

# HistoricBridges.org - National Bridge Inventory Data Sheet

2019 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]		Bradford County [015]		Wilmot [85544]		STATE GAME LANDS NO.172		41-37-35.03 = 41.626397		076-16-27.47 = -76.274297	
6682		Highway agency district: 3		Owner County Highway Agency [02]		Maintenance responsibility		County Highway Agency [02]			
Route 0		T-387 (CO.BR.39)		Toll On free road [3]		Features intersected		FOSTER BR. SUGAR RUN CRK			
Design - main		Steel [3]		Design - approach		Kilometerpoint 0 km = 0.0 mi		Year built 1907		Year reconstructed 1990	
1		Truss - Thru [10]		0 Other [00]		Skew angle 0		Structure Flared			
						Historical significance		Bridge is not eligible for the NRHP. [5]			
Total length		17.1 m = 56.1 ft		Length of maximum span		15.8 m = 51.8 ft		Deck width, out-to-out		4.2 m = 13.8 ft	
								Bridge roadway width, curb-to-curb		4.1 m = 13.5 ft	
Inventory Route, Total Horizontal Clearance		4.1 m = 13.5 ft		Curb or sidewalk width - left		0.1 m = 0.3 ft		Curb or sidewalk width - right		0.1 m = 0.3 ft	
Deck structure type		Open Grating [3]									
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		10.9 metric ton = 12.0 tons	
0.6 km = 0.4 mi		Method to determine operating rating		Allowable Stress(AS) [2]		Operating rating		14.5 metric ton = 16.0 tons	
Bridge posting						Design Load		M 18 / H 20 [4]	

### Functional Details

Average Daily Traffic	50	Average daily truck traffi	0	%	Year	2018	Future average daily traffic	77	Year	2040
Road classification	Local (Rural) [09]			Lanes on structure	1		Approach roadway width	5.5 m = 18.0 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	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]		
Bridge rehabilitation because of general structure deterioration or inadequate strength. [35]	Bridge improvement cost	0	Roadway improvement cost	0
	Length of structure improvement	18 m = 59.1 ft	Total project cost	356000
	Year of improvement cost estimate			
	Border bridge - state		Border bridge - percent responsibility of other state	
	Border bridge - structure number			

## Inspection and Sufficiency

Structure status	Posted for load [P]	Appraisal ratings - structural	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - superstructure	Poor [4]	Appraisal ratings - roadway alignment	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - substructure	Fair [5]	Appraisal ratings - deck geometry	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - deck	Satisfactory [6]		
Scour	Bridge foundations determined to be stable for assessed or calculated scour conditions; field review indicates action is required. [4]		
Channel and channel protection	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	Better than present minimum criteria [7]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	25.9
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	July 2017 [0717]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every year [Y12]	Fracture critical inspection date	July 2018 [0718]
Other special inspection	Unknown [Y06]	Other special inspection date	August 2018 [0818]