

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**

Washington [53] Douglas County [017] Unknown [00000] 0.1 N JCT SR 173 48-00-06.00 = 48.001667 119-39-22.00 = -119.656111

000000LR0000000 Highway agency district 2 Owner Corps of Engineers (Civil) [70] Maintenance responsibility State Highway Agency [01]

Route 17 SR 17 Toll On free road [3] Features intersected COLUMBIA RIVER

Design - main Steel continuous [4] Design - approach Steel continuous [4] Kilometerpoint 21869.5 km = 13559.1 mi

3 Truss - Deck [09] 4 Stringer/Multi-beam or girder [02] Year built 1950 Year reconstructed N/A [0000]

Skew angle 0 Structure Flared

Historical significance Bridge is on the NRHP. [1]

Total length 350.5 m = 1150.0 ft Length of maximum span 91.4 m = 299.9 ft Deck width, out-to-out 10.2 m = 33.5 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 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 Bituminous [6]

Deck protection

Type of membrane/wearing surface

**Weight Limits**

Bypass, detour length 5.6 km = 3.5 mi Method to determine inventory rating Load Factor(LF) [1] Inventory rating 27.9 metric ton = 30.7 tons

Method to determine operating rating Load Factor(LF) [1] Operating rating 45.9 metric ton = 50.5 tons

Bridge posting Equal to or above legal loads [5] Design Load MS 18 / HS 20 [5]

### Functional Details

Average Daily Traffic	2164	Average daily truck traffi	18	%	Year	2010	Future average daily traffic	3030	Year	2030
Road classification	Minor Arterial (Rural) [06]		Lanes on structure	2		Approach roadway width	12.2 m = 40.0 ft			
Type of service on bridge	Highway-pedestrian [5]		Direction of traffic	2 - way traffic [2]		Bridge median				
Parallel structure designation	No parallel structure exists. [N]									
Type of service under bridge	Waterway [5]		Lanes under structure	0		Navigation control	Navigation control on waterway (bridge permit required). [1]			
Navigation vertical clearanc	12.2 m = 40.0 ft			Navigation horizontal clearance	91.4 m = 299.9 ft					
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	Work done by					Work to be done by contract [1]				
Bridge rehabilitation because of general structure deterioration or inadequate strength. [35]	Bridge improvement cost	21120000			Roadway improvement cost	4224000				
	Length of structure improvement	365.8 m = 1200.2 ft			Total project cost	42240000				
	Year of improvement cost estimate	2010								
	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	Good [7]		
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	Equal to present desirable criteria [8]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection	Navigation protection not required [1]	Sufficiency rating	69.1
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - transitions			
Traffic safety features - approach guardrail	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail ends			
Inspection date	August 2013 [0813]	Designated inspection frequency	24 Months
Underwater inspection	Unknown [Y60]	Underwater inspection date	September 2009 [0909]
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	August 2013 [0813]
Other special inspection	Not needed [N]	Other special inspection date	