

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]	Multnomah County [051]	Portland [59000]	WILLAMETTE RIVER MP 13.2	45-30-47.56 = 45.513211	122-40-15.42 = -122.670950
02757 000000000	Highway agency district #Num!	Owner County Highway Agency [02]	Maintenance responsibility	County Highway Agency [02]	
Route 9366	HAWTHORNE AVE	Toll On free road [3]	Features intersected	WILLAMETTE RIVER	
Design - main Steel [3]	Design - approach Steel [3]	Kilometerpoint 0 km = 0.0 mi	Year built 1910	Year reconstructed 1997	
1 Movable - Lift [15]	5 Truss - Thru [10]	Skew angle 0	Structure Flared		
		Historical significance	Bridge is eligible for the NRHP. [2]		
Total length 421.5 m = 1382.9 ft	Length of maximum span 76.5 m = 251.0 ft	Deck width, out-to-out 22.3 m = 73.2 ft	Bridge roadway width, curb-to-curb 13.3 m = 43.6 ft		
Inventory Route, Total Horizontal Clearanc	5.9 m = 19.4 ft	Curb or sidewalk width - left 3.2 m = 10.5 ft	Curb or sidewalk width - right 3.2 m = 10.5 ft		
Deck structure type	Open Grating [3]				
Type of wearing surface	Other [9]				
Deck protection					
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length 0.3 km = 0.2 mi	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	31.8 metric ton = 35.0 tons
	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	52.6 metric ton = 57.9 tons
Bridge posting	Equal to or above legal loads [5]	Design Load	Railroad [8]	

Functional Details

Average Daily Traffic	25610	Average daily truck traffi	10	%	Year	2010	Future average daily traffic	26225	Year	2030
Road classification	Minor Arterial (Urban) [16]		Lanes on structure	4		Approach roadway width	13.4 m = 44.0 ft			
Type of service on bridge	Highway-pedestrian [5]		Direction of traffic	2 - way traffic [2]		Bridge median	Closed median with non-mountable bar			
Parallel structure designatio	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	33.5 m = 109.9 ft			Navigation horizontal clearance	73.2 m = 240.2 ft					
Minimum navigation vertical clearance, vertical lift bridge	16.2 m = 53.2 ft				Minimum vertical clearance over bridge roadway	4.78 m = 15.7 ft				
Minimum lateral underclearance reference feature	Highway beneath structure [H]									
Minimum lateral underclearance on right	5.9 m = 19.4 ft				Minimum lateral underclearance on left	0 = N/A				
Minimum Vertical Underclearance	4.44 m = 14.6 ft			Minimum vertical underclearance reference feature	Highway beneath structure [H]					
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	4429000	Roadway improvement cost	443000						
	Length of structure improvement	422 m = 1384.6 ft		Total project cost	7086000					
	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	Posted for load [P]	Appraisal ratings - structural	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - superstructure	Fair [5]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Fair [5]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
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	56.3
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings			
Traffic safety features - transitions			
Traffic safety features - approach guardrail			
Traffic safety features - approach guardrail ends			
Inspection date	June 2015 [0615]	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	June 2015 [0615]
Other special inspection	Not needed [N]	Other special inspection date	