

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]		Allegheny County [003]		Pittsburgh [61000]		BIRMINGHAM BRIDGE		40-25-56.66 = 40.432406		079-58-24.90 = -79.973583	
1640		Highway agency district: 11		Owner State Highway Agency [01]		Maintenance responsibility		State Highway Agency [01]			
Route 0		BIRMINGHAM BRIDGE		Toll On free road [3]		Features intersected MON RIVER, CSX RR					
Design - main Steel [3]		Design - approach Steel [3]		Kilometerpoint 0 km = 0.0 mi		Year built 1976		Year reconstructed 2016			
1 Arch - Thru [12]		11 Stringer/Multi-beam or girder [02]		Skew angle 99		Structure Flared Yes, flared [1]		Historical significance Bridge is not eligible for the NRHP. [5]			
Total length 506.6 m = 1662.2 ft		Length of maximum span 189 m = 620.1 ft		Deck width, out-to-out 32 m = 105.0 ft		Bridge roadway width, curb-to-curb 28.5 m = 93.5 ft					
Inventory Route, Total Horizontal Clearance 14.9 m = 48.9 ft		Curb or sidewalk width - left 1.8 m = 5.9 ft		Curb or sidewalk width - right 0.2 m = 0.7 ft							
Deck structure type		Concrete Cast-in-Place [1]									
Type of wearing surface		Latex Concrete or similar additive [3]									
Deck protection		Galvanized Reinforcing [2]									
Type of membrane/wearing surface											

Weight Limits

Bypass, detour length 0.8 km = 0.5 mi		Method to determine inventory rating		Load Factor(LF) [1]		Inventory rating 29.9 metric ton = 32.9 tons	
		Method to determine operating rating		Load Factor(LF) [1]		Operating rating 49.9 metric ton = 54.9 tons	
Bridge posting		Equal to or above legal loads [5]		Design Load MS 18 / HS 20 [5]			

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	<input type="text" value="Open, no restriction [A]"/>	Appraisal ratings - structural	<input type="text" value="Equal to present minimum criteria [6]"/>
Condition ratings - superstructure	<input type="text" value="Satisfactory [6]"/>	Appraisal ratings - roadway alignment	<input type="text" value="Equal to present desirable criteria [8]"/>
Condition ratings - substructure	<input type="text" value="Satisfactory [6]"/>	Appraisal ratings - deck geometry	<input type="text" value="Superior to present desirable criteria [9]"/>
Condition ratings - deck	<input type="text" value="Good [7]"/>		
Scour	<input type="text" value="Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]"/>		
Channel and channel protection	<input type="text" value="Bank is beginning to slump. River control devices and embankment protection have widespread minor damage. There is minor stream bed movement evident. Debris is restricting the channel slightly. [6]"/>		
Appraisal ratings - water adequacy	<input type="text" value="Superior to present desirable criteria [9]"/>	Status evaluation	<input type="text"/>
Pier or abutment protection	<input type="text" value="Navigation protection not required [1]"/>	Sufficiency rating	<input type="text" value="79.8"/>
Culverts	<input type="text" value="Not applicable. Used if structure is not a culvert. [N]"/>		
Traffic safety features - railings	<input type="text"/>		
Traffic safety features - transitions	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Traffic safety features - approach guardrail	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Traffic safety features - approach guardrail ends	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Inspection date	<input type="text" value="July 2018 [0718]"/>	Designated inspection frequency	<input type="text" value="24"/> Months
Underwater inspection	<input type="text" value="Unknown [Y60]"/>	Underwater inspection date	<input type="text" value="October 2018 [1018]"/>
Fracture critical inspection	<input type="text" value="Every two years [Y24]"/>	Fracture critical inspection date	<input type="text" value="July 2018 [0718]"/>
Other special inspection	<input type="text" value="Not needed [N]"/>	Other special inspection date	<input type="text"/>