HistoricBridges.org - National Bridge Inventory Data Sheet

2017 Inventor

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

Oregon [41]	Douglas County [019]	Unknown [00000]	03.4 N ROSEBURG NCL	43-16-59.45 = 43.283181	123-21-19.37 = -123.355381

00839 234 01221	Highway agency district 7	Owner: County Highway Agency [02]	Maintenance responsibility: County Highway Agency [02]		
Route: 99		OR 99 (HWY 234)	Toll: On free road [3]	Features intersected: NORTH UMPQUA RIVER	
Design - main: Concrete continuous [2]		Design - approach: Concrete continuous [2]		Kilometerpoint: 1965 km = 1218.3 mi	
7	Arch - Deck [11]	6	Slab [01]	Year built: 1923	Year reconstructed: N/A [0000]
				Skew angle: 0	Structure Flared: Yes, flared [1]
				Historical significance: Bridge is eligible for the NRHP. [2]	

Total length: 274.8 m = 901.6 ft	Length of maximum span: 34.1 m = 111.9 ft	Deck width, out-to-out: 9.9 m = 32.5 ft	Bridge roadway width, curb-to-curb: 7.3 m = 24.0 ft				
Inventory Route, Total Horizontal Clearanc: 7.3 m = 24.0 ft	Curb or sidewalk width - left: 0.9 m = 3.0 ft	Curb or sidewalk width - right: 0.9 m = 3.0 ft					
Deck structure type: Concrete Cast-in-Place [1]							
Type of wearing surface: Latex Concrete or similar additive [3]							
Deck protection:							
Type of membrane/wearing surface:							

Weight Limits

Bypass, detour length: 1.3 km = 0.8 mi	Method to determine inventory rating: Load Factor(LF) [1]		Inventory rating: 22.7 metric ton = 25.0 tons		
	Method to determine operating rating: Load Factor(LF) [1]		Operating rating: 37.2 metric ton = 40.9 tons		
	Bridge posting: Equal to or above legal loads [5]		Design Load: M 13.5 / H 15 [2]		

Functional Details

Average Daily Traffic	6474	Average daily truck traffi	6 %	Year	2010	Future average daily traffic	10173
Year	2030						
Road classification	Minor Arterial (Rural) [06]	Lanes on structure	2	Approach roadway width	7.3 m = 24.0 ft		
Type of service on bridge	Highway [1]	Direction of traffic	2 - way traffic [2]	Bridge median			
Parallel structure designatio	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	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

Widening of existing bridge or other major structure without deck rehabilitation or replacement [33]

Work done by	Work to be done by contract [1]		
Bridge improvement cost	2887000	Roadway improvement cost	289000
Length of structure improvement	275 m = 902.3 ft	Total project cost	4620000
Year of improvement cost estimate	2011		
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	Satisfactory [6]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Fair [5]	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 assessed or calculated scour condition. [5]
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	Functionally obsolete [2]
Pier or abutment protection	Navigation protection not required [1]	Sufficiency rating	50.8

Culverts	Not applicable. Used if structure is not a culvert. [N]

Traffic safety features - railings	Inpected feature meets currently acceptable standards. [1]
Traffic safety features - transitions	
Traffic safety features - approach guardrail	
Traffic safety features - approach guardrail ends	

Inspection date	October 2015 [1015]	Designated inspection frequency	24	Months

Underwater inspection	Every two years [Y24]	Underwater inspection date	July 2016 [0716]
Fracture critical inspection	Unknown [N00]	Fracture critical inspection date	
Other special inspection	Not needed [N]	Other special inspection date	