# HistoricBridges.org - National Bridge Inventory Data Sheet

**1992 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

| | | | | | |
|---|---|---|---|---|---|
| Indiana [18] | Owen County [119] | Unknown [00000] | L-7 | 00-00-00 = 0.000000 | 000-00-00 = -0.000000 |

| | | | | | |
|---|---|---|---|---|---|
| 6000009 | Highway agency district 5 | Owner | County Highway Agency [02] | Maintenance responsibility | County Highway Agency [02] |

| | | | | | |
|---|---|---|---|---|---|
| Route 331 | | CO RD 331 | Toll | On free road [3] | Features intersected WHITE RIVER |

| | | | | | |
|---|---|---|---|---|---|
| Design - main | Steel [3] | Design - approach | | Kilometerpoint | |
| 1 | Truss - Thru [10] | 0 | Other [00] | Year built 1920 | Year reconstructed #Num! |
| | | | | Skew angle 0 | Structure Flared |
| | | | | Historical significance | Bridge is possibly eligible for the NRHP. [3] |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Total length | 98.5 m = 323.2 ft | Length of maximum span | 97.5 m = 319.9 ft | Deck width, out-to-out | 5.5 m = 18.0 ft | Bridge roadway width, curb-to-curb | 4.8 m = 15.7 ft |

| | | | | | |
|---|---|---|---|---|---|
| Inventory Route, Total Horizontal Clearance | 4.8 m = 15.7 ft | Curb or sidewalk width - left | 0 m = 0.0 ft | Curb or sidewalk width - right | 0 m = 0.0 ft |

| | |
|---|---|
| Deck structure type | |
| Type of wearing surface | Bituminous [6] |
| Deck protection | |
| Type of membrane/wearing surface | |

## Weight Limits

| | | | | | |
|---|---|---|---|---|---|
| Bypass, detour length | Method to determine inventory rating | | Inventory rating | 2.7 metric ton = 3.0 tons | |
| 0.3 km = 0.2 mi | Method to determine operating rating | | Operating rating | 6.3 metric ton = 6.9 tons | |
| | Bridge posting | 20.0 - 29.9 % below [2] | Design Load | | |

## Functional Details

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Average Daily Traffic | 1100 | Average daily truck traffi | | % | Year 1990 | Future average daily traffic | Year |
| Road classification | Major Collector (Rural) [07] | Lanes on structure | 1 | Approach roadway width | 3.7 m = 12.1 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 | | Minimum vertical clearance over bridge roadway | 4.57 m = 15.0 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

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 | 624000 | Roadway improvement cost | 0 |
| Length of structure improvement | 152.4 m = 500.0 ft | Total project cost | 1038000 |
| Year of improvement cost estimate | | | |
| 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 - superstructur | Serious [3] | Appraisal ratings - roadway alignment | Meets minimum tolerable limits to be left in place as is [4] |
| Condition ratings - substructure | Fair [5] | Appraisal ratings - deck geometry | Basically intolerable requiring high priority of replacement [2] |
| Condition ratings - deck | Satisfactory [6] | | |

| | |
|---|---|
| Scour | Scour calculation/evaluation has not been made. [6] |
| Channel and channel protection | Bank protection is in need of minor repairs. River control devices and embankment protection have a little minor damage. Banks and/or channel have minor amounts of drift. [7] |

| | | | |
|---|---|---|---|
| Appraisal ratings - water adequacy | Equal to present minimum criteria [6] | Status evaluation | Structurally deficient [1] |
| Pier or abutment protection | | Sufficiency rating | 25.6 |

| | |
|---|---|
| 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 | |
| Traffic safety features - approach guardrail | |
| Traffic safety features - approach guardrail ends | |

| | | | | |
|---|---|---|---|---|
| Inspection date | May 1990 [0590] | Designated inspection frequency | 24 | Months |

| | | | |
|---|---|---|---|
| Underwater inspection | | Underwater inspection date | |
| Fracture critical inspection | | Fracture critical inspection date | |
| Other special inspection | | Other special inspection date | |