

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] Washington County [125] Hanover [32440] 2000' EAST OF TR 820 40-26-36 = 40.443333 080-24-42 = - 80.411667  
 627212085940040 Highway agency district 12 Owner County Highway Agency [02] Maintenance responsibility County Highway Agency [02]

Route #Num! STROUD BRIDGE T859 Toll On free road [3] Features intersected BRUSH RUN-BR. RACOON CK

Design - main Steel [3] Design - approach Other [00] Kilometerpoint 0 km = 0.0 mi  
 1 Truss - Thru [10] 0 Other [00] Year built 1904 Year reconstructed N/A [0000]

Skew angle 22 Structure Flared  
 Historical significance Historical significance is not determinable at this time. [4]

Total length 14.3 m = 46.9 ft Length of maximum span 13.1 m = 43.0 ft Deck width, out-to-out 3.7 m = 12.1 ft Bridge roadway width, curb-to-curb 3.4 m = 11.2 ft

Inventory Route, Total Horizontal Clearance 3.4 m = 11.2 ft Curb or sidewalk width - left 0.2 m = 0.7 ft Curb or sidewalk width - right 0.2 m = 0.7 ft

Deck structure type Wood or Timber [8]

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 Allowable Stress(AS) [2] Inventory rating 7.3 metric ton = 8.0 tons  
 Method to determine operating rating Allowable Stress(AS) [2] Operating rating 10 metric ton = 11.0 tons  
 Bridge posting Design Load

### 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

Equal to present minimum criteria [6]

Condition ratings - substructure

Satisfactory [6]

Appraisal ratings -  
deck geometry

Basically intolerable requiring high priority of corrective action [3]

Condition ratings - deck

Fair [5]

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 minimum criteria [6]

Status evaluation

Structurally deficient [1]

Pier or abutment protection

Sufficiency rating

21

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

June 2009 [0609]

Designated inspection frequency

24

Months

Underwater inspection

Not needed [N]

Underwater inspection date

Fracture critical inspection

Not needed [N]

Fracture critical inspection date

Other special inspection

Not needed [N]

Other special inspection date