

HistoricBridges.org - National Bridge Inventory Data Sheet

2012 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

Pennsylvania [42]		Berks County [011]		Greenwich [31352]		ZETTLEMOYER'S BRIDGE		40-35-12 = 40.586667		075-53-48 = - 75.896667	
5369		Highway agency district 5		Owner County Highway Agency [02]		Maintenance responsibility		County Highway Agency [02]			
Route 0		LONG ROAD		Toll On free road [3]		Features intersected MAIDEN CREEK					
Design - main Steel [3]		Design - approach		Kilometerpoint 0 km = 0.0 mi							
1		Truss - Thru [10]		0		Other [00]		Year built 1904		Year reconstructed 1958	
						Skew angle 0		Structure Flared			
						Historical significance		Historical significance is not determinable at this time. [4]			
Total length 46.9 m = 153.9 ft		Length of maximum span 46.3 m = 151.9 ft		Deck width, out-to-out 5.4 m = 17.7 ft		Bridge roadway width, curb-to-curb 5.2 m = 17.1 ft					
Inventory Route, Total Horizontal Clearance 5.2 m = 17.1 ft		Curb or sidewalk width - left 0 m = 0.0 ft		Curb or sidewalk width - right 0 m = 0.0 ft							
Deck structure type		Closed Grating [4]									
Type of wearing surface		Bituminous [6]									
Deck protection											
Type of membrane/wearing surface											

Weight Limits

Bypass, detour length		Method to determine inventory rating		Load Factor(LF) [1]		Inventory rating		4.5 metric ton = 5.0 tons	
0.6 km = 0.4 mi		Method to determine operating rating		Load Factor(LF) [1]		Operating rating		91 metric ton = 100.1 tons	
Bridge posting				Design Load					

Functional Details

Average Daily Traffic	115	Average daily truck traffi		%	Year	1979	Future average daily traffic	154	Year	2032
Road classification	Local (Rural) [09]		Lanes on structure	2		Approach roadway width	5.2 m = 17.1 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	5 m = 16.4 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	Work to be done by owner's forces [2]			
Bridge rehabilitation because of general structure deterioration or inadequate strength. [35]	Bridge improvement cost	0	Roadway improvement cost	0	
	Length of structure improvement	56 m = 183.7 ft		Total project cost	0
	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="Basically intolerable requiring high priority of corrective action [3]"/>
Condition ratings - superstructure	<input type="text" value="Poor [4]"/>	Appraisal ratings - roadway alignment	<input type="text" value="Meets minimum tolerable limits to be left in place as is [4]"/>
Condition ratings - substructure	<input type="text" value="Fair [5]"/>	Appraisal ratings - deck geometry	<input type="text" value="Basically intolerable requiring high priority of replacement [2]"/>
Condition ratings - deck	<input type="text" value="Poor [4]"/>		
Scour	<input type="text" value="Bridge foundations determined to be stable for assessed or calculated scour condition. [5]"/>		
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 desirable criteria [8]"/>	Status evaluation	<input type="text" value="Structurally deficient [1]"/>
Pier or abutment protection	<input type="text"/>	Sufficiency rating	<input type="text" value="15.6"/>
Culverts	<input type="text" value="Not applicable. Used if structure is not a culvert. [N]"/>		
Traffic safety features - railings	<input type="text"/>		
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="September 2011 [0911]"/>	Designated inspection frequency	<input type="text" value="24"/> 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="September 2002 [0902]"/>
Other special inspection	<input type="text" value="Every year [Y12]"/>	Other special inspection date	<input type="text" value="September 2010 [0910]"/>