

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] 21.8 N JCT US 2 47-48-52.23 = 47.814508 119-58-22.68 = -119.972967

0006835A0000000 Highway agency district 2 Owner State Highway Agency [01] Maintenance responsibility State Highway Agency [01]

Route 97 US 97 Toll On free road [3] Features intersected COLUMBIA RIVER

Design - main Steel continuous [4] Design - approach Concrete continuous [2] Kilometerpoint 37774.5 km = 23420.2 mi

3 Arch - Thru [12] 3 Box beam or girders - Multiple [05] Year built 1962 Year reconstructed N/A [0000]

Skew angle 0 Structure Flared

Historical significance Bridge is possibly eligible for the NRHP. [3]

Total length 374 m = 1227.1 ft Length of maximum span 158.5 m = 520.0 ft Deck width, out-to-out 10 m = 32.8 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 0.9 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 Monolithic Concrete (concurrently placed with structural deck) [1]

Deck protection

Type of membrane/wearing surface

Weight Limits

Bypass, detour length 13.4 km = 8.3 mi Method to determine inventory rating Load Factor(LF) [1] Inventory rating 22.5 metric ton = 24.8 tons

Method to determine operating rating Load Factor(LF) [1] Operating rating 37.8 metric ton = 41.6 tons

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

Functional Details

Average Daily Traffic	4987	Average daily truck traffi	22	%	Year	2010	Future average daily traffic	6982	Year	2030
Road classification	Principal Arterial - Other (Rural) [02]		Lanes on structure	2		Approach roadway width	9.8 m = 32.2 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	9.8 m = 32.2 ft			Navigation horizontal clearance	140.2 m = 460.0 ft					
Minimum navigation vertical clearance, vertical lift bridge				Minimum vertical clearance over bridge roadway	4.85 m = 15.9 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	22475000	Roadway improvement cost	4495000		
	Length of structure improvement	389.2 m = 1277.0 ft		Total project cost	44950000	
	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 desirable criteria [8]
Condition ratings - substructure	Good [7]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of corrective action [3]
Condition ratings - deck	Fair [5]		
Scour	Bridge is scour critical; bridge foundations determined to be unstable. [3]		
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	45.3
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings			
Traffic safety features - transitions			
Traffic safety features - approach guardrail	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail ends			
Inspection date	September 2011 [0911]	Designated inspection frequency	24 Months
Underwater inspection	Unknown [Y60]	Underwater inspection date	September 2012 [0912]
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	September 2011 [0911]
Other special inspection	Not needed [N]	Other special inspection date	