

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 | Knox County | Vincennes | 3 Km from N US 41 | 38.681667 | -9.222222 | | |
| 32670 | Highway agency district | 6 | Owner | State Highway Agency | Maintenance responsibility | State Highway Agency | |
| Route | 441 | SR 441 | Toll | On free road | Features intersected | WABASH RIVER,CSX RR & RD | |
| Design - main | Concrete | Design - approach | | Kilometerpoint | 267.3 | | |
| 7 | Arch - Deck | 0 | Other | Year built | 1931 | Year reconstructed | 1992 |
| | | | | Skew angle | 0 | Structure Flared | |
| | | | | Historical significance | Bridge is possibly eligible for the NRHP. | | |
| Total length | 1019.7 | Length of maximum span | 179.8 | Deck width, out-to-out | 35.4 | Bridge roadway width, curb-to-curb | 22 |
| Inventory Route, Total Horizontal Clearance | 22 | Curb or sidewalk width - left | 4.9 | Curb or sidewalk width - right | 4.9 | | |
| Deck structure type | Concrete Cast-in-Place | | | | | | |
| Type of wearing surface | Latex Concrete or similar additive | | | | | | |
| Deck protection | | | | | | | |
| Type of membrane/wearing surface | | | | | | | |

Weight Limits

| | | | | |
|-----------------------|--------------------------------------|-------------------------------|------------------|-------------|
| Bypass, detour length | Method to determine inventory rating | No rating analysis performed | Inventory rating | 31.7 |
| 0.6 | Method to determine operating rating | No rating analysis performed | Operating rating | 38.6 |
| | Bridge posting | Equal to or above legal loads | Design Load | M 18 / H 20 |

Functional Details

Average Daily Traffic Average daily truck traffi % Year Future average daily traffic Year

Road classification Lanes on structure Approach roadway width

Type of service on bridge Direction of traffic Bridge median

Parallel structure designation

Type of service under bridge Lanes under structure Navigation control

Navigation vertical clearanc Navigation horizontal clearance

Minimum navigation vertical clearance, vertical lift bridge Minimum vertical clearance over bridge roadway

Minimum lateral underclearance reference feature

Minimum lateral underclearance on right Minimum lateral underclearance on left

Minimum Vertical Underclearance Minimum vertical underclearance reference feature

Appraisal ratings - underclearances

Repair and Replacement Plans

Type of work to be performed

Work done by

Bridge improvement cost Roadway improvement cost

Length of structure improvement Total project cost

Year of improvement cost estimate

Border bridge - state Border bridge - percent responsibility of other state

Border bridge - structure number

Inspection and Sufficiency

| | | | |
|---|---|---------------------------------------|---|
| Structure status | <input type="text" value="Open, no restriction"/> | Appraisal ratings - structural | <input type="text" value="Better than present minimum criteria"/> |
| Condition ratings - superstructure | <input type="text" value="Good"/> | Appraisal ratings - roadway alignment | <input type="text" value="Better than present minimum criteria"/> |
| Condition ratings - substructure | <input type="text" value="Good"/> | Appraisal ratings - deck geometry | <input type="text" value="Basically intolerable requiring high priority of replacement"/> |
| Condition ratings - deck | <input type="text" value="Good"/> | | |
| Scour | <input type="text" value="Bridge foundations determined to be stable for the assessed or calculated scour condition."/> | | |
| Channel and channel protection | <input type="text" value="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."/> | | |
| Appraisal ratings - water adequacy | <input type="text" value="Superior to present desirable criteria"/> | Status evaluation | <input type="text" value="Functionally obsolete"/> |
| Pier or abutment protection | <input type="text" value="Navigation protection not required"/> | Sufficiency rating | <input type="text" value="73.4"/> |
| Culverts | <input type="text" value="Not applicable. Used if structure is not a culvert."/> | | |
| Traffic safety features - railings | <input type="text"/> | | |
| Traffic safety features - transitions | <input type="text" value="Inspected feature meets currently acceptable standards."/> | | |
| Traffic safety features - approach guardrail | <input type="text" value="Inspected feature meets currently acceptable standards."/> | | |
| Traffic safety features - approach guardrail ends | <input type="text" value="Inspected feature meets currently acceptable standards."/> | | |
| Inspection date | <input type="text" value="Jun-07"/> | Designated inspection frequency | <input type="text" value="24"/> Months |
| Underwater inspection | <input type="text" value="Unknown"/> | Underwater inspection date | <input type="text" value="Sep-08"/> |
| Fracture critical inspection | <input type="text" value="Not needed"/> | Fracture critical inspection date | <input type="text"/> |
| Other special inspection | <input type="text" value="Every two years"/> | Other special inspection date | <input type="text" value="39234"/> |