# HistoricBridges.org - National Bridge Inventory Data Sheet

**2019 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

| | | | | | |
|---|---|---|---|---|---|
| Texas [48] | Tarrant County [439] | Fort Worth [27000] | 0.2 MI N WEATHERFORD ST. | 32-45-31.08 = 32.758633 | 097-20-01.82 = -97.333839 |

| | | | | | |
|---|---|---|---|---|---|
| 22200001401325 | Highway agency district: 2 | Owner: State Highway Agency [01] | Maintenance responsibility: City or Municipal Highway Agency [04] | | |
| Route: 287 | | BU 287P(N MAIN ST) | Toll: On free road [3] | Features intersected: TRINITY RIVER | |

| | | | | | |
|---|---|---|---|---|---|
| Design - main: Concrete [1] | Design - approach: Concrete [1] | Kilometerpoint: 2790.2 km = 1729.9 mi | | | |
| 3 | Arch - Deck [11] | 13 | Arch - Deck [11] | Year built: 1914 | Year reconstructed: N/A [0000] |
| | | | | Skew angle: 0 | Structure Flared: |
| | | | | Historical significance: Bridge is on the NRHP. [1] | |

| | | | | | |
|---|---|---|---|---|---|
| Total length: 402 m = 1319.0 ft | Length of maximum span: 68.6 m = 225.1 ft | Deck width, out-to-out: 21.3 m = 69.9 ft | Bridge roadway width, curb-to-curb: 16.5 m = 54.1 ft | | |
| Inventory Route, Total Horizontal Clearance: 16.5 m = 54.1 ft | Curb or sidewalk width - left: 2.4 m = 7.9 ft | Curb or sidewalk width - right: 2.4 m = 7.9 ft | | | |

| | |
|---|---|
| Deck structure type | Concrete Cast-in-Place [1] |
| Type of wearing surface | Bituminous [6] |
| 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: 32.7 metric ton = 36.0 tons | | |
| 1 km = 0.6 mi | Method to determine operating rating: Load Factor(LF) [1] | | Operating rating: 44.4 metric ton = 48.8 tons | | |
| | Bridge posting: Equal to or above legal loads [5] | | Design Load: | | |

## Functional Details

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Average Daily Traffic | 13680 | Average daily truck traffi | 10 % | Year | 2013 | Future average daily traffic | 19160 | Year | 2033 |

| | | | | | |
|---|---|---|---|---|---|
| Road classification | Other Principal Arterial (Urban) [14] | Lanes on structure | 4 | Approach roadway width | 16.5 m = 54.1 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 | | 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 | 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]

| | | | |
|---|---|---|---|
| Work done by | Work to be done by contract [1] | | |
| Bridge improvement cost | 2085000 | Roadway improvement cost | 521000 |
| Length of structure improvement | 412.4 m = 1353.1 ft | Total project cost | 2606000 |
| 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 | Equal to present minimum criteria [6] |
| Condition ratings - superstructure | Satisfactory [6] | Appraisal ratings - roadway alignment | Better than present minimum criteria [7] |
| Condition ratings - substructure | Satisfactory [6] | Appraisal ratings - deck geometry | Meets minimum tolerable limits to be left in place as is [4] |
| Condition ratings - deck | Satisfactory [6] | | |

| | |
|---|---|
| Scour | Bridge is scour critical; bridge foundations determined to be unstable. [3] |
| 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] |

| | | | |
|---|---|---|---|
| Appraisal ratings - water adequacy | Superior to present desirable criteria [9] | Status evaluation | |
| Pier or abutment protection | | Sufficiency rating | 75 |

| | |
|---|---|
| Culverts | Not applicable. Used if structure is not a culvert. [N] |

| | |
|---|---|
| Traffic safety features - railings | Inpected feature meets currently acceptable standards. [1] |
| Traffic safety features - transitions | Inpected feature meets currently acceptable standards. [1] |
| Traffic safety features - approach guardrail | Inpected feature meets currently acceptable standards. [1] |
| Traffic safety features - approach guardrail ends | Inpected feature meets currently acceptable standards. [1] |

| | | | | |
|---|---|---|---|---|
| Inspection date | March 2018 [0318] | Designated inspection frequency | 24 | Months |

| | | | |
|---|---|---|---|
| Underwater inspection | Unknown [Y60] | Underwater inspection date | August 2014 [0814] |
| Fracture critical inspection | Not needed [N] | Fracture critical inspection date | |
| Other special inspection | Not needed [N] | Other special inspection date | |