

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]		Hooversville [35608]		HOOVERSVILLE BORO.		40-08-59 = 40.149722		078-54-47 = - 78.913056	
554021013003700		Highway agency district 9		Owner State Highway Agency [01]		Maintenance responsibility		State Highway Agency [01]			
Route 0		SR 4021		Toll On free road [3]		Features intersected STONY CREEK RIVER					
Design - main		Concrete continuous [2]		Design - approach		Kilometerpoint 841 km = 521.4 mi					
2		Girder and floorbeam system [03]		0		Other [00]		Year built 1914		Year reconstructed N/A [0000]	
								Skew angle 0		Structure Flared	
								Historical significance Bridge is not eligible for the NRHP. [5]			
Total length		50.6 m = 166.0 ft		Length of maximum span		24.4 m = 80.1 ft		Deck width, out-to-out		8.5 m = 27.9 ft	
								Bridge roadway width, curb-to-curb		5.3 m = 17.4 ft	
Inventory Route, Total Horizontal Clearance		5.3 m = 17.4 ft		Curb or sidewalk width - left		0.3 m = 1.0 ft		Curb or sidewalk width - right		1.9 m = 6.2 ft	
Deck structure type		Concrete Cast-in-Place [1]									
Type of wearing surface		Bituminous [6]									
Deck protection											
Type of membrane/wearing surface											

Weight Limits

Bypass, detour length		Method to determine inventory rating		No rating analysis performed [5]		Inventory rating		24.5 metric ton = 27.0 tons	
2.1 km = 1.3 mi		Method to determine operating rating		No rating analysis performed [5]		Operating rating		40.8 metric ton = 44.9 tons	
Bridge posting		Equal to or above legal loads [5]		Design Load		M 13.5 / H 15 [2]			

Functional Details

Average Daily Traffic	826	Average daily truck traffi	1	%	Year	2009	Future average daily traffic	1476	Year	2024
Road classification	Minor Collector (Rural) [08]		Lanes on structure	2		Approach roadway width	7.3 m = 24.0 ft			
Type of service on bridge	Highway-pedestrian [5]		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	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	63 m = 206.7 ft	Total project cost	2000
	Year of improvement cost estimate			
	Border bridge - state		Border bridge - percent responsibility of other state	
	Border bridge - structure number			

Inspection and Sufficiency

Structure status	Open, no restriction [A]	Appraisal ratings - structural	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - superstructure	Poor [4]	Appraisal ratings - roadway alignment	Basically intolerable requiring high priority of corrective action [3]
Condition ratings - substructure	Poor [4]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Poor [4]		
Scour	Bridge is scour critical; bridge foundations determined to be unstable. [3]		
Channel and channel protection	Bank and embankment protection is severely undermined. River control devices have severe damage. Large deposits of debris are in the channel. [4]		
Appraisal ratings - water adequacy	Equal to present desirable criteria [8]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	37
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings			
Traffic safety features - transitions			
Traffic safety features - approach guardrail			
Traffic safety features - approach guardrail ends			
Inspection date	March 2009 [0309]	Designated inspection frequency	24 Months
Underwater inspection	Every two years [Y24]	Underwater inspection date	September 2009 [0909]
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	March 2009 [0309]
Other special inspection	Not needed [N]	Other special inspection date	