

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]   |  | Chester County [029]                         |  | Spring City [72920]                           |  | SPRING CITY 07K09                                  |  | 40-10-56 = 40.182222   |  | 075-32-45 = - 75.545833 |  |
| 151043003008220   |  | Highway agency district 6                    |  | Owner State Highway Agency [01]               |  | Maintenance responsibility                         |  | State Highway Agency [01]  |  |                         |  |
| Route 0   |  | MAIN ST/BRIDGE ST                            |  | Toll On free road [3]                         |  | Features intersected SCHUYLKILL RIVER              |  |  |  |                         |  |
| Design - main Concrete [1]                                  |  | Design - approach                            |  | Kilometerpoint 132.9 km = 82.4 mi             |  | Year built 1922                                    |  | Year reconstructed N/A [0000]                                    |  |                         |  |
| 3 Arch - Deck [11]  |  | 0 Other [00]                                 |  | Skew angle 0                                  |  | Structure Flared                                   |  | Historical significance Bridge is not eligible for the NRHP. [5] |  |                         |  |
| Total length 105.5 m = 346.1 ft                             |  | Length of maximum span 36.6 m = 120.1 ft     |  | Deck width, out-to-out 13.4 m = 44.0 ft       |  | Bridge roadway width, curb-to-curb 8.9 m = 29.2 ft |  |  |  |                         |  |
| Inventory Route, Total Horizontal Clearance 9.1 m = 29.9 ft |  | Curb or sidewalk width - left 1.5 m = 4.9 ft |  | Curb or sidewalk width - right 1.5 m = 4.9 ft |  |  |  |  |  |                         |  |
| Deck structure type   |  | Concrete Cast-in-Place [1]                   |  |   |  |  |  |  |  |                         |  |
| Type of wearing surface                                     |  | Bituminous [6]                               |  |   |  |  |  |  |  |                         |  |
| Deck protection   |  |  |  |   |  |  |  |  |  |                         |  |
| Type of membrane/wearing surface                            |  |  |  |   |  |  |  |  |  |                         |  |

**Weight Limits**

|                                       |  |                                      |  |                     |  |                   |  |                             |  |
|---------------------------------------|--|--------------------------------------|--|---------------------|--|-------------------|--|-----------------------------|--|
| Bypass, detour length 1.4 km = 0.9 mi |  | Method to determine inventory rating |  | Load Factor(LF) [1] |  | Inventory rating  |  | 20 metric ton = 22.0 tons   |  |
|                                       |  | Method to determine operating rating |  | Load Factor(LF) [1] |  | Operating rating  |  | 32.7 metric ton = 36.0 tons |  |
| Bridge posting                        |  | 30.0 - 39.9 % below [1]              |  | 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

Better than present minimum criteria [7]

Condition ratings - substructure

Fair [5]

Appraisal ratings -  
deck geometry

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

Condition ratings - deck

Satisfactory [6]

Scour

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

Channel and channel protection

Bank protection is being eroded. River control devices and/or embankment have major damage. Trees and rush restrict the channel. [5]

Appraisal ratings - water adequacy

Superior to present desirable criteria [9]

Status evaluation

Structurally deficient [1]

Pier or abutment protection

Sufficiency rating

9.8

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

July 2009 [0709]

Designated inspection frequency

24

Months

Underwater inspection

Every two years [Y24]

Underwater inspection date

May 2005 [0505]

Fracture critical inspection

Not needed [N]

Fracture critical inspection date

Other special inspection

Not needed [N]

Other special inspection date