

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] Tinicum [76784] UHLERTOWN PA 40-31-36 = 40.526667 075-03-54 = - 75.065000
 097223999100050 Highway agency district 6 Owner Local Toll Authority [32] Maintenance responsibility Private (other than railroad) [26]
 Route 32 CONNECT PA32&NJ29 Toll On free road [3] Features intersected DELAWARE RV
 Design - main Steel [3] Design - approach Other [00] Kilometerpoint 0 km = 0.0 mi
 6 Truss - Thru [10] 0 Other [00] Year built 1931 Year reconstructed 2001
 Skew angle 0 Structure Flared
 Historical significance Bridge is not eligible for the NRHP. [5]
 Total length 289.9 m = 951.2 ft Length of maximum span 47.5 m = 155.8 ft Deck width, out-to-out 5.6 m = 18.4 ft Bridge roadway width, curb-to-curb 5 m = 16.4 ft
 Inventory Route, Total Horizontal Clearance 5 m = 16.4 ft Curb or sidewalk width - left 1.2 m = 3.9 ft Curb or sidewalk width - right 0 m = 0.0 ft
 Deck structure type Open Grating [3]
 Type of wearing surface Other [9]
 Deck protection
 Type of membrane/wearing surface

Weight Limits

Bypass, detour length 1.1 km = 0.7 mi Method to determine inventory rating Load and Resistance Factor(LRFR) [3] Inventory rating 3.6 metric ton = 4.0 tons
 Method to determine operating rating Load and Resistance Factor(LRFR) [3] Operating rating 4.5 metric ton = 5.0 tons
 Bridge posting Equal to or above legal loads [5] 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

Good [7]

Appraisal ratings -
roadway alignment

Equal to present minimum criteria [6]

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

Better than present minimum criteria [7]

Status evaluation

Pier or abutment protection

Sufficiency rating

11.7

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

September 2008 [0908]

Fracture critical inspection

Every two years [Y24]

Fracture critical inspection date

June 2008 [0608]

Other special inspection

Not needed [N]

Other special inspection date