sufficiency rating	51.4
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	April 2011 [0411]	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	