HistoricBridges.org - National Bridge Inventory Data Sheet

2019 Inventory

The National Bridge Inventory contains data submitted by state transportion 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]	Clinton County [035]	Beech Creek [04984]	BEECHCREEK BORO	41-04-29.40 = 41.074833	077-35-31.30 = -77.592028

12159	Highway agency district:	2	Owner	State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route	150		SR 150-PA 150	Toll	On free road [3]	Features intersected	BEECH CREEK

Design - main	Steel [3]	Design - approach		Kilometerpoint	0 km = 0.0 mi		
1	Truss - Thru [10]	0	Other [00]	Year built	1935	Year reconstructed	1994
				Skew angle	30	Structure Flared	
				Historical significance	Bridge is not eligible for the NRHP. [5]		

Total length	45.4 m = 149.0 ft	Length of maximum span	43.9 m = 144.0 ft	Deck width, out-to-out	10.5 m = 34.5 ft	Bridge roadway width, curb-to-curb	10.2 m = 33.5 ft
Inventory Route, Total Horizontal Clearance	10.2 m = 33.5 ft	Curb or sidewalk width - left	2.5 m = 8.2 ft	Curb or sidewalk width - right	0.1 m = 0.3 ft		

Deck structure type	Concrete Cast-in-Place [1]
Type of wearing surface	Monolithic Concrete (concurrently placed with structural deck) [1]
Deck protection	Epoxy Coated Reinforcing [1]
Type of membrane/wearing surface	

Weight Limits

Bypass, detour length	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	26.3 metric ton = 28.9 tons	
4.3 km = 2.7 mi	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	39 metric ton = 42.9 tons	
	Bridge posting	Equal to or above legal loads [5]	Design Load	M 18 / H 20 [4]	

Functional Details

Average Daily Traffic	3688	Average daily truck traffi	7 %	Year	2018	Future average daily traffic	5210
Year	2038						
Road classification	Minor Arterial (Rural) [06]	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	4.63 m = 15.2 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	
		Bridge improvement cost	0
		Roadway improvement cost	0
		Length of structure improvement	55 m = 180.5 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	Equal to present minimum criteria [6]
Condition ratings - superstructure	Satisfactory [6]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings - deck geometry	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - deck	Good [7]		
Scour	Countermeasures have been installed to mitigate an existing problem with scour. [7]		
Channel and channel protection	Bank protection is in need of minor repairs. River control devices and embankment protection have a little minor damage. Banks and/or channel have minor amounts of drift. [7]		
Appraisal ratings - water adequacy	Equal to present minimum criteria [6]	Status evaluation	
Pier or abutment protection		Sufficiency rating	79
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings	Inpected feature meets currently acceptable standards. [1]		
Traffic safety features - transitions			
Traffic safety features - approach guardrail			
Traffic safety features - approach guardrail ends	Inpected feature meets currently acceptable standards. [1]		
Inspection date	March 2017 [0317]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	July 2017 [0717]
Other special inspection	Every year [Y12]	Other special inspection date	March 2018 [0318]