

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]	Marion County [047]	Salem [64900]	IN SALEM	44-56-43.73 = 44.945481	123-02-34.90 = -123.043028
07253B030 02595	Highway agency district 3	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 22	OR 22 (HWY 30) WB	Toll On free road [3]	Features intersected	WILLAMETTE RIVER	
Design - main	Steel continuous [4]	Design - approach	Concrete continuous [2]	Kilometerpoint	4169.8 km = 2585.3 mi
4	Girder and floorbeam system [03]	31	Tee beam [04]	Year built	1953
				Year reconstructed	1984
				Skew angle	0
				Structure Flared	Yes, flared [1]
				Historical significance	Bridge is not eligible for the NRHP. [5]
Total length	729.4 m = 2393.2 ft	Length of maximum span	76.8 m = 252.0 ft	Deck width, out-to-out	20 m = 65.6 ft
				Bridge roadway width, curb-to-curb	17.1 m = 56.1 ft
Inventory Route, Total Horizontal Clearanc	7.9 m = 25.9 ft	Curb or sidewalk width - left	1.7 m = 5.6 ft	Curb or sidewalk width - right	0 m = 0.0 ft
Deck structure type	Concrete Cast-in-Place [1]				
Type of wearing surface	Bituminous [6]				
Deck protection	Epoxy Coated Reinforcing [1]				
Type of membrane/wearing surface	Preformed Fabric [2]				

Weight Limits

Bypass, detour length	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	14.5 metric ton = 16.0 tons
0.2 km = 0.1 mi	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	24.5 metric ton = 27.0 tons
	Bridge posting	Equal to or above legal loads [5]	Design Load	MS 18 / HS 20 [5]

Functional Details

Average Daily Traffic	43200	Average daily truck traffi	4	%	Year	2014	Future average daily traffic	53800	Year	2033
Road classification	Principal Arterial - Other Freeways or Exp			Lanes on structure	4	Approach roadway width	17.1 m = 56.1 ft			
Type of service on bridge	Highway [1]			Direction of traffic	1 - way traffic [1]		Bridge median			
Parallel structure designatio	The left structure of parallel bridges. This structure carries traffic in the opposite direction. [L]									
Type of service under bridge	Highway-waterway-railroad [Lanes under structure	8	Navigation control	Navigation control on waterway (bridge permit required). [1]			
Navigation vertical clearanc	32.9 m = 107.9 ft			Navigation horizontal clearance	57 m = 187.0 ft					
Minimum navigation vertical clearance, vertical lift bridge				Minimum vertical clearance over bridge roadway	5.49 m = 18.0 ft					
Minimum lateral underclearance reference feature	Railroad beneath structure [R]									
Minimum lateral underclearance on right	3 m = 9.8 ft			Minimum lateral underclearance on left	0 = N/A					
Minimum Vertical Underclearance	5.08 m = 16.7 ft			Minimum vertical underclearance reference feature	Railroad beneath structure [R]					
Appraisal ratings - underclearances	Basically intolerable requiring high priority of replacement [2]									

Repair and Replacement Plans

Type of work to be performed	Work done by	Work to be done by contract [1]								
Replacement of bridge or other structure because of substandard load carrying capacity or substantial bridge roadway geometry. [31]	Bridge improvement cost	17963000	Roadway improvement cost	1796000						
	Length of structure improvement	802 m = 2631.4 ft		Total project cost	28740000					
	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	Open, no restriction [A]	Appraisal ratings - structural	Basically intolerable requiring high priority of replacement [2]
Condition ratings - superstructure	Fair [5]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings - deck geometry	Meets minimum tolerable limits to be left in place as is [4]
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	Equal to present desirable criteria [8]	Status evaluation	Structurally deficient [1]
Pier or abutment protection	None present but re-evaluation suggested [5]	Sufficiency rating	46.8
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	September 2015 [0915]	Designated inspection frequency	24 Months
Underwater inspection	Every two years [Y24]	Underwater inspection date	July 2016 [0716]
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	September 2015 [0915]
Other special inspection	Not needed [N]	Other special inspection date	