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]	Lehigh County [077]	Slatington [71144]	SLATINGTON	40-45-06.11 = 40.751697	075-36-21.95 = -75.606097

23533	Highway agency district:	5	Owner	County Highway Agency [02]	Maintenance responsibility	County Highway Agency [02]	
Route	0		S.WALNUT STREET	Toll	On free road [3]	Features intersected	TROUT CREEK & FACTORY ST

Design - main	Concrete continuous [2]	Design - approach	Concrete continuous [2]	Kilometerpoint	0 km = 0.0 mi		
2	Girder and floorbeam system [03]	3	Stringer/Multi-beam or girder [02]	Year built	1925	Year reconstructed	N/A [0000]
				Skew angle	0	Structure Flared	
				Historical significance	Bridge is on the NRHP. [1]		

Total length	92 m = 301.9 ft	Length of maximum span	26.8 m = 87.9 ft	Deck width, out-to-out	10.4 m = 34.1 ft	Bridge roadway width, curb-to-curb	6.1 m = 20.0 ft
Inventory Route, Total Horizontal Clearance	6.2 m = 20.3 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	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		Inventory rating	9.1 metric ton = 10.0 tons	
0.2 km = 0.1 mi	Method to determine operating rating		Operating rating	13.6 metric ton = 15.0 tons	
	Bridge posting		Design Load	M 13.5 / H 15 [2]	

Functional Details

Average Daily Traffic	3000	Average daily truck traffi	1 %	Year	1980	Future average daily traffic	5500
Year	2030						

Road classification	Local (Urban) [19]	Lanes on structure	2	Approach roadway width	6.4 m = 21.0 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	Highway-waterway [6]	Lanes under structure	2	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	Highway beneath structure [H]				
Minimum lateral underclearance on right	99.9 = Unlimited	Minimum lateral underclearance on left	99.9 = Unlimited		
Minimum Vertical Underclearance	9.14 m = 30.0 ft	Minimum vertical underclearance reference feature	Highway beneath structure [H]		
Appraisal ratings - underclearances	Superior to present desirable criteria [9]				

Repair and Replacement Plans

Type of work to be performed

Bridge rehabilitation because of general structure deterioration or inadequate strength. [35]

Work done by	Work to be done by contract [1]		
Bridge improvement cost	43000	Roadway improvement cost	126000
Length of structure improvement	92 m = 301.9 ft	Total project cost	579000
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	Basically intolerable requiring high priority of corrrective action [3]
Condition ratings - superstructure	Fair [5]	Appraisal ratings - roadway alignment	Better than present minimum criteria [7]
Condition ratings - substructure	Fair [5]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Fair [5]		

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	Superior to present desirable criteria [9]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection		Sufficiency rating	27.7

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	June 2018 [0618]	Designated inspection frequency	24	Months

Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every year [Y12]	Fracture critical inspection date	June 2018 [0618]
Other special inspection	Every year [Y12]	Other special inspection date	June 2018 [0618]