

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

| | | | | | |
|---|--|--|--|-------------------------------|---------------------------|
| Oklahoma [40] | Tulsa County [143] | Unknown [00000] | 106TH N. .8E OF PEORIA AV | 36-18-27.13 = 36.307536 | 095-57-35.83 = -95.959953 |
| 003310000000000 | Highway agency district: 8 | Owner County Highway Agency [02] | Maintenance responsibility | County Highway Agency [02] | |
| Route #Num! | 7220C(106 ST. N) | Toll On free road [3] | Features intersected BIRD CREEK | | |
| Design - main Steel [3] | Design - approach Steel [3] | Kilometerpoint 289.6 km = 179.6 mi | Year built 1912 | Year reconstructed N/A [0000] | |
| 1 Truss - Thru [10] | 4 Stringer/Multi-beam or girder [02] | Skew angle 0 | Structure Flared | | |
| | | Historical significance Bridge is eligible for the NRHP. [2] | | | |
| Total length 80.2 m = 263.1 ft | Length of maximum span 58 m = 190.3 ft | Deck width, out-to-out 4.6 m = 15.1 ft | Bridge roadway width, curb-to-curb 4.5 m = 14.8 ft | | |
| Inventory Route, Total Horizontal Clearance 4.6 m = 15.1 ft | Curb or sidewalk width - left 0 m = 0.0 ft | Curb or sidewalk width - right 0 m = 0.0 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 0.5 km = 0.3 mi | Method to determine inventory rating | Allowable Stress(AS) [2] | Inventory rating | 7.3 metric ton = 8.0 tons |
| | Method to determine operating rating | Allowable Stress(AS) [2] | Operating rating | 10.9 metric ton = 12.0 tons |
| Bridge posting | | | Design Load | |

Functional Details

| | | | | | | | | | | |
|---|---------------------------------------|----------------------------|---|---|--|------------------------|------------------------------|------|------|------|
| Average Daily Traffic | 1331 | Average daily truck traffi | 10 | % | Year | 2013 | Future average daily traffic | 2130 | Year | 2033 |
| Road classification | Local (Rural) [09] | | Lanes on structure | 1 | | Approach roadway width | 6.1 m = 20.0 ft | | | |
| Type of service on bridge | Highway [1] | | Direction of traffic | One lane bridge for 2 - way traffic [3] | | 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 | 4.72 m = 15.5 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] | | | | | | | | |
| Replacement of bridge or other structure because of substandard load carrying capacity or substantial bridge roadway geometry. [31] | Bridge improvement cost | 266000 | Roadway improvement cost | 146000 | | | | | | |
| | Length of structure improvement | 104 m = 341.2 ft | | Total project cost | 423000 | | | | | |
| | Year of improvement cost estimate | 2009 | | | | | | | | |
| | 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 | Poor [4] | 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 assessed or calculated scour condition. [5] | | |
| Channel and channel protection | Bank protection is being eroded. River control devices and/or embankment have major damage. Trees and rush restrict the channel. [5] | | |
| Appraisal ratings - water adequacy | Somewhat better than minimum adequacy to tolerate being left in place as is [5] | Status evaluation | Structurally deficient [1] |
| Pier or abutment protection | Navigation protection not required [1] | Sufficiency rating | 3.7 |
| 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 | Inspected feature meets currently acceptable standards. [1] | | |
| Traffic safety features - approach guardrail ends | Inspected feature meets currently acceptable standards. [1] | | |
| Inspection date | July 2014 [0714] | Designated inspection frequency | 12 Months |
| Underwater inspection | Not needed [N] | Underwater inspection date | |
| Fracture critical inspection | Every year [Y12] | Fracture critical inspection date | July 2014 [0714] |
| Other special inspection | Every year [Y12] | Other special inspection date | January 2014 [0114] |