

The National Bridge Inventory contains data submitted by state transportation departments to the Federal Highway Administration in coded format.  
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**Basic Information**

Oregon [41]	Tillamook County [057]	Unknown [00000]	004 MI S SHORT SANDS BCH	45-45-24.36 = 45.756767	123-57-31.08 = -123.958633				
02311 009 03953	Highway agency district	1	Owner	State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]			
Route	101		US101 (HWY 9)	Toll	On free road [3]	Features intersected	NECARNEY CREEK		
Design - main	Steel continuous [4]	Design - approach		Kilometerpoint	6361.7 km = 3944.3 mi				
13	Stringer/Multi-beam or girder [02]	0	Other [00]	Year built	1937	Year reconstructed	N/A [0000]		
				Skew angle	0	Structure Flared			
				Historical significance	Bridge is eligible for the NRHP. [2]				
Total length	183.5 m = 602.1 ft		Length of maximum span	21.3 m = 69.9 ft		Deck width, out-to-out	10.8 m = 35.4 ft	Bridge roadway width, curb-to-curb	7.9 m = 25.9 ft
Inventory Route, Total Horizontal Clearance	7.9 m = 25.9 ft		Curb or sidewalk width - left	1.1 m = 3.6 ft		Curb or sidewalk width - right	1.1 m = 3.6 ft		
Deck structure type	Concrete Cast-in-Place [1]								
Type of wearing surface	Epoxy Overlay [5]								
Deck protection									
Type of membrane/wearing surface									

**Weight Limits**

Bypass, detour length	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	23.6 metric ton = 26.0 tons
1 km = 0.6 mi	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	39 metric ton = 42.9 tons
	Bridge posting	Equal to or above legal loads [5]	Design Load	M 13.5 / H 15 [2]

### Functional Details

Average Daily Traffic	3500	Average daily truck traffi	16	%	Year	2014	Future average daily traffic	3500	Year	2033
Road classification	Principal Arterial - Other (Rural) [02]		Lanes on structure	2		Approach roadway width	7.9 m = 25.9 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	30.48 m = 100.0 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	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	1928000	Roadway improvement cost	193000						
	Length of structure improvement	183 m = 600.4 ft		Total project cost	3084000					
	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	Equal to present minimum criteria [6]
Condition ratings - superstructure	Satisfactory [6]	Appraisal ratings - roadway alignment	Equal to present minimum criteria [6]
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of corrective action [3]
Condition ratings - deck	Satisfactory [6]		
Scour	Bridge is scour critical; bridge foundations determined to be unstable. [3]		
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	65.1
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	October 2016 [1016]	Designated inspection frequency	24 Months
Underwater inspection	Unknown [N00]	Underwater inspection date	
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	February 2016 [0216]
Other special inspection	Not needed [N]	Other special inspection date	