

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] Bucks County [017] New Hope [53712] NEW HOPE BOROUGH 25H02 40-21-54 = 40.365000 074-56-48 = - 74.946667  
 097411999100050 Highway agency district 6 Owner Local Toll Authority [32] Maintenance responsibility Private (other than railroad) [26]

Route 179 PA 179(LR 155) Toll On free road [3] Features intersected DELAWARE RIVER

Design - main Steel [3] Design - approach Other [00] Kilometerpoint 0 km = 0.0 mi  
 6 Truss - Thru [10] 0 Other [00] Year built 1904 Year reconstructed 2004  
 Skew angle 0 Structure Flared  
 Historical significance Historical significance is not determinable at this time. [4]

Total length 320.6 m = 1051.9 ft Length of maximum span 52.1 m = 170.9 ft Deck width, out-to-out 6.4 m = 21.0 ft Bridge roadway width, curb-to-curb 6.2 m = 20.3 ft  
 Inventory Route, Total Horizontal Clearance 6.3 m = 20.7 ft Curb or sidewalk width - left 0 m = 0.0 ft Curb or sidewalk width - right 1.9 m = 6.2 ft

Deck structure type Open Grating [3]  
 Type of wearing surface  
 Deck protection  
 Type of membrane/wearing surface

**Weight Limits**

Bypass, detour length 0.5 km = 0.3 mi Method to determine inventory rating No rating analysis performed [5] Inventory rating 7.3 metric ton = 8.0 tons  
 Method to determine operating rating No rating analysis performed [5] Operating rating 11.8 metric ton = 13.0 tons  
 Bridge posting Equal to or above legal loads [5] Design Load M 13.5 / H 15 [2]

### 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	Posted for load [P]	Appraisal ratings - structural	Basically intolerable requiring high priority of corrective action [3]
Condition ratings - superstructure	Satisfactory [6]	Appraisal ratings - roadway alignment	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - substructure	Good [7]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Good [7]		
Scour	Bridge is scour critical; bridge foundations determined to be unstable. [3]		
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	
Pier or abutment protection		Sufficiency rating	17.1
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - transitions	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail ends	Inspected feature meets currently acceptable standards. [1]		
Inspection date	May 2008 [0508]	Designated inspection frequency	24 Months
Underwater inspection	Unknown [Y48]	Underwater inspection date	September 2008 [0908]
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	May 2008 [0508]
Other special inspection	Not needed [N]	Other special inspection date	