# HistoricBridges.org - National Bridge Inventory Data Sheet

**2010 Inventory**

The National Bridge Inventory contains data submitted by state transportion 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] | Perry County [099] | Howe [36000] | EAST OF NEWPORT BORO | 40-28-42 = 40.478333 | 077-07-45 = -77.129167 |

| | | | | | |
|---|---|---|---|---|---|
| 500034043011890 | Highway agency district: 8 | Owner: State Highway Agency [01] | Maintenance responsibility: State Highway Agency [01] | | |
| Route: 34 | | PA 34; SR 0034 | Toll: On free road [3] | Features intersected: JUNIATA RIVER | |

| | | | | | |
|---|---|---|---|---|---|
| Design - main: Steel [3] | | Design - approach: | | Kilometerpoint: 2880.6 km = 1786.0 mi | |
| 4 | Truss - Thru [10] | 0 | Other [00] | Year built: 1934 | Year reconstructed: N/A [0000] |
| | | | | Skew angle: 0 | Structure Flared: |
| | | | | Historical significance: Bridge is not eligible for the NRHP. [5] | |

| | | | | | |
|---|---|---|---|---|---|
| Total length: 210.6 m = 691.0 ft | Length of maximum span: 52.4 m = 171.9 ft | Deck width, out-to-out: 9.9 m = 32.5 ft | Bridge roadway width, curb-to-curb: 7 m = 23.0 ft | | |
| Inventory Route, Total Horizontal Clearance: 7 m = 23.0 ft | Curb or sidewalk width - left: 0.2 m = 0.7 ft | Curb or sidewalk width - right: 2.1 m = 6.9 ft | | | |
| Deck structure type: Open Grating [3] | | | | | |
| Type of wearing surface: | | | | | |
| Deck protection: | | | | | |
| Type of membrane/wearing surface: | | | | | |

## Weight Limits

| | | | | | |
|---|---|---|---|---|---|
| Bypass, detour length | Method to determine inventory rating: Load Factor(LF) [1] | | Inventory rating: 24.5 metric ton = 27.0 tons | | |
| 1.9 km = 1.2 mi | Method to determine operating rating: Load Factor(LF) [1] | | Operating rating: 41.7 metric ton = 45.9 tons | | |
| | Bridge posting: Equal to or above legal loads [5] | | Design Load: M 13.5 / H 15 [2] | | |

## Functional Details

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Average Daily Traffic | 9471 | Average daily truck traffi | 6 % | Year | 2009 | Future average daily traffic | 16008 | Year | 2013 |

| | | | | | |
|---|---|---|---|---|---|
| Road classification | Minor Arterial (Rural) [06] | Lanes on structure | 2 | Approach roadway width | 7 m = 23.0 ft |
| Type of service on bridge | Highway-pedestrian [5] | Direction of traffic | 2 - way traffic [2] | Bridge median | |
| Parallel structure designation | No parallel structure exists. [N] | | | | |
| Type of service under bridge | Waterway [5] | Lanes under structure | 0 | Navigation control | |
| Navigation vertical clearanc | 0 = N/A | Navigation horizontal clearance | 0 = N/A | | |
| Minimum navigation vertical clearance, vertical lift bridge | | Minimum vertical clearance over bridge roadway | 4 m = 13.1 ft | | |
| Minimum lateral underclearance reference feature | Feature not a highway or railroad [N] | | | | |
| Minimum lateral underclearance on right | 0 = N/A | Minimum lateral underclearance on left | 0 = N/A | | |
| Minimum Vertical Underclearance | 0 = N/A | Minimum vertical underclearance reference feature | Feature not a highway or railroad [N] | | |
| Appraisal ratings - underclearances | N/A [N] | | | | |

## Repair and Replacement Plans

Type of work to be performed

Other structural work, including hydraulic replacements. [38]

| | | | |
|---|---|---|---|
| Work done by | Work to be done by contract [1] | | |
| Bridge improvement cost | 0 | Roadway improvement cost | 1000 |
| Length of structure improvement | 217 m = 712.0 ft | Total project cost | 4000 |
| Year of improvement cost estimate | | | |
| Border bridge - state | | Border bridge - percent responsibility of other state | |
| Border bridge - structure number | | | |

## Inspection and Sufficiency

| | | | |
|---|---|---|---|
| Structure status | Open, no restriction [A] | Appraisal ratings - structural | Somewhat better than minimum adequacy to tolerate being left in place as is [5] |
| Condition ratings - superstructur | Fair [5] | Appraisal ratings - roadway alignment | Equal to present desirable criteria [8] |
| Condition ratings - substructure | Fair [5] | 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 the assessed or calculated scour condition. [8] |
| Channel and channel protection | Bank is beginning to slump. River control devices and embankment protection have widespread minor damage. There is minor stream bed movement evident. Debris is restricting the channel slightly. [6] |

| | | | |
|---|---|---|---|
| Appraisal ratings - water adequacy | Equal to present desirable criteria [8] | Status evaluation | Functionally obsolete [2] |
| Pier or abutment protection | | Sufficiency rating | 45.8 |

| | |
|---|---|
| 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 | April 2009 [0409] | Designated inspection frequency | 24 | Months |

| | | | |
|---|---|---|---|
| Underwater inspection | Unknown [Y48] | Underwater inspection date | May 2003 [0503] |
| Fracture critical inspection | Unknown [N00] | Fracture critical inspection date | |
| Other special inspection | Not needed [N] | Other special inspection date | |