

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] Upper Makefield [79128] WASHINGTON CROSSING PA 40-17-42 = 40.295000 074-52-06 = - 74.868333

097224999100050 Highway agency district 6 Owner Local Toll Authority [32] Maintenance responsibility Private (other than railroad) [26]

Route 32 CONNECT PA32(LR500 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 1904 Year reconstructed N/A [0000]

Skew angle 0 Structure Flared

Historical significance Bridge is possibly eligible for the NRHP. [3]

Total length 267.3 m = 877.0 ft Length of maximum span 43.6 m = 143.1 ft Deck width, out-to-out 4.8 m = 15.7 ft Bridge roadway width, curb-to-curb 4.6 m = 15.1 ft

Inventory Route, Total Horizontal Clearance 4.6 m = 15.1 ft Curb or sidewalk width - left 0 m = 0.0 ft Curb or sidewalk width - right 1.1 m = 3.6 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 0.8 km = 0.5 mi Method to determine inventory rating No rating analysis performed [5] Inventory rating 2.7 metric ton = 3.0 tons

Method to determine operating rating No rating analysis performed [5] Operating rating 4.5 metric ton = 5.0 tons

Bridge posting Design Load M 9 / H 10 [1]

### 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

Poor [4]

Appraisal ratings -  
roadway alignment

Meets minimum tolerable limits to be left in place as is [4]

Condition ratings - substructure

Poor [4]

Appraisal ratings -  
deck geometry

Basically intolerable requiring high priority of replacement [2]

Condition ratings - deck

Good [7]

Scour

Bridge foundations determined to be stable for assessed or calculated scour condition. [5]

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

Structurally deficient [1]

Pier or abutment protection

Sufficiency rating

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

Traffic safety features - approach guardrail

Inspected feature meets currently acceptable standards. [1]

Traffic safety features - approach guardrail ends

Inspection date

May 2008 [0508]

Designated inspection frequency

24

Months

Underwater inspection

Not needed [N]

Underwater inspection date

Fracture critical inspection

Every two years [Y24]

Fracture critical inspection date

May 2008 [0508]

Other special inspection

Not needed [N]

Other special inspection date