

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] Adams County [001] Huntington [36424] 2 MI. N.E. OF HEIDLEERSBRG 39-58-20 = 39.972222 077-07-03 = - 77.117500
 011009005004960 Highway agency district 8 Owner State Highway Agency [01] Maintenance responsibility State Highway Agency [01]
 Route 0 SR 1009 Toll On free road [3] Features intersected BERMUDIAN CREEK
 Design - main Steel [3] Design - approach Other [00] Kilometerpoint 291.8 km = 180.9 mi
 1 Truss - Thru [10] 0 Other [00] Year built 1896 Year reconstructed 1960
 Skew angle 0 Structure Flared
 Historical significance Bridge is eligible for the NRHP. [2]
 Total length 28.3 m = 92.9 ft Length of maximum span 26.8 m = 87.9 ft Deck width, out-to-out 4.2 m = 13.8 ft Bridge roadway width, curb-to-curb 3.9 m = 12.8 ft
 Inventory Route, Total Horizontal Clearance 3.9 m = 12.8 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 Open Grating [3]
 Type of wearing surface
 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 11.8 metric ton = 13.0 tons
 Method to determine operating rating Load Factor(LF) [1] Operating rating 19.1 metric ton = 21.0 tons
 Bridge posting 30.0 - 39.9 % below [1] Design Load M 13.5 / H 15 [2]

Functional Details

| | | | | | | | | | | |
|---|---------------------------------------|----------------------------|---|---|------|--|------------------------------|-----|------|------|
| Average Daily Traffic | 293 | Average daily truck traffi | 3 | % | Year | 2010 | Future average daily traffic | 322 | Year | 2014 |
| Road classification | Local (Rural) [09] | | Lanes on structure | 1 | | Approach roadway width | 5.5 m = 18.0 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 | | | | | | Minimum vertical clearance over bridge roadway | 3.76 m = 12.3 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 | 36 m = 118.1 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 | <input type="text" value="Posted for load [P]"/> | Appraisal ratings - structural | <input type="text" value="Basically intolerable requiring high priority of replacement [2]"/> |
| Condition ratings - superstructure | <input type="text" value="Critical [2]"/> | Appraisal ratings - roadway alignment | <input type="text" value="Meets minimum tolerable limits to be left in place as is [4]"/> |
| Condition ratings - substructure | <input type="text" value="Fair [5]"/> | Appraisal ratings - deck geometry | <input type="text" value="Basically intolerable requiring high priority of replacement [2]"/> |
| Condition ratings - deck | <input type="text" value="Fair [5]"/> | | |
| Scour | <input type="text" value="Bridge foundations determined to be stable for assessed or calculated scour condition. [5]"/> | | |
| Channel and channel protection | <input type="text" value="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 | <input type="text" value="Somewhat better than minimum adequacy to tolerate being left in place as is [5]"/> | Status evaluation | <input type="text" value="Structurally deficient [1]"/> |
| Pier or abutment protection | <input type="text"/> | Sufficiency rating | <input type="text" value="1"/> |
| Culverts | <input type="text" value="Not applicable. Used if structure is not a culvert. [N]"/> | | |
| Traffic safety features - railings | <input type="text"/> | | |
| Traffic safety features - transitions | <input type="text"/> | | |
| Traffic safety features - approach guardrail | <input type="text"/> | | |
| Traffic safety features - approach guardrail ends | <input type="text"/> | | |
| Inspection date | <input type="text" value="April 2009 [0409]"/> | Designated inspection frequency | <input type="text" value="12"/> Months |
| Underwater inspection | <input type="text" value="Every two years [Y24]"/> | Underwater inspection date | <input type="text" value="September 2005 [0905]"/> |
| Fracture critical inspection | <input type="text" value="Not needed [N]"/> | Fracture critical inspection date | <input type="text"/> |
| Other special inspection | <input type="text" value="Not needed [N]"/> | Other special inspection date | <input type="text"/> |