

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]		Somerset County [111]		Stonycreek [74440]		3 MI.S.OF SHANKSVILLE		39-59-06 = 39.985000		078-54-54 = - 78.915000	
557223051530640		Highway agency district 9		Owner County Highway Agency [02]		Maintenance responsibility		County Highway Agency [02]			
Route 0		T515, YONAI ROAD		Toll On free road [3]		Features intersected STONY CREEK					
Design - main Steel [3]		Design - approach		Kilometerpoint 0 km = 0.0 mi							
1		Truss - Thru [10]		0		Other [00]		Year built #Num!		Year reconstructed 1991	
								Skew angle 0		Structure Flared	
								Historical significance Bridge is not eligible for the NRHP. [5]			
Total length 25.3 m = 83.0 ft		Length of maximum span 25 m = 82.0 ft		Deck width, out-to-out 4.3 m = 14.1 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		Wood or Timber [7]									
Deck protection											
Type of membrane/wearing surface											

Weight Limits

Bypass, detour length 0.3 km = 0.2 mi		Method to determine inventory rating		Allowable Stress(AS) [2]		Inventory rating 2.7 metric ton = 3.0 tons	
		Method to determine operating rating		Allowable Stress(AS) [2]		Operating rating 4.5 metric ton = 5.0 tons	
Bridge posting				Design Load		M 13.5 / H 15 [2]	

Functional Details

Average Daily Traffic	50	Average daily truck traffi		%	Year	2009	Future average daily traffic	63	Year	2029
Road classification	Local (Rural) [09]			Lanes on structure	1		Approach roadway width	3 m = 9.8 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	10 m = 32.8 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]		
Replacement of bridge or other structure because of substandard load carrying capacity or substantial bridge roadway geometry. [31]	Bridge improvement cost	0	Roadway improvement cost	0
	Length of structure improvement	32 m = 105.0 ft	Total project cost	1000
	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 replacement [2]"/>
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="Satisfactory [6]"/>	Appraisal ratings - deck geometry	<input type="text" value="Meets minimum tolerable limits to be left in place as is [4]"/>
Condition ratings - deck	<input type="text" value="Good [7]"/>		
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 protection is being eroded. River control devices and/or embankment have major damage. Trees and rush restrict the channel. [5]"/>		
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="22.9"/>
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="April 2009 [0409]"/>	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="Every year [Y12]"/>	Other special inspection date	<input type="text"/>