

HistoricBridges.org - National Bridge Inventory Data Sheet

2011 Inventory

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

| | | | | | |
|---|--|---------------------------------|----------------------------|------------------------------------|---|
| Texas [48] | Falls County [145] | Unknown [00000] | 1.05 MI S OF SH 7 | 31-16-53 = 31.281389 | 097-15-33 = - 97.259167 |
| 90740001503160 | Highway agency district 9 | Owner State Highway Agency [01] | Maintenance responsibility | State Highway Agency [01] | |
| Route 0 | | OLD BLEVINS RD | Toll On free road [3] | Features intersected IH 35 | |
| Design - main | Concrete continuous [2] | Design - approach | Concrete continuous [2] | Kilometerpoint | 1.6 km = 1.0 mi |
| 2 | Tee beam [04] | 2 | Tee beam [04] | Year built | 1958 |
| | | | | Year reconstructed | N/A [0000] |
| | | | | Skew angle | 0 |
| | | | | Structure Flared | |
| | | | | Historical significance | Historical significance is not determinable at this time. [4] |
| Total length | 64.6 m = 212.0 ft | Length of maximum span | 18.3 m = 60.0 ft | Deck width, out-to-out | 10.5 m = 34.5 ft |
| | | | | Bridge roadway width, curb-to-curb | 9.1 m = 29.9 ft |
| Inventory Route, Total Horizontal Clearance | 9 m = 29.5 ft | Curb or sidewalk width - left | 0 m = 0.0 ft | Curb or sidewalk width - right | 0 m = 0.0 ft |
| Deck structure type | Concrete Cast-in-Place [1] | | | | |
| Type of wearing surface | Monolithic Concrete (concurrently placed with structural deck) [1] | | | | |
| Deck protection | Unknown [8] | | | | |
| Type of membrane/wearing surface | Unknown [8] | | | | |

Weight Limits

| | | | | |
|-----------------------|--------------------------------------|-----------------------------------|------------------|-----------------------------|
| Bypass, detour length | Method to determine inventory rating | Load Factor(LF) [1] | Inventory rating | 25.4 metric ton = 27.9 tons |
| 0.3 km = 0.2 mi | Method to determine operating rating | Load Factor(LF) [1] | Operating rating | 41.7 metric ton = 45.9 tons |
| | Bridge posting | Equal to or above legal loads [5] | Design Load | M 18 / H 20 [4] |

Functional Details

| | | | | | | | | | | |
|---|--|----------------------------|---|-------------------------------|------|--|----------------------------------|-----|------|------|
| Average Daily Traffic | 50 | Average daily truck traffi | | % | Year | 2009 | Future average daily traffic | 110 | Year | 2028 |
| Road classification | Local (Rural) [09] | | 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 | Highway, with or without ped | | Lanes under structure | 4 | | Navigation control | Not applicable, no waterway. [N] | | | |
| Navigation vertical clearanc | 0 = N/A | | Navigation horizontal clearance | 0 = N/A | | | | | | |
| Minimum navigation vertical clearance, vertical lift bridge | | | Minimum vertical clearance over bridge roadway | 99.99 m = 328.1 ft | | | | | | |
| Minimum lateral underclearance reference feature | Highway beneath structure [H] | | | | | | | | | |
| Minimum lateral underclearance on right | 4.4 m = 14.4 ft | | | | | Minimum lateral underclearance on left | 1.2 m = 3.9 ft | | | |
| Minimum Vertical Underclearance | 4.7 m = 15.4 ft | | Minimum vertical underclearance reference feature | Highway beneath structure [H] | | | | | | |
| Appraisal ratings - underclearances | Meets minimum tolerable limits to be left in place as is [4] | | | | | | | | | |

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 | 800000 | Roadway improvement cost | 200000 |
| | Length of structure improvement | 82.3 m = 270.0 ft | Total project cost | 1200000 |
| | Year of improvement cost estimate | 2008 | | |
| | 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 | Equal to present desirable criteria [8] |
| Condition ratings - substructure | Satisfactory [6] | Appraisal ratings - deck geometry | Better than present minimum criteria [7] |
| Condition ratings - deck | Satisfactory [6] | | |
| Scour | Bridge not over waterway. [N] | | |
| Channel and channel protection | Not applicable. [N] | | |
| Appraisal ratings - water adequacy | N/A [N] | Status evaluation | |
| Pier or abutment protection | | Sufficiency rating | 89 |
| 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 | December 2010 [1210] | 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 | |