HistoricBridges.org - National Bridge Inventory Data Sheet

2014 Inventory

The National Bridge Inventory contains data submitted by state transportion 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

Maryland [24]	Baltimore County [005]	Unknown [00000]	0.07 MI S OF MD 45	00000000 =	000000000 =

100000030105010 | Highway agency district: 4 | Owner: State Highway Agency [01] | Maintenance responsibility: State Highway Agency [01]

Route: 8013 | | YORK ROAD | Toll: On free road [3] | Features intersected: LITTLE FALLS

Design - main	Masonry [8]	Design - approach		Kilometerpoint	9.7 km = 6.0 mi
2	Arch - Deck [11]	0	Other [00]	Year built	1809
				Year reconstructed	N/A [0000]
				Skew angle	0
				Structure Flared	
				Historical significance	Bridge is eligible for the NRHP. [2]

Total length	18.9 m = 62.0 ft	Length of maximum span	5.5 m = 18.0 ft	Deck width, out-to-out	9.4 m = 30.8 ft	Bridge roadway width, curb-to-curb	8.2 m = 26.9 ft
Inventory Route, Total Horizontal Clearance	8.2 m = 26.9 ft	Curb or sidewalk width - left	0 m = 0.0 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	
Type of membrane/wearing surface	

Weight Limits

Bypass, detour length	Method to determine inventory rating	Load Testing [4]	Inventory rating	32.7 metric ton = 36.0 tons
0.2 km = 0.1 mi	Method to determine operating rating	Load Testing [4]	Operating rating	32.7 metric ton = 36.0 tons
	Bridge posting	Equal to or above legal loads [5]	Design Load	

Functional Details

Average Daily Traffic	499	Average daily truck traffi	8 %	Year	1994	Future average daily traffic	588
Year	2012						
Road classification	Local (Rural) [09]	Lanes on structure	2	Approach roadway width	7.6 m = 24.9 ft		
Type of service on bridge	Highway [1]	Direction of traffic	2 - way traffic [2]	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	99.99 m = 328.1 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

Bridge rehabilitation because of general structure deterioration or inadequate strength. [35]

Work done by	Work to be done by contract [1]		
Bridge improvement cost	115000	Roadway improvement cost	12000
Length of structure improvement	18.9 m = 62.0 ft	Total project cost	127000
Year of improvement cost estimate			
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	Equal to present minimum criteria [6]
Condition ratings - superstructur	Satisfactory [6]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings - deck geometry	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - deck	Satisfactory [6]		

Scour	Countermeasures have been installed to mitigate an existing problem with scour. [7]
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 minimum criteria [6]	Status evaluation	
Pier or abutment protection	None present but re-evaluation suggested [5]	Sufficiency rating	94

Culverts	Not applicable. Used if structure is not a culvert. [N]
Traffic safety features - railings	Inpected feature meets currently acceptable standards. [1]
Traffic safety features - transitions	
Traffic safety features - approach guardrail	
Traffic safety features - approach guardrail ends	

Inspection date	August 2013 [0813]	Designated inspection frequency	24	Months

Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Not needed [N]	Fracture critical inspection date	
Other special inspection	Not needed [N]	Other special inspection date	