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]	Lane County [039]	Springfield [69600]	SPRINGFIELD W C LMTS	44-02-43.49 = 44.045414	123-01-39.83 = -123.027731

01223 015 00133	Highway agency district	5	Owner	State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route	126		OR 126 (HWY 015)WB	Toll	On free road [3]	Features intersected	WILLAMETTE RIVER

Design - main	Steel continuous [4]	Design - approach	Concrete continuous [2]	Kilometerpoint	214 km = 132.7 mi		
3	Truss - Thru [10]	11	Stringer/Multi-beam or girder [02]	Year built	1929	Year reconstructed	N/A [0000]
				Skew angle	0	Structure Flared	
				Historical significance	Bridge is eligible for the NRHP. [2]		

Total length	333.8 m = 1095.2 ft	Length of maximum span	60.4 m = 198.2 ft	Deck width, out-to-out	13 m = 42.7 ft	Bridge roadway width, curb-to-curb	8.2 m = 26.9 ft
Inventory Route, Total Horizontal Clearanc	8.2 m = 26.9 ft	Curb or sidewalk width - left	1.4 m = 4.6 ft	Curb or sidewalk width - right	1.4 m = 4.6 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	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	17.2 metric ton = 18.9 tons	
0.6 km = 0.4 mi	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	28.1 metric ton = 30.9 tons	
	Bridge posting	Equal to or above legal loads [5]	Design Load	M 13.5 / H 15 [2]	

Functional Details

Average Daily Traffic	10100	Average daily truck traffi	2 %	Year	2014	Future average daily traffic	13300
Year	2033						
Road classification	Other Principal Arterial (Urban) [14]	Lanes on structure	2	Approach roadway width	9.1 m = 29.9 ft		
Type of service on bridge	Highway [1]	Direction of traffic	1 - way traffic [1]	Bridge median			
Parallel structure designatio	The left structure of parallel bridges. This structure carries traffic in the opposite direction. [L]						
Type of service under bridge	Highway-waterway [6]	Lanes under structure	2	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	5.18 m = 17.0 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	3506000	Roadway improvement cost	351000
Length of structure improvement	334 m = 1095.9 ft	Total project cost	5610000
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	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - superstructur	Fair [5]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of corrrective action [3]
Condition ratings - deck	Fair [5]		

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	Equal to present desirable criteria [8]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection	Navigation protection not required [1]	Sufficiency rating	41.6

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 2016 [0416]	Designated inspection frequency	24 Months
Underwater inspection	Unknown [Y60]	Underwater inspection date	June 2015 [0615]
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	April 2016 [0416]
Other special inspection	Not needed [N]	Other special inspection date	