

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

Oregon [41]	Douglas County [019]	Winston [83400]	02.7 MI W HWY 001 JCT	43-08-01.25 = 43.133681	123-23-56.47 = -123.399019
01923 035 07447	Highway agency district 7	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 42	OR 42 (HWY 035) EB	Toll On free road [3]	Features intersected EB S UMPQUA RV (WINSTON)		
Design - main Steel [3]	Design - approach Concrete continuous [2]	Kilometerpoint 11984.8 km = 7430.6 mi	Year built 1934	Year reconstructed 1976	
3 Arch - Thru [12]	4 Tee beam [04]	Skew angle 0	Structure Flared		
		Historical significance	Bridge is eligible for the NRHP. [2]		
Total length 169.1 m = 554.8 ft	Length of maximum span 55.5 m = 182.1 ft	Deck width, out-to-out 10.2 m = 33.5 ft	Bridge roadway width, curb-to-curb 7.3 m = 24.0 ft		
Inventory Route, Total Horizontal Clearance 7.3 m = 24.0 ft	Curb or sidewalk width - left 0.7 m = 2.3 ft	Curb or sidewalk width - right 0.7 m = 2.3 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 0.2 km = 0.1 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	17200	Average daily truck traffi	23	%	Year	2014	Future average daily traffic	19700	Year	2033
Road classification	Other Principal Arterial (Urban) [14]		Lanes on structure	2		Approach roadway width	7.3 m = 24.0 ft			
Type of service on bridge	Highway-pedestrian [5]		Direction of traffic	1 - way traffic [1]		Bridge median				
Parallel structure designation	The right structure of parallel bridges carrying the roadway in the direction of the inventory. [R]									
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	5.27 m = 17.3 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]								
Widening of existing bridge or other major structure without deck rehabilitation or replacement [33]	Bridge improvement cost	1774000	Roadway improvement cost	177000						
	Length of structure improvement	169 m = 554.5 ft		Total project cost	2838000					
	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	<input type="text" value="Open, no restriction [A]"/>	Appraisal ratings - structural	<input type="text" value="Somewhat better than minimum adequacy to tolerate being left in place as is [5]"/>
Condition ratings - superstructure	<input type="text" value="Fair [5]"/>	Appraisal ratings - roadway alignment	<input type="text" value="Equal to present desirable criteria [8]"/>
Condition ratings - substructure	<input type="text" value="Satisfactory [6]"/>	Appraisal ratings - deck geometry	<input type="text" value="Basically intolerable requiring high priority of replacement [2]"/>
Condition ratings - deck	<input type="text" value="Satisfactory [6]"/>		
Scour	<input type="text" value="Bridge foundations determined to be stable for assessed or calculated scour condition. [5]"/>		
Channel and channel protection	<input type="text" value="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	<input type="text" value="Equal to present desirable criteria [8]"/>	Status evaluation	<input type="text" value="Functionally obsolete [2]"/>
Pier or abutment protection	<input type="text"/>	Sufficiency rating	<input type="text" value="49.1"/>
Culverts	<input type="text" value="Not applicable. Used if structure is not a culvert. [N]"/>		
Traffic safety features - railings	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Traffic safety features - transitions	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Traffic safety features - approach guardrail	<input type="text"/>		
Traffic safety features - approach guardrail ends	<input type="text"/>		
Inspection date	<input type="text" value="April 2016 [0416]"/>	Designated inspection frequency	<input type="text" value="24"/> Months
Underwater inspection	<input type="text" value="Unknown [Y60]"/>	Underwater inspection date	<input type="text" value="July 2014 [0714]"/>
Fracture critical inspection	<input type="text" value="Every two years [Y24]"/>	Fracture critical inspection date	<input type="text" value="April 2016 [0416]"/>
Other special inspection	<input type="text" value="Not needed [N]"/>	Other special inspection date	<input type="text"/>