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						20 24 50 19 -	077 12 22 47		
Maryland [24] Frederick County [021]		Unknown [00000] 1.12 MI N OF G		NTENT	39.583106	= -77.225964			
200000F-1701010 Highway agency district 7		gency district 7	Owner County Highway	y Agency [02]	Maintenance responsibility	ce responsibility County Highway Agency [02			
Route 512	S	IMPSONS MILL ROAD	Toll On free road [3] Features intersected LITTLE PIPE (E CREEK			
Design - Steel [3] main 1 Truss - Th	esign - Steel [3] Design - approach I Truss - Thru [10] 0 Other		[00] Kilometerpoint Year built 1890 Skew angle 0 Historical significa		469.8 km = 291.3 mi Year reconstructed 1998 Structure Flared Ince Historical significance is not determinable at this time. [4]				
Total length 27.4 m = 89.9 ft Length of maximum span 27.4 m = 89.9 ft Deck width, out-to-out 4.8 m = 15.7 ft Bridge roadway width, curb-to-curb 4 m = 13.1 ft									
Inventory Route, Total Horizontal Clearance $4 m = 13.1 \text{ ft}$ Curb or sidewalk width - left $0 m = 0.0 \text{ ft}$ Curb or sidewalk width - right $0 m = 0.0 \text{ ft}$							0 m = 0.0 ft		
Deck structure type Wood or Timber [8]									
Type of wearing surface									
Deck protection									
Type of membrane/wearing surface									
Weight Limits									
Bypass, detour length Method to determine inventory rating			Load Factor(LF) [1]	Inve	ntory rating 22.7 metric ton =	= 25.0 tons			
1.1 km = 0.7 mi Method to determine operating rating			Load Factor(LF) [1]		Operating rating 29.9 metric ton = 32.9 tons				
Bridge posting 00.1 - 09.9 % below [4]					ign Load M 13.5 / H 15 [2]				

Functional Details									
Average Daily Traffic 176 Average daily tr	uck traffi 3 % Year 2007 Future average daily traffic 465 Year 2032								
Road classification Minor Collector (Rural) [08]	Lanes on structure 1 Approach roadway width 3.4 m = 11.2 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 brid	dge Minimum vertical clearance over bridge roadway 4.27 m = 14.0 ft								
Minimum lateral underclearance reference feature Feature not a highway or railroad [N]									
Minimum lateral underclearance on right 0 = N/A 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									
	Bridge improvement cost Roadway improvement cost								
	Length of structure improvement Total project cost								
	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 lo	ad [P]	Ap str	praisal ratings - uctural	Equal to present minimum criteria [6]						
Condition ratings - superstructur	ondition ratings - superstructur Good [7]		praisal ratings - adway alignment	Basically intolerable requiring high priority of corrrective action [3]						
Condition ratings - substructure	Satisfactory [6]	A	ppraisal ratings -	Basically intolerable requiring high priority of replacement [2]						
Condition ratings - deck	Good [7]	de	eck geometry							
Scour	Countermeasu	Countermeasures have been installed to mitigate an existing problem with scour. [7]								
Channel and channel protection	Bank protectio Banks and/or o	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 adequad	Equal to prese	Equal to present minimum criteria [6]			atus evaluation	Functionally obsolete	[2]			
Pier or abutment protection					fficiency rating	62				
Culverts Not applicable. Used if structure is not a culvert. [N]										
Traffic safety features - railings		Inpected feature m	neets currently acce							
Traffic safety features - transition	IS	Inpected feature n	neets currently acce							
Traffic safety features - approach	nguardrail	Inpected feature n	pected feature meets currently acceptable standards. [1]							
Traffic safety features - approach	n guardrail ends	Inpected feature m	npected feature meets currently acceptable standards. [1]							
Inspection date October 201	nspection date October 2013 [1013] Designated inspection frequency 12 Months									
Underwater inspection Not needed [N] Underwater inspection date]				
Fracture critical inspection	Every year [Y12]	year [Y12]		spection date	October 2013 [[1013]				
Other special inspection	Not needed [N]	ieeded [N]		ection date]			