

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] Easton [21648] CITY OF EASTON 40-41-30 = 40.691667 075-12-18 = - 75.205000
 487302999200050 Highway agency district 5 Owner Local Toll Authority [32] Maintenance responsibility Private (other than railroad) [26]
 Route 22 US 22(ALT)(LR 175) Toll On free road [3] Features intersected DELAWARE RIVER
 Design - main Steel [3] Design - approach Other [00] Kilometerpoint 0 km = 0.0 mi
 3 Truss - Thru [10] 0 Other [00] Year built 1896 Year reconstructed 2002
 Skew angle 0 Structure Flared
 Historical significance Bridge is not eligible for the NRHP. [5]
 Total length 170.7 m = 560.1 ft Length of maximum span 91.4 m = 299.9 ft Deck width, out-to-out 10.1 m = 33.1 ft Bridge roadway width, curb-to-curb 9.8 m = 32.2 ft
 Inventory Route, Total Horizontal Clearance 9.8 m = 32.2 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 Open Grating [3]
 Type of wearing surface
 Deck protection
 Type of membrane/wearing surface

Weight Limits

Bypass, detour length 0.1 km = 0.1 mi Method to determine inventory rating No rating analysis performed [5] Inventory rating 5.4 metric ton = 5.9 tons
 Method to determine operating rating No rating analysis performed [5] Operating rating 10 metric ton = 11.0 tons
 Bridge posting Design Load M 18 / H 20 [4]

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 | Banks are protected or well vegetated. River control devices such as spur dikes and embankment protection are not required or are in a stable condition. [8] | | |
| Appraisal ratings - water adequacy | Equal to present desirable criteria [8] | Status evaluation | |
| Pier or abutment protection | | Sufficiency rating | 20.5 |
| 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 | | | |
| Inspection date | June 2008 [0608] | Designated inspection frequency | 24 Months |
| Underwater inspection | Unknown [Y48] | Underwater inspection date | August 2008 [0808] |
| Fracture critical inspection | Every two years [Y24] | Fracture critical inspection date | June 2008 [0608] |
| Other special inspection | Not needed [N] | Other special inspection date | |