

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]	Cecil County [015]	Unknown [00000]	0.02 MI W OF HORSESHOE RD	39-42-24.54 = 39.706817	076-06-54.46 = -76.115128
200000CE0007010	Highway agency district 2	Owner County Highway Agency [02]	Maintenance responsibility	County Highway Agency [02]	
Route 9	NEW BRIDGE RD	Toll On free road [3]	Features intersected	OCTORARO CREEK	
Design - main 1	Steel [3] Truss - Thru [10]	Design - approach 0	Other [00]	Kilometerpoint 352.4 km = 218.5 mi	Year built 1884 Year reconstructed #Num!
				Skew angle 0	Structure Flared
				Historical significance Historical significance is not determinable at this time. [4]	
Total length	40.5 m = 132.9 ft	Length of maximum span	39 m = 128.0 ft	Deck width, out-to-out	5.3 m = 17.4 ft
Bridge roadway width, curb-to-curb	5 m = 16.4 ft	Inventory Route, Total Horizontal Clearance	5 m = 16.4 ft	Curb or sidewalk width - left	0 m = 0.0 ft
				Curb or sidewalk width - right	0 m = 0.0 ft
Deck structure type	Open Grating [3]				
Type of wearing surface					
Deck protection					
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length	Method to determine inventory rating	Allowable Stress(AS) [2]	Inventory rating	7.3 metric ton = 8.0 tons
0.6 km = 0.4 mi	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	12.2 metric ton = 13.4 tons
Bridge posting	30.0 - 39.9 % below [1]		Design Load	

Functional Details

Average Daily Traffic	1230	Average daily truck traffi	0	%	Year	2015	Future average daily traffic	1540	Year	2025
Road classification	Local (Rural) [09]		Lanes on structure	2		Approach roadway width	5.5 m = 18.0 ft			
Type of service on bridge	Highway [1]		Direction of traffic	One lane bridge for 2 - way traffic [3]		Bridge median				
Parallel structure designation	No parallel structure exists. [N]									
Type of service under bridge	Waterway [5]		Lanes under structure	0		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	4.88 m = 16.0 ft			
Minimum lateral underclearance reference feature	Feature not a highway or railroad [N]									
Minimum lateral underclearance on right	99.9 = Unlimited					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]								
Replacement of bridge or other structure because of substandard load carrying capacity or substantial bridge roadway geometry. [31]	Bridge improvement cost	279000	Roadway improvement cost	28000						
	Length of structure improvement	40.5 m = 132.9 ft		Total project cost	307000					
	Year of improvement cost estimate									
	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	Basically intolerable requiring high priority of replacement [2]
Condition ratings - superstructure	Fair [5]	Appraisal ratings - roadway alignment	Basically intolerable requiring high priority of corrective action [3]
Condition ratings - substructure	Good [7]	Appraisal ratings - deck geometry	N/A [N]
Condition ratings - deck	Satisfactory [6]		
Scour	Bridge foundations determined to be stable for assessed or calculated scour condition. [5]		
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 minimum criteria [6]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	23.4
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	November 2015 [1115]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	November 2015 [1115]
Other special inspection	Not needed [N]	Other special inspection date	