

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]		Northampton County [095]		Bethlehem [06088]		BROAD STREET		40-37-20.63 = 40.622397		075-22-59.52 = -75.383200	
28906		Highway agency district: 5		Owner County Highway Agency [02]		Maintenance responsibility		County Highway Agency [02]			
Route 0		BROAD STREET		Toll On free road [3]		Features intersected MONOCACY CK, RR, CITY ST					
Design - main Concrete [1]		Design - approach		Kilometerpoint 0 km = 0.0 mi		Year built 1909		Year reconstructed 2000			
5 Arch - Deck [11]		0 Other [00]		Skew angle 0		Structure Flared		Historical significance Bridge is eligible for the NRHP. [2]			
Total length 131.4 m = 431.1 ft		Length of maximum span 30.2 m = 99.1 ft		Deck width, out-to-out 18.3 m = 60.0 ft		Bridge roadway width, curb-to-curb 12.5 m = 41.0 ft					
Inventory Route, Total Horizontal Clearance 12.5 m = 41.0 ft		Curb or sidewalk width - left 2.4 m = 7.9 ft		Curb or sidewalk width - right 2.4 m = 7.9 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 0.2 km = 0.1 mi		Method to determine inventory rating		Inventory rating 32.7 metric ton = 36.0 tons	
		Method to determine operating rating		Operating rating 49 metric ton = 53.9 tons	
Bridge posting		Equal to or above legal loads [5]		Design Load	

Functional Details

Average Daily Traffic Average daily truck traffi % Year Future average daily traffic Year

Road classification Lanes on structure Approach roadway width

Type of service on bridge Direction of traffic Bridge median

Parallel structure designation

Type of service under bridge Lanes under structure Navigation control

Navigation vertical clearanc Navigation horizontal clearance

Minimum navigation vertical clearance, vertical lift bridge Minimum vertical clearance over bridge roadway

Minimum lateral underclearance reference feature

Minimum lateral underclearance on right Minimum lateral underclearance on left

Minimum Vertical Underclearance Minimum vertical underclearance reference feature

Appraisal ratings - underclearances

Repair and Replacement Plans

Type of work to be performed

Work done by

Bridge improvement cost Roadway improvement cost

Length of structure improvement Total project cost

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	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - superstructure	Fair [5]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Fair [5]	Appraisal ratings - deck geometry	Equal to present minimum criteria [6]
Condition ratings - deck	Not Applicable [N]		
Scour	Bridge foundations determined to be stable for assessed or calculated scour condition. [5]		
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 desirable criteria [8]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection		Sufficiency rating	81.5
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	April 2018 [0418]	Designated inspection frequency	24 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	