

HistoricBridges.org - National Bridge Inventory Data Sheet

2010 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]		Washington County [125]		Amwell [02384]		200' FROM SR 2020		40-01-12 = 40.020000		080-09-06 = - 80.151667	
627201073240400		Highway agency district 12		Owner County Highway Agency [02]		Maintenance responsibility		County Highway Agency [02]			
Route	#Num!	EVANS BRIDGE TR732		Toll	On free road [3]		Features intersected TENMILE CREEK				
Design - main	Steel [3]		Design - approach			Kilometerpoint	0 km = 0.0 mi				
	1 Truss - Thru [10]			0 Other [00]		Year built	1949	Year reconstructed	N/A [0000]		
				Skew angle	0	Structure Flared					
				Historical significance	Historical significance is not determinable at this time. [4]						
Total length	28.7 m = 94.2 ft		Length of maximum span	27.4 m = 89.9 ft		Deck width, out-to-out	5.5 m = 18.0 ft		Bridge roadway width, curb-to-curb	4.6 m = 15.1 ft	
Inventory Route, Total Horizontal Clearance	4.6 m = 15.1 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	Method to determine inventory rating	Allowable Stress(AS) [2]	Inventory rating	8.2 metric ton = 9.0 tons
0.6 km = 0.4 mi	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	10.9 metric ton = 12.0 tons
Bridge posting			Design Load	

Functional Details

Average Daily Traffic	200	Average daily truck traffi	1	%	Year	1993	Future average daily traffic	200	Year	1993
Road classification	Minor Arterial (Rural) [06]		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 bridge	0 m = 0.0 ft					Minimum vertical clearance over bridge roadway	4 m = 13.1 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 contract [1]		
Bridge deck replacement with only incidental widening. [37]	Bridge improvement cost	0	Roadway improvement cost	0
	Length of structure improvement	36 m = 118.1 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="Somewhat better than minimum adequacy to tolerate being left in place as is [5]"/>
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="Satisfactory [6]"/>		
Scour	<input type="text" value="Bridge is scour critical; bridge foundations determined to be unstable. [3]"/>		
Channel and channel protection	<input type="text" value="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	<input type="text" value="Better than present minimum criteria [7]"/>	Status evaluation	<input type="text" value="Structurally deficient [1]"/>
Pier or abutment protection	<input type="text"/>	Sufficiency rating	<input type="text" value="22.1"/>
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="August 2009 [0809]"/>	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="Not needed [N]"/>	Fracture critical inspection date	<input type="text"/>
Other special inspection	<input type="text" value="Not needed [N]"/>	Other special inspection date	<input type="text"/>