

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] Lehigh County [077] Whitehall [84528] HOKENDAUQUA N.CATASAUQUA 40-39-36 = 40.660000 075-29-06 = - 75.485000  
 391014004007440 Highway agency district: 5 Owner County Highway Agency [02] Maintenance responsibility County Highway Agency [02]  
 Route 0 LEHIGH STREET Toll On free road [3] Features intersected LEHIGH R.NORFOLK;WATER S  
 Design - main Steel [3] Design - approach Steel [3] Kilometerpoint 154.5 km = 95.8 mi  
 4 Truss - Deck [09] 3 Girder and floorbeam system [03] Year built 1908 Year reconstructed 1947  
 Skew angle 0 Structure Flared  
 Historical significance Bridge is not eligible for the NRHP. [5]  
 Total length 238.4 m = 782.2 ft Length of maximum span 48.2 m = 158.1 ft Deck width, out-to-out 9.1 m = 29.9 ft Bridge roadway width, curb-to-curb 7.2 m = 23.6 ft  
 Inventory Route, Total Horizontal Clearance 7.2 m = 23.6 ft Curb or sidewalk width - left 1.7 m = 5.6 ft Curb or sidewalk width - right 0.3 m = 1.0 ft  
 Deck structure type Open Grating [3]  
 Type of wearing surface  
 Deck protection  
 Type of membrane/wearing surface

**Weight Limits**

Bypass, detour length 0.3 km = 0.2 mi Method to determine inventory rating No rating analysis performed [5] Inventory rating 0 metric ton = 0.0 tons  
 Method to determine operating rating No rating analysis performed [5] Operating rating 0 metric ton = 0.0 tons  
 Bridge posting 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

Serious [3]

Appraisal ratings -  
roadway alignment

Somewhat better than minimum adequacy to tolerate being left in place as is [5]

Condition ratings - substructure

Poor [4]

Appraisal ratings -  
deck geometry

Basically intolerable requiring high priority of replacement [2]

Condition ratings - deck

Serious [3]

Scour

Bridge is scour critical; bridge foundations determined to be unstable. [3]

Channel and channel protection

Bank and embankment protection is severely undermined. River control devices have severe damage. Large deposits of debris are in the channel. [4]

Appraisal ratings - water adequacy

Superior to present desirable criteria [9]

Status evaluation

Structurally deficient [1]

Pier or abutment protection

Sufficiency rating

2

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

May 2009 [0509]

Designated inspection frequency

6

Months

Underwater inspection

Unknown [Y06]

Underwater inspection date

May 2009 [0509]

Fracture critical inspection

Not needed [N]

Fracture critical inspection date

Other special inspection

Every year [Y12]

Other special inspection date

August 2005 [0805]