

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] Stevens County [065] Unknown [00000] 2.5 N JCT SR 25 48-37-32.64 = 48.625733 118-07-02.79 = -118.117442

0002613A0000000 Highway agency district 6 Owner State Highway Agency [01] Maintenance responsibility State Highway Agency [01]

Route 395 US 395 Toll On free road [3] Features intersected COLUMBIA R KETTLE FALLS

Design - main Steel continuous [4] Design - approach Concrete continuous [2] Kilometerpoint 38855.7 km = 24090.5 mi

3 Truss - Thru [10] 5 Tee beam [04] Year built 1941 Year reconstructed N/A [0000]

Skew angle 0 Structure Flared

Historical significance Bridge is on the NRHP. [1]

Total length 386.2 m = 1267.1 ft Length of maximum span 182.9 m = 600.1 ft Deck width, out-to-out 8.1 m = 26.6 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 1.1 m = 3.6 ft Curb or sidewalk width - right 0 m = 0.0 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 8.4 km = 5.2 mi Method to determine inventory rating Load Factor(LF) [1] Inventory rating 16.2 metric ton = 17.8 tons

Method to determine operating rating Load Factor(LF) [1] Operating rating 27 metric ton = 29.7 tons

Bridge posting Equal to or above legal loads [5] Design Load M 13.5 / H 15 [2]

Functional Details

Average Daily Traffic	4040	Average daily truck traffi	19	%	Year	2010	Future average daily traffic	5656	Year	2030
Road classification	Principal Arterial - Other (Rural) [02]		Lanes on structure	2		Approach roadway width	10.4 m = 34.1 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	18 m = 59.1 ft			Navigation horizontal clearance	91.4 m = 299.9 ft					
Minimum navigation vertical clearance, vertical lift bridge				Minimum vertical clearance over bridge roadway	4.52 m = 14.8 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	23179000			Roadway improvement cost	4636000				
	Length of structure improvement	401.4 m = 1317.0 ft			Total project cost	46358000				
	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	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - superstructure	Satisfactory [6]	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 replacement [2]
Condition ratings - deck	Serious [3]		
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	Structurally deficient [1]
Pier or abutment protection	Navigation protection not required [1]	Sufficiency rating	37.8
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	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail ends	Inspected feature meets currently acceptable standards. [1]		
Inspection date	April 2012 [0412]	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	April 2012 [0412]
Other special inspection	Not needed [N]	Other special inspection date	