

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] | | Bradford County [015] | | Wells [82144] | 0.15 MI. S. OF SR 4031 | | 41-57-04 = 41.951111 | 076-53-16 = - 76.887778 | |
| 087233075100370 | | Highway agency district | 3 | Owner | County Highway Agency [02] | | Maintenance responsibility | County Highway Agency [02] | |
| Route | 0 | T-751 (CO.BR.#37) | | Toll | On free road [3] | | Features intersected | | |
| | | | | | | | | BECKWITH CREEK | |
| Design - main | Steel [3] | | Design - approach | | | Kilometerpoint | 0 km = 0.0 mi | | |
| | 1 | Truss - Thru [10] | | 0 | Other [00] | Year built | 1908 | Year reconstructed | 1964 |
| | | | | Skew angle | 16 | Structure Flared | | | |
| | | | | Historical significance | | Bridge is not eligible for the NRHP. [5] | | | |
| Total length | 26.2 m = 86.0 ft | | Length of maximum span | 25.3 m = 83.0 ft | | Deck width, out-to-out | 4.2 m = 13.8 ft | Bridge roadway width, curb-to-curb | 3.8 m = 12.5 ft |
| Inventory Route, Total Horizontal Clearance | 3.8 m = 12.5 ft | | Curb or sidewalk width - left | 0 m = 0.0 ft | | Curb or sidewalk width - right | 0 m = 0.0 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 | Allowable Stress(AS) [2] | Inventory rating | 10.9 metric ton = 12.0 tons |
| 1.4 km = 0.9 mi | Method to determine operating rating | Allowable Stress(AS) [2] | Operating rating | 20.9 metric ton = 23.0 tons |
| Bridge posting | | | Design Load | M 13.5 / H 15 [2] |

Functional Details

| | | | | | | | | | | |
|---|---------------------------------------|----------------------------|-----------------------|---|--|------------------------|------------------------------|-----|------|------|
| Average Daily Traffic | 100 | Average daily truck traffi | 5 | % | Year | 2009 | Future average daily traffic | 155 | Year | 2031 |
| Road classification | Local (Rural) [09] | | Lanes on structure | 1 | | Approach roadway width | 4.9 m = 16.1 ft | | | |
| Type of service on bridge | Highway [1] | | Direction of traffic | One lane bridge for 2 - way traffic [3] | | 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 | 0 m = 0.0 ft | | | | Minimum vertical clearance over bridge roadway | 10 m = 32.8 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 | Work done by | Work to be done by contract [1] | | | | | | | | |
| Replacement of bridge or other structure because of substandard load carrying capacity or substantial bridge roadway geometry. [31] | Bridge improvement cost | 0 | Roadway improvement cost | 0 | | | | | | |
| | Length of structure improvement | 29 m = 95.1 ft | | Total project cost | 1000 | | | | | |
| | 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 | Meets minimum tolerable limits to be left in place as is [4] |
| Condition ratings - superstructure | Fair [5] | Appraisal ratings - roadway alignment | Equal to present minimum criteria [6] |
| Condition ratings - substructure | Poor [4] | Appraisal ratings - deck geometry | Meets minimum tolerable limits to be left in place as is [4] |
| 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 | Better than present minimum criteria [7] | Status evaluation | Structurally deficient [1] |
| Pier or abutment protection | | Sufficiency rating | 25.5 |
| 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 | August 2009 [0809] | Designated inspection frequency | 12 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 | |