

# HistoricBridges.org - National Bridge Inventory Data Sheet

2019 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]	Mariposa County [043]	Unknown [00000]	8 mi N of Mariposa CA	37-36-15.84 = 37.604400	119-58-34.30 = -119.976194
000000000L59879	Highway agency district: 0	Owner Bureau of Land Management [68]	Maintenance responsibility Bureau of Land Management [68]		
Route 18058		Merced Rvr RR Grd	Toll On free road [3]	Features intersected Merced River	
Design - main 1	Steel [3] Suspension [13]	Design - approach 0	Other [00]	Kilometerpoint 16.1 km = 10.0 mi	
				Year built 1936	Year reconstructed 1999
				Skew angle 0	Structure Flared
				Historical significance	Bridge is not eligible for the NRHP. [5]
Total length	49.7 m = 163.1 ft	Length of maximum span	48.8 m = 160.1 ft	Deck width, out-to-out	3.9 m = 12.8 ft
Inventory Route, Total Horizontal Clearance	3.2 m = 10.5 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	Wood or Timber [8]				
Type of wearing surface	Wood or Timber [7]				
Deck protection					
Type of membrane/wearing surface					

## Weight Limits

Bypass, detour length	Method to determine inventory rating	Load and Resistance Factor(LRFR) [3]	Inventory rating	13.5 metric ton = 14.9 tons
19.9 km = 12.3 mi	Method to determine operating rating	Load and Resistance Factor(LRFR) [3]	Operating rating	13.5 metric ton = 14.9 tons
	Bridge posting		Design Load	M 13.5 / H 15 [2]

### Functional Details

Average Daily Traffic	100	Average daily truck traffi		%	Year	2013	Future average daily traffic	200	Year	2033
Road classification	Local (Rural) [09]			Lanes on structure	1		Approach roadway width	4.6 m = 15.1 ft		
Type of service on bridge	Highway [1]			Direction of traffic	One lane bridge for 2 - way traffic [3]		Bridge median			
Parallel structure designation	No parallel structure exists. [N]									
Type of service under bridge	Waterway [5]		Lanes under structure	0		Navigation control				
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	4.33 m = 14.2 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	19000	Roadway improvement cost	0
	Length of structure improvement	49.7 m = 163.1 ft	Total project cost	19000
	Year of improvement cost estimate	2016		
	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	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - superstructure	Satisfactory [6]	Appraisal ratings - roadway alignment	Basically intolerable requiring high priority of corrective action [3]
Condition ratings - substructure	Good [7]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Satisfactory [6]		
Scour	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]		
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	Better than present minimum criteria [7]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection		Sufficiency rating	45.9
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings			
Traffic safety features - transitions	Not applicable or a safety feature is not required. [N]		
Traffic safety features - approach guardrail	Not applicable or a safety feature is not required. [N]		
Traffic safety features - approach guardrail ends	Not applicable or a safety feature is not required. [N]		
Inspection date	September 2018 [0918]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	September 2018 [0918]
Other special inspection	Not needed [N]	Other special inspection date	