

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

| | | | | | |
|---|--|---|--|-------------------------------|---------------------------|
| North Carolina [37] | Avery County [011] | Unknown [00000] | 50 FT.W.JCT.SR1305 | 36-10-48.84 = 36.180233 | 081-57-50.60 = -81.964056 |
| 110125 | Highway agency district: 11 | Owner State Highway Agency [01] | Maintenance responsibility State Highway Agency [01] | | |
| Route 1306 | SR1306 | Toll On free road [3] | Features intersected ELK RIVER | | |
| Design - main Steel [3] | Design - approach | Kilometerpoint 0 km = 0.0 mi | Year built 1932 | Year reconstructed N/A [0000] | |
| 1 Truss - Thru [10] | 1 Other [00] | Skew angle 0 | Structure Flared | | |
| | | Historical significance | Bridge is not eligible for the NRHP. [5] | | |
| Total length 40.5 m = 132.9 ft | Length of maximum span 30.5 m = 100.1 ft | Deck width, out-to-out 3.7 m = 12.1 ft | Bridge roadway width, curb-to-curb 3.4 m = 11.2 ft | | |
| Inventory Route, Total Horizontal Clearance 3.4 m = 11.2 ft | Curb or sidewalk width - left 0.1 m = 0.3 ft | Curb or sidewalk width - right 0.1 m = 0.3 ft | | | |
| Deck structure type | Wood or Timber [8] | | | | |
| Type of wearing surface | Bituminous [6] | | | | |
| Deck protection | | | | | |
| Type of membrane/wearing surface | | | | | |

Weight Limits

| | | | | |
|--|--------------------------------------|---------------------|------------------|-----------------------------|
| Bypass, detour length 15.9 km = 9.9 mi | Method to determine inventory rating | Load Factor(LF) [1] | Inventory rating | 3.6 metric ton = 4.0 tons |
| | Method to determine operating rating | Load Factor(LF) [1] | Operating rating | 12.7 metric ton = 14.0 tons |
| Bridge posting | | Design Load | M 9 / H 10 [1] | |

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 | Posted for load [P] | Appraisal ratings - structural | Basically intolerable requiring high priority of corrective action [3] |
| Condition ratings - superstructure | Satisfactory [6] | Appraisal ratings - roadway alignment | Better than present minimum criteria [7] |
| Condition ratings - substructure | Good [7] | Appraisal ratings - deck geometry | Basically intolerable requiring high priority of corrective action [3] |
| Condition ratings - deck | Very Good [8] | | |
| Scour | Bridge with "unknown" foundation that has not been evaluated for scour. [U] | | |
| 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 | Functionally obsolete [2] |
| Pier or abutment protection | Navigation protection not required [1] | Sufficiency rating | 20.1 |
| 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 2016 [0916] | Designated inspection frequency | 24 Months |
| Underwater inspection | Not needed [N] | Underwater inspection date | |
| Fracture critical inspection | Every two years [Y24] | Fracture critical inspection date | September 2016 [0916] |
| Other special inspection | Not needed [N] | Other special inspection date | |