

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]		Meyersdale [48912]		MEYERSDALE BOROUGH		39-48-43 = 39.811944		079-01-35 = - 79.026389	
552047005000570		Highway agency district 9		Owner State Highway Agency [01]		Maintenance responsibility		State Highway Agency [01]			
Route #Num!		SR 2047		Toll		On free road [3]		Features intersected FLAUGHERTY CREEK			
Design - main		Masonry [8]		Design - approach				Kilometerpoint		191.7 km = 118.9 mi	
1		Arch - Deck [11]		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		20.1 m = 65.9 ft		Length of maximum span		15.2 m = 49.9 ft		Deck width, out-to-out		14.9 m = 48.9 ft	
								Bridge roadway width, curb-to-curb		10.4 m = 34.1 ft	
Inventory Route, Total Horizontal Clearance		10.4 m = 34.1 ft		Curb or sidewalk width - left		1.8 m = 5.9 ft		Curb or sidewalk width - right		1.8 m = 5.9 ft	
Deck structure type		Not applicable [N]									
Type of wearing surface		Not applicable (applies only to structures with no deck) [N]									
Deck protection		Not applicable (applies only to structures with no deck) [N]									
Type of membrane/wearing surface		Not applicable (applies only to structures with no deck) [N]									

Weight Limits

Bypass, detour length		Method to determine inventory rating		No rating analysis performed [5]		Inventory rating		29 metric ton = 31.9 tons	
2.9 km = 1.8 mi		Method to determine operating rating		No rating analysis performed [5]		Operating rating		49 metric ton = 53.9 tons	
Bridge posting		Equal to or above legal loads [5]		Design Load		M 13.5 / H 15 [2]			

Functional Details

Average Daily Traffic	4982	Average daily truck traffi	3	%	Year	2008	Future average daily traffic	4879	Year	2019
Road classification	Major Collector (Rural) [07]		Lanes on structure	2		Approach roadway width	10.4 m = 34.1 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	0 m = 0.0 ft					Minimum vertical clearance over bridge roadway	99.99 m = 328.1 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]		
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	25 m = 82.0 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	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	Equal to present desirable criteria [8]
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings - deck geometry	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - deck	Not Applicable [N]		
Scour	Countermeasures have been installed to mitigate an existing problem with scour. [7]		
Channel and channel protection	Banks are protected or well vegetated. River control devices such as spur dikes and embankment protection are not required or are in a stable condition. [8]		
Appraisal ratings - water adequacy	Equal to present desirable criteria [8]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	56.5
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	August 2009 [0809]	Designated inspection frequency	12 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Not needed [N]	Fracture critical inspection date	
Other special inspection	Not needed [N]	Other special inspection date	