

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

West Virginia [54] Monongalia County [061] Unknown [00000] 0.21 MI SOUTH CO RT 69/8 39-40-00 = 39.666667 079-51-42 = 79.861667

00000000031A150 Highway agency district 4 Owner State Highway Agency [01] Maintenance responsibility State Highway Agency [01]

Route 85700 MON CO RT 857 Toll On free road [3] Features intersected CHEAT LAKE

Design - main Steel [3] Design - approach Steel [3] Kilometerpoint 1639.6 km = 1016.6 mi

2 Truss - Thru [10] 2 Truss - Thru [10] Year built 1922 Year reconstructed N/A [0000]

Skew angle 0 Structure Flared

Historical significance Historical significance is not determinable at this time. [4]

Total length 252.4 m = 828.1 ft Length of maximum span 78.9 m = 258.9 ft Deck width, out-to-out 5.5 m = 18.0 ft Bridge roadway width, curb-to-curb 5.5 m = 18.0 ft

Inventory Route, Total Horizontal Clearance 5.4 m = 17.7 ft Curb or sidewalk width - left 0 m = 0.0 ft Curb or sidewalk width - right 1.5 m = 4.9 ft

Deck structure type Open Grating [3]

Type of wearing surface Other [9]

Deck protection

Type of membrane/wearing surface

Weight Limits

Bypass, detour length 0.2 km = 0.1 mi Method to determine inventory rating Allowable Stress(AS) [2] Inventory rating 7.2 metric ton = 7.9 tons

Method to determine operating rating Allowable Stress(AS) [2] Operating rating 10.8 metric ton = 11.9 tons

Bridge posting Design Load

Functional Details

| | | | | | | | | | | |
|---|---------------------------------------|----------------------------|---|---------------------------------------|--|---------|------------------------------|------|------|------|
| Average Daily Traffic | 6500 | Average daily truck traffi | 6 | % | Year | 2008 | Future average daily traffic | 9700 | Year | 2028 |
| Road classification | Collector (Urban) [17] | Lanes on structure | 2 | Approach roadway width | 6.7 m = 22.0 ft | | | | | |
| Type of service on bridge | Highway [1] | 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 | 3.45 m = 11.3 ft | | | | | | |
| Minimum lateral underclearance reference feature | Feature not a highway or railroad [N] | | | | | | | | | |
| Minimum lateral underclearance on right | 99.9 = Unlimited | | | | 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 | 2126000 | Roadway improvement cost | 999000 | | | | | | |
| | Length of structure improvement | 260.3 m = 854.0 ft | | Total project cost | 3788000 | | | | | |
| | Year of improvement cost estimate | 2008 | | | | | | | | |
| | 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 replacement [2] |
| Condition ratings - superstructure | Serious [3] | Appraisal ratings - roadway alignment | Basically intolerable requiring high priority of replacement [2] |
| Condition ratings - substructure | Fair [5] | Appraisal ratings - deck geometry | Basically intolerable requiring high priority of replacement [2] |
| Condition ratings - deck | Fair [5] | | |
| Scour | Bridge foundations determined to be stable for the assessed or calculated scour condition. [8] | | |
| 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 | Superior to present desirable criteria [9] | Status evaluation | Structurally deficient [1] |
| Pier or abutment protection | | Sufficiency rating | 0 |
| 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 | September 2010 [0910] | Designated inspection frequency | 12 Months |
| Underwater inspection | Unknown [Y60] | Underwater inspection date | August 2008 [0808] |
| Fracture critical inspection | Every year [Y12] | Fracture critical inspection date | September 2010 [0910] |
| Other special inspection | Unknown [N00] | Other special inspection date | |