

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

| | | | | | |
|--|---|--|--|-------------------------|---------------------------|
| Tennessee [47] | Carter County [019] | Elizabethton [23500] | IN ELIZABETHTON | 36-20-54.80 = 36.348556 | 082-12-43.10 = -82.211972 |
| 10M39390001 | Highway agency district: 1 | Owner City or Municipal Highway Agency [04] | Maintenance responsibility City or Municipal Highway Agency [04] | | |
| Route 3939 | FAU 3939 | Toll On free road [3] | Features intersected DOE RIVER | | |
| Design - main Concrete [1] | Design - approach | Kilometerpoint 17.7 km = 11.0 mi | Year built 1926 | Year reconstructed 2004 | |
| 3 Arch - Deck [11] | 0 Other [00] | Skew angle 0 | Structure Flared | | |
| | | Historical significance | Bridge is on the NRHP. [1] | | |
| Total length 71.4 m = 234.3 ft | Length of maximum span 23.9 m = 78.4 ft | Deck width, out-to-out 24.5 m = 80.4 ft | Bridge roadway width, curb-to-curb 16.3 m = 53.5 ft | | |
| Inventory Route, Total Horizontal Clearance 16.3 m = 53.5 ft | Curb or sidewalk width - left 3.6 m = 11.8 ft | Curb or sidewalk width - right 3.6 m = 11.8 ft | | | |
| Deck structure type | Not applicable [N] | | | | |
| Type of wearing surface | Bituminous [6] | | | | |
| Deck protection | | | | | |
| Type of membrane/wearing surface | | | | | |

Weight Limits

| | | | | |
|---------------------------------------|--------------------------------------|-------------|-------------------|-----------------------------|
| Bypass, detour length 0.3 km = 0.2 mi | Method to determine inventory rating | Unknown [A] | Inventory rating | 32.4 metric ton = 35.6 tons |
| | Method to determine operating rating | Unknown [A] | Operating rating | 44.1 metric ton = 48.5 tons |
| Bridge posting | Equal to or above legal loads [5] | Design Load | MS 18 / HS 20 [5] | |

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 | Open, no restriction [A] | Appraisal ratings - structural | Equal to present minimum criteria [6] |
| Condition ratings - superstructure | Good [7] | Appraisal ratings - roadway alignment | Better than present minimum criteria [7] |
| Condition ratings - substructure | Satisfactory [6] | 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 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 | Better than present minimum criteria [7] | Status evaluation | |
| Pier or abutment protection | | Sufficiency rating | 85.1 |
| Culverts | Not applicable. Used if structure is not a culvert. [N] | | |
| Traffic safety features - railings | Inspected feature meets currently acceptable standards. [1] | | |
| Traffic safety features - transitions | | | |
| Traffic safety features - approach guardrail | | | |
| Traffic safety features - approach guardrail ends | | | |
| Inspection date | September 2017 [0917] | 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 | |