

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

| | | | | | |
|---|--|---|--|--|---------------------------|
| Alabama [01] | Chilton County [021] | Unknown [00000] | CHILTON * COOSA CO LINE | 32-47-52.14 = 32.797817 | 086-26-08.70 = -86.435750 |
| 6225 | Highway agency district: 5 | Owner State Highway Agency [01] | Maintenance responsibility State Highway Agency [01] | | |
| Route 22 | SR 22 | Toll On free road [3] | Features intersected COOSA RIVER | | |
| Design - main Steel continuous [4] | Design - approach Steel [3] | Kilometerpoint 13029.2 km = 8078.1 mi | Year built 1958 | Year reconstructed N/A [0000] | |
| 3 | Truss - Deck [09] | 3 | Stringer/Multi-beam or girder [02] | Skew angle 0 | Structure Flared |
| | | | Historical significance | Bridge is not eligible for the NRHP. [5] | |
| Total length 277.4 m = 910.1 ft | Length of maximum span 91.4 m = 299.9 ft | Deck width, out-to-out 10 m = 32.8 ft | Bridge roadway width, curb-to-curb 7.9 m = 25.9 ft | | |
| Inventory Route, Total Horizontal Clearance 7.9 m = 25.9 ft | Curb or sidewalk width - left 0.8 m = 2.6 ft | Curb or sidewalk width - right 0.8 m = 2.6 ft | | | |
| Deck structure type | Concrete Cast-in-Place [1] | | | | |
| Type of wearing surface | | | | | |
| Deck protection | | | | | |
| Type of membrane/wearing surface | | | | | |

Weight Limits

| | | | | |
|---------------------------------------|--------------------------------------|---------------------|------------------|-----------------------------|
| Bypass, detour length 7.9 km = 4.9 mi | Method to determine inventory rating | Load Factor(LF) [1] | Inventory rating | 20 metric ton = 22.0 tons |
| | Method to determine operating rating | Load Factor(LF) [1] | Operating rating | 33.5 metric ton = 36.9 tons |
| Bridge posting | Equal to or above legal loads [5] | | Design Load | M 18 / H 20 [4] |

Functional Details

| | | | | | | | | | | |
|---|---------------------------------------|----------------------------|---|---------------------------------------|--|------------------------|------------------------------|------|------|------|
| Average Daily Traffic | 1450 | Average daily truck traffi | 13 | % | Year | 2013 | Future average daily traffic | 1759 | Year | 2033 |
| Road classification | Minor Arterial (Rural) [06] | | Lanes on structure | 2 | | Approach roadway width | 9.1 m = 29.9 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 | 0 m = 0.0 ft | | | | Minimum vertical clearance over bridge roadway | 99.99 m = 328.1 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] | | | | | | | | |
| Widening of existing bridge or other major structure without deck rehabilitation or replacement [33] | Bridge improvement cost | 6086000 | Roadway improvement cost | 609000 | | | | | | |
| | Length of structure improvement | 277.4 m = 910.1 ft | | Total project cost | 6695000 | | | | | |
| | Year of improvement cost estimate | 2019 | | | | | | | | |
| | Border bridge - state | | Border bridge - percent responsibility of other state | | | | | | | |
| | Border bridge - structure number | - | | | | | | | | |

Inspection and Sufficiency

| | | | |
|---|--|---------------------------------------|--|
| Structure status | <input type="text" value="Open, no restriction [A]"/> | Appraisal ratings - structural | <input type="text" value="Somewhat better than minimum adequacy to tolerate being left in place as is [5]"/> |
| Condition ratings - superstructure | <input type="text" value="Fair [5]"/> | Appraisal ratings - roadway alignment | <input type="text" value="Somewhat better than minimum adequacy to tolerate being left in place as is [5]"/> |
| Condition ratings - substructure | <input type="text" value="Fair [5]"/> | Appraisal ratings - deck geometry | <input type="text" value="Meets minimum tolerable limits to be left in place as is [4]"/> |
| Condition ratings - deck | <input type="text" value="Satisfactory [6]"/> | | |
| Scour | <input type="text" value="Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]"/> | | |
| Channel and channel protection | <input type="text" value="Bank is beginning to slump. River control devices and embankment protection have widespread minor damage. There is minor stream bed movement evident. Debris is restricting the channel slightly. [6]"/> | | |
| Appraisal ratings - water adequacy | <input type="text" value="Equal to present desirable criteria [8]"/> | Status evaluation | <input type="text"/> |
| Pier or abutment protection | <input type="text"/> | Sufficiency rating | <input type="text" value="45.9"/> |
| 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="February 2018 [0218]"/> | Designated inspection frequency | <input type="text" value="24"/> Months |
| Underwater inspection | <input type="text" value="Every two years [Y24]"/> | Underwater inspection date | <input type="text" value="July 2018 [0718]"/> |
| Fracture critical inspection | <input type="text" value="Every two years [Y24]"/> | Fracture critical inspection date | <input type="text" value="February 2018 [0218]"/> |
| Other special inspection | <input type="text" value="Not needed [N]"/> | Other special inspection date | <input type="text"/> |