

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]		Delaware County [045]		Clifton Heights [14264]		LINDBERGH BRIDGE 21-F5		39-56-00.00 = 39.933333		075-17-24.00 = -75.290000	
15410		Highway agency district 6		Owner County Highway Agency [02]		Maintenance responsibility		County Highway Agency [02]			
Route 0		MARPLE AVENUE		Toll On free road [3]		Features intersected DARBY CREEK					
Design - main Concrete [1]		Design - approach Prestressed concrete [5]		Kilometerpoint 0 km = 0.0 mi		Year built 1928		Year reconstructed 2000			
1 Arch - Deck [11]		2 Box Beam or girders - Single or Spread [06]		Skew angle 0		Structure Flared					
				Historical significance Bridge is eligible for the NRHP. [2]							
Total length 120.1 m = 394.0 ft		Length of maximum span 78.3 m = 256.9 ft		Deck width, out-to-out 13.4 m = 44.0 ft		Bridge roadway width, curb-to-curb 9.1 m = 29.9 ft					
Inventory Route, Total Horizontal Clearance 9.1 m = 29.9 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 Precast Panels [2]									
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		39 metric ton = 42.9 tons			
0.1 km = 0.1 mi		Method to determine operating rating		Load Factor(LF) [1]		Operating rating		68.9 metric ton = 75.8 tons			
Bridge posting		Equal to or above legal loads [5]		Design Load		MS 22.5 / HS 25 or greater [9]					

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="Better than present minimum criteria [7]"/>
Condition ratings - superstructure	<input type="text" value="Good [7]"/>	Appraisal ratings - roadway alignment	<input type="text" value="Equal to present minimum criteria [6]"/>
Condition ratings - substructure	<input type="text" value="Good [7]"/>	Appraisal ratings - deck geometry	<input type="text" value="Meets minimum tolerable limits to be left in place as is [4]"/>
Condition ratings - deck	<input type="text" value="Good [7]"/>		
Scour	<input type="text" value="Bridge foundations determined to be stable for assessed or calculated scour condition. [5]"/>		
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"/>	Sufficiency rating	<input type="text" value="81.8"/>
Culverts	<input type="text" value="Not applicable. Used if structure is not a culvert. [N]"/>		
Traffic safety features - railings	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Traffic safety features - transitions	<input type="text"/>		
Traffic safety features - approach guardrail	<input type="text"/>		
Traffic safety features - approach guardrail ends	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Inspection date	<input type="text" value="December 2011 [1211]"/>	Designated inspection frequency	<input type="text" value="24"/> Months
Underwater inspection	<input type="text" value="Not needed [N]"/>	Underwater inspection date	<input type="text"/>
Fracture critical inspection	<input type="text" value="Not needed [N]"/>	Fracture critical inspection date	<input type="text"/>
Other special inspection	<input type="text" value="Not needed [N]"/>	Other special inspection date	<input type="text"/>