

The National Bridge Inventory contains data submitted by state transportation departments to the Federal Highway Administration in coded format.
 Form Interface Design: www.historicbridges.org. Data Conversion Assistance By www.bridgehunter.com. None of the involved parties make any guarantee of accuracy.

Basic Information

Oregon [41]	Multnomah County [051]	Portland [59000]	WILLAMETTE RIVER MP 12.8	45-31-03.83 = 45.517731	122-40-09.44 = -122.669289
02758 000000000	Highway agency district	#Num!	Owner	County Highway Agency [02]	Maintenance responsibility
Route	9350	MORRISON ST	Toll	On free road [3]	Features intersected
					WILLAMETTE RIVER
Design - main	Steel [3]	Design - approach	Steel [3]	Kilometerpoint	0 km = 0.0 mi
1	Movable - Bascule [16]	2	Truss - Deck [09]	Year built	1958
				Year reconstructed	N/A [0000]
				Skew angle	0
				Structure Flared	
				Historical significance	Bridge is possibly eligible for the NRHP. [3]
Total length	231.6 m = 759.9 ft	Length of maximum span	86.9 m = 285.1 ft	Deck width, out-to-out	27.4 m = 89.9 ft
				Bridge roadway width, curb-to-curb	20.9 m = 68.6 ft
Inventory Route, Total Horizontal Clearanc	20.9 m = 68.6 ft	Curb or sidewalk width - left	1.5 m = 4.9 ft	Curb or sidewalk width - right	4.4 m = 14.4 ft
Deck structure type	Other [9]				
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	28.1 metric ton = 30.9 tons
0.1 km = 0.1 mi	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	47.2 metric ton = 51.9 tons
	Bridge posting	Equal to or above legal loads [5]	Design Load	MS 18 / HS 20 [5]

Functional Details

Average Daily Traffic	<input type="text" value="53835"/>	Average daily truck traffi	<input type="text" value="10"/>	%	Year	<input type="text" value="2010"/>	Future average daily traffic	<input type="text" value="72670"/>	Year	<input type="text" value="2030"/>
Road classification	<input type="text" value="Minor Arterial (Urban) [16]"/>		Lanes on structure	<input type="text" value="6"/>		Approach roadway width	<input type="text" value="20.9 m = 68.6 ft"/>			
Type of service on bridge	<input type="text" value="Highway-pedestrian [5]"/>		Direction of traffic	<input type="text" value="2 - way traffic [2]"/>		Bridge median	<input type="text"/>			
Parallel structure designatio	<input type="text" value="No parallel structure exists. [N]"/>									
Type of service under bridge	<input type="text" value="Waterway [5]"/>		Lanes under structure	<input type="text" value="0"/>		Navigation control	<input type="text" value="Navigation control on waterway (bridge permit required). [1]"/>			
Navigation vertical clearanc	<input type="text" value="21 m = 68.9 ft"/>			Navigation horizontal clearance	<input type="text" value="57.9 m = 190.0 ft"/>					
Minimum navigation vertical clearance, vertical lift bridge	<input type="text"/>			Minimum vertical clearance over bridge roadway	<input type="text" value="5.05 m = 16.6 ft"/>					
Minimum lateral underclearance reference feature	<input type="text" value="Feature not a highway or railroad [N]"/>									
Minimum lateral underclearance on right	<input type="text" value="0 = N/A"/>				Minimum lateral underclearance on left	<input type="text" value="0 = N/A"/>				
Minimum Vertical Underclearance	<input type="text" value="0 = N/A"/>			Minimum vertical underclearance reference feature	<input type="text" value="Feature not a highway or railroad [N]"/>					
Appraisal ratings - underclearances	<input type="text" value="N/A [N]"/>									

Repair and Replacement Plans

Type of work to be performed	<input type="text" value="Work done by"/>				
<input type="text"/>	Bridge improvement cost	<input type="text"/>	Roadway improvement cost	<input type="text"/>	
	Length of structure improvement	<input type="text"/>	Total project cost	<input type="text" value="0"/>	
	Year of improvement cost estimate	<input type="text"/>			
	Border bridge - state	<input type="text"/>	Border bridge - percent responsibility of other state	<input type="text"/>	
	Border bridge - structure number	<input type="text"/>			

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	Fair [5]		
Scour	Bridge is scour critical; bridge foundations determined to be unstable. [3]		
Channel and channel protection	Bank is beginning to slump. River control devices and embankment protection have widespread minor damage. There is minor stream bed movement evident. Debris is restricting the channel slightly. [6]		
Appraisal ratings - water adequacy	Equal to present desirable criteria [8]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection	In place and functioning [2]	Sufficiency rating	53.9
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	March 2015 [0315]	Designated inspection frequency	24 Months
Underwater inspection	Unknown [Y60]	Underwater inspection date	September 2016 [0916]
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	March 2015 [0315]
Other special inspection	Not needed [N]	Other special inspection date	