

HistoricBridges.org - National Bridge Inventory Data Sheet

2000 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

| | | | | | |
|------------------------------------|--|---|------------------------------------|-------------------------------|---|
| Indiana [18] | DeKalb County [033] | Corunna [15220] | 0.18 S US 6 | 41-26-06 = 41.435000 | 085-08-54 = - 85.148333 |
| 31360 | Highway agency district | 2 | Owner | State Highway Agency [01] | Maintenance responsibility |
| State Highway Agency [01] | | | | | |
| Route | 327 | | SR 327 | Toll | On free road [3] |
| Features intersected | CONRAIL | | | | |
| Design - main | Steel [3] | Design - approach | Steel [3] | Kilometerpoint | 1338.7 km = 830.0 mi |
| 1 | Truss - Thru [10] | 2 | Stringer/Multi-beam or girder [02] | Year built | 1918 |
| | | | | Year reconstructed | 1978 |
| | | | | Skew angle | 0 |
| | | | | Structure Flared | |
| | | | | Historical significance | Bridge is possibly eligible for the NRHP. [3] |
| Total length | 34.7 m = 113.9 ft | Length of maximum span | 17.4 m = 57.1 ft | Deck width, out-to-out | 8.5 m = 27.9 ft |
| Bridge roadway width, curb-to-curb | 7.9 m = 25.9 ft | Inventory Route, Total Horizontal Clearance | 7.9 m = 25.9 ft | Curb or sidewalk width - left | 1.5 m = 4.9 ft |
| Curb or sidewalk width - right | 1.5 m = 4.9 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 | | | | | |

Weight Limits

| | | | | |
|-----------------------|--------------------------------------|-------------|------------------|-----------------------------|
| Bypass, detour length | Method to determine inventory rating | | Inventory rating | 18.9 metric ton = 20.8 tons |
| 0.2 km = 0.1 mi | Method to determine operating rating | | Operating rating | 30.6 metric ton = 33.7 tons |
| Bridge posting | Equal to or above legal loads [5] | Design Load | M 18 / H 20 [4] | |

Functional Details

| | | | | | | | | | | |
|---|--|----------------------------|---|--------------------------------|------|--|----------------------------------|--|------|--|
| Average Daily Traffic | 2622 | Average daily truck traffi | | % | Year | 1994 | Future average daily traffic | | Year | |
| Road classification | Major Collector (Rural) [07] | | Lanes on structure | 2 | | Approach roadway width | 7.9 m = 25.9 ft | | | |
| Type of service on bridge | Highway-pedestrian [5] | | Direction of traffic | 2 - way traffic [2] | | Bridge median | | | | |
| Parallel structure designation | No parallel structure exists. [N] | | | | | | | | | |
| Type of service under bridge | Railroad [2] | | Lanes under structure | 0 | | 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 | Railroad beneath structure [R] | | | | | | | | | |
| Minimum lateral underclearance on right | 6.2 m = 20.3 ft | | | | | Minimum lateral underclearance on left | 0 = N/A | | | |
| Minimum Vertical Underclearance | 6.19 m = 20.3 ft | | Minimum vertical underclearance reference feature | Railroad beneath structure [R] | | | | | | |
| 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 | 0 | Roadway improvement cost | 0 |
| | Length of structure improvement | 61 m = 200.1 ft | Total project cost | 0 |
| | 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 | Somewhat better than minimum adequacy to tolerate being left in place as is [5] |
| Condition ratings - superstructure | Satisfactory [6] | Appraisal ratings - roadway alignment | Equal to present minimum criteria [6] |
| Condition ratings - substructure | Fair [5] | Appraisal ratings - deck geometry | Basically intolerable requiring high priority of corrective action [3] |
| 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 | Functionally obsolete [2] |
| Pier or abutment protection | | Sufficiency rating | 47.1 |
| 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 | May 1999 [0599] | Designated inspection frequency | 24 Months |
| Underwater inspection | Not needed [N] | Underwater inspection date | |
| Fracture critical inspection | Every two years [Y24] | Fracture critical inspection date | May 1999 [0599] |
| Other special inspection | Every two years [Y24] | Other special inspection date | May 1999 [0599] |