

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

Maryland [24]	Washington County [043]	Unknown [00000]	ON VIRGINIA STATE LINE	39-19-16.06 = 39.321128	077-42-36.15 = -77.710042
100000210041010	Highway agency district: 6	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 340	US 340	Toll On free road [3]	Features intersected	POTOMAC RIVER, CSX TRANS	
Design - main 12	Steel continuous [4] Truss - Deck [09]	Design - approach 2	Steel [3] Stringer/Multi-beam or girder [02]	Kilometerpoint 62.8 km = 38.9 mi	Year built 1946 Year reconstructed 1978
				Skew angle 0	Structure Flared
				Historical significance Bridge is possibly eligible for the NRHP. [3]	
Total length	686.1 m = 2251.1 ft	Length of maximum span	57.9 m = 190.0 ft	Deck width, out-to-out	11.2 m = 36.7 ft
Bridge roadway width, curb-to-curb	7.7 m = 25.3 ft	Inventory Route, Total Horizontal Clearance	7.7 m = 25.3 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	Method to determine inventory rating	Allowable Stress(AS) [2]	Inventory rating	14.5 metric ton = 16.0 tons
3.1 km = 1.9 mi	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	32.7 metric ton = 36.0 tons
Bridge posting	Equal to or above legal loads [5]	Design Load	M 18 / H 20 [4]	

Functional Details

Average Daily Traffic	23856	Average daily truck traffi	8	%	Year	2013	Future average daily traffic	29990	Year	2035
Road classification	Principal Arterial - Other (Rural) [02]		Lanes on structure	2	Approach roadway width	12.8 m = 42.0 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	Highway-waterway-railroad [8]		Lanes under structure	2	Navigation control					
Navigation vertical clearanc	0 = N/A		Navigation horizontal clearance	0 = N/A						
Minimum navigation vertical clearance, vertical lift bridge			Minimum vertical clearance over bridge roadway	99.99 m = 328.1 ft						
Minimum lateral underclearance reference feature	Highway beneath structure [H]									
Minimum lateral underclearance on right	4.9 m = 16.1 ft				Minimum lateral underclearance on left	0 = N/A				
Minimum Vertical Underclearance	6.71 m = 22.0 ft		Minimum vertical underclearance reference feature	Highway beneath structure [H]						
Appraisal ratings - underclearances	Superior to present desirable criteria [9]									

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	4970000	Roadway improvement cost	497000						
	Length of structure improvement	686.1 m = 2251.1 ft		Total project cost	5467000					
	Year of improvement cost estimate									
	Border bridge - state	Unknown [513]			Border bridge - percent responsibility of other state					
	Border bridge - structure number	11145								

Inspection and Sufficiency

Structure status	Open, no restriction [A]	Appraisal ratings - structural	Basically intolerable requiring high priority of corrective action [3]
Condition ratings - superstructure	Fair [5]	Appraisal ratings - roadway alignment	Equal to present minimum criteria [6]
Condition ratings - substructure	Good [7]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Satisfactory [6]		
Scour	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]		
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	Functionally obsolete [2]
Pier or abutment protection		Sufficiency rating	27.4
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	November 2017 [1117]	Designated inspection frequency	18 Months
Underwater inspection	Unknown [Y48]	Underwater inspection date	August 2015 [0815]
Fracture critical inspection	Unknown [Y18]	Fracture critical inspection date	November 2017 [1117]
Other special inspection	Not needed [N]	Other special inspection date	