# HistoricBridges.org - National Bridge Inventory Data Sheet

**2015 Inventory**

The National Bridge Inventory contains data submitted by state transportion 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

| | | | | | |
|---|---|---|---|---|---|
| Arkansas [05] | Cleburne County [023] | Unknown [27900] | 2.4 MI E JCT OF SH 92 | 35-33-48.60 = 3 | 092-11-34.90 = -9 |

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|---|---|---|---|---|---|
| 3300 | Highway agency district: 5 | Owner: State Highway Agency [01] | Maintenance responsibility: State Highway Agency [01] | | |

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|---|---|---|---|---|---|
| Route: 16 | | SH 16 | Toll: On free road [3] | Features intersected: LITTLE RED RIVER GFL | |

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|---|---|---|---|---|---|
| Design - main: Steel continuous [4] | Design - approach: Steel [3] | Kilometerpoint: 1259.5 km = 780.9 mi | | | |
| 3: Truss - Thru [10] | 4: Stringer/Multi-beam or girder [02] | Year built: 1961 | Year reconstructed: | | |
| | | Skew angle: 0 | Structure Flared: | | |
| | | Historical significance: Bridge is on the NRHP. [1] | | | |

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|---|---|---|---|---|---|
| Total length: 335.9 m = 1102.1 ft | Length of maximum span: 106.7 m = 350.1 ft | Deck width, out-to-out: 8.4 m = 27.6 ft | Bridge roadway width, curb-to-curb: 7.3 m = 24.0 ft | | |
| Inventory Route, Total Horizontal Clearance: 8.3 m = 27.2 ft | Curb or sidewalk width - left: 0.5 m = 1.6 ft | Curb or sidewalk width - right: 0.5 m = 1.6 ft | | | |

| | |
|---|---|
| Deck structure type | Concrete Cast-in-Place [1] |
| Type of wearing surface | Monolithic Concrete (concurrently placed with structural deck) [1] |
| Deck protection | |
| Type of membrane/wearing surface | |

## Weight Limits

| | | | | | |
|---|---|---|---|---|---|
| Bypass, detour length: 6.4 km = 4.0 mi | Method to determine inventory rating: Load Factor(LF) [1] | Inventory rating: 19 metric ton = 20.9 tons | | | |
| | Method to determine operating rating: Load Factor(LF) [1] | Operating rating: 31.7 metric ton = 34.9 tons | | | |
| | Bridge posting: Equal to or above legal loads [5] | Design Load: M 13.5 / H 15 [2] | | | |

## Functional Details

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Average Daily Traffic | 5200 | Average daily truck traffi | 1 % | Year | 2014 | Future average daily traffic | 7958 |
| Year | 2028 | | | | | | |

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|---|---|---|---|---|---|
| Road classification | Major Collector (Rural) [07] | Lanes on structure | 2 | Approach roadway width | 10.1 m = 33.1 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 | 4.92 m = 16.1 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

Replacement of bridge or other structure because of substandard load carrying capacity or substantial bridge roadway geometry. [31]

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|---|---|---|---|
| Work done by | Work to be done by contract [1] | | |
| Bridge improvement cost | 0 | Roadway improvement cost | 265000 |
| Length of structure improvement | 347.5 m = 1140.1 ft | Total project cost | 3988000 |
| 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 | Meets minimum tolerable limits to be left in place as is [4] |
| Condition ratings - superstructure | Good [7] | Appraisal ratings - roadway alignment | Equal to present desirable criteria [8] |
| Condition ratings - substructure | Very Good [8] | Appraisal ratings - deck geometry | Basically intolerable requiring high priority of replacement [2] |
| Condition ratings - deck | Good [7] | | |

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|---|---|
| Scour | Bridge foundations determined to be stable for the assessed or calculated scour condition. [8] |
| Channel and channel protection | Banks are protected or well vegetated. River control devices such as spur dikes and embankment protection are not required or are in a stable condition. [8] |

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|---|---|---|---|
| Appraisal ratings - water adequacy | Equal to present desirable criteria [8] | Status evaluation | Functionally obsolete [2] |
| Pier or abutment protection | Navigation protection not required [1] | Sufficiency rating | 48 |

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| 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 | |

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|---|---|---|---|---|---|
| Inspection date | October 2014 [1014] | Designated inspection frequency | 24 | Months | |
| Underwater inspection | Unknown [Y60] | | | Underwater inspection date | August 2013 [0813] |
| Fracture critical inspection | Every year [Y12] | | | Fracture critical inspection date | October 2014 [1014] |
| Other special inspection | Not needed [N] | | | Other special inspection date | |