

HistoricBridges.org - National Bridge Inventory Data Sheet

2011 Inventory

The National Bridge Inventory contains data submitted by state transportation 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]	Frederick County [021]	Emmitsburg [26200]	2 MI NE OF MD RTE 76	39-40-00 = 39.666667	077-18-00 = -77.300000
200000F-0502010	Highway agency district 7	Owner County Highway Agency [02]	Maintenance responsibility	County Highway Agency [02]	
Route 63		KEYSVILLE ROAD	Toll On free road [3]	Features intersected TOM'S CREEK	
Design - main 1	Aluminum, Wrought Iron or Cast Iron [9] Truss - Thru [10]	Design - approach 0	Other [00]	Kilometerpoint 370.1 km = 229.5 mi	
				Year built 1876	Year reconstructed 1997
				Skew angle 0	Structure Flared
				Historical significance Bridge is on the NRHP. [1]	
Total length 31.4 m = 103.0 ft	Length of maximum span 31.4 m = 103.0 ft	Deck width, out-to-out 4.2 m = 13.8 ft	Bridge roadway width, curb-to-curb 3.9 m = 12.8 ft		
Inventory Route, Total Horizontal Clearance 3.9 m = 12.8 ft	Curb or sidewalk width - left 0.2 m = 0.7 ft	Curb or sidewalk width - right 0.2 m = 0.7 ft			
Deck structure type	Wood or Timber [8]				
Type of wearing surface					
Deck protection					
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length 0.6 km = 0.4 mi	Method to determine inventory rating	Allowable Stress(AS) [2]	Inventory rating 18.9 metric ton = 20.8 tons
	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating 22.5 metric ton = 24.8 tons
Bridge posting 30.0 - 39.9 % below [1]	Design Load	M 13.5 / H 15 [2]	

Functional Details

Average Daily Traffic	299	Average daily truck traffi	5	%	Year	1992	Future average daily traffic	400	Year	2011
Road classification	Minor Collector (Rural) [08]		Lanes on structure	1		Approach roadway width	3.7 m = 12.1 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	4.44 m = 14.6 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

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	<input type="text" value="Posted for load [P]"/>	Appraisal ratings - structural	<input type="text" value="Somewhat better than minimum adequacy to tolerate being left in place as is [5]"/>
Condition ratings - superstructure	<input type="text" value="Good [7]"/>	Appraisal ratings - roadway alignment	<input type="text" value="Basically intolerable requiring high priority of corrective action [3]"/>
Condition ratings - substructure	<input type="text" value="Good [7]"/>	Appraisal ratings - deck geometry	<input type="text" value="Basically intolerable requiring high priority of replacement [2]"/>
Condition ratings - deck	<input type="text" value="Good [7]"/>		
Scour	<input type="text" value="Countermeasures have been installed to mitigate an existing problem with scour. [7]"/>		
Channel and channel protection	<input type="text" value="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	<input type="text" value="Equal to present minimum criteria [6]"/>	Status evaluation	<input type="text" value="Functionally obsolete [2]"/>
Pier or abutment protection	<input type="text"/>	Sufficiency rating	<input type="text" value="52.7"/>
Culverts	<input type="text" value="Not applicable. Used if structure is not a culvert. [N]"/>		
Traffic safety features - railings	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Traffic safety features - transitions	<input type="text"/>		
Traffic safety features - approach guardrail	<input type="text"/>		
Traffic safety features - approach guardrail ends	<input type="text"/>		
Inspection date	<input type="text" value="November 2010 [1110]"/>	Designated inspection frequency	<input type="text" value="12"/> Months
Underwater inspection	<input type="text" value="Not needed [N]"/>	Underwater inspection date	<input type="text"/>
Fracture critical inspection	<input type="text" value="Every year [Y12]"/>	Fracture critical inspection date	<input type="text" value="November 2010 [1110]"/>
Other special inspection	<input type="text" value="Not needed [N]"/>	Other special inspection date	<input type="text"/>