

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

Ohio [39] Hamilton County [061] Unknown [00000] NO DATA 00-00-00 = 0.000000 000-00-00 = 0.000000

3130762 Highway agency district 8 Owner County Highway Agency [02] Maintenance responsibility County Highway Agency [02]

Route #Num! NO DATA Toll On free road [3] Features intersected GREAT MIAMI RIVER

Design - main Steel [3] Design - approach Other [00] Kilometerpoint 0 km = 0.0 mi
 1 Truss - Thru [10] 0 Other [00] Year built 1914 Year reconstructed 1970
 Skew angle 0 Structure Flared
 Historical significance Bridge is eligible for the NRHP. [2]

Total length 143 m = 469.2 ft Length of maximum span 139.6 m = 458.0 ft Deck width, out-to-out 7.9 m = 25.9 ft Bridge roadway width, curb-to-curb 6.7 m = 22.0 ft
 Inventory Route, Total Horizontal Clearance 6.7 m = 22.0 ft Curb or sidewalk width - left 0 m = 0.0 ft Curb or sidewalk width - right 0 m = 0.0 ft

Deck structure type Open Grating [3]
 Type of wearing surface Other [9]
 Deck protection
 Type of membrane/wearing surface

Weight Limits

Bypass, detour length 2.1 km = 1.3 mi Method to determine inventory rating No rating analysis performed [5] Inventory rating 9.9 metric ton = 10.9 tons
 Method to determine operating rating No rating analysis performed [5] Operating rating 13.5 metric ton = 14.9 tons
 Bridge posting Design Load M 18 / H 20 [4]

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="Posted for load [P]"/> | Appraisal ratings - structural | <input type="text" value="Basically intolerable requiring high priority of corrective action [3]"/> |
| Condition ratings - superstructure | <input type="text" value="Serious [3]"/> | Appraisal ratings - roadway alignment | <input type="text" value="Somewhat better than minimum adequacy to tolerate being left in place as is [5]"/> |
| Condition ratings - substructure | <input type="text" value="Fair [5]"/> | Appraisal ratings - deck geometry | <input type="text" value="Basically intolerable requiring high priority of replacement [2]"/> |
| Condition ratings - deck | <input type="text" value="Satisfactory [6]"/> | | |
| Scour | <input type="text" value="Scour calculation/evaluation has not been made. [6]"/> | | |
| 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. [7]"/> | | |
| Appraisal ratings - water adequacy | <input type="text" value="Equal to present minimum criteria [6]"/> | Status evaluation | <input type="text" value="Structurally deficient [1]"/> |
| Pier or abutment protection | <input type="text"/> | Sufficiency rating | <input type="text" value="6"/> |
| Culverts | <input type="text" value="Not applicable. Used if structure is not a culvert. [N]"/> | | |
| Traffic safety features - railings | <input type="text" value="Inspected feature meets currently acceptable standards. [1]"/> | | |
| Traffic safety features - transitions | <input type="text" value="Inspected feature meets currently acceptable standards. [1]"/> | | |
| Traffic safety features - approach guardrail | <input type="text" value="Not applicable or a safety feature is not required. [N]"/> | | |
| Traffic safety features - approach guardrail ends | <input type="text" value="Inspected feature meets currently acceptable standards. [1]"/> | | |
| Inspection date | <input type="text" value="September 1999 [0999]"/> | Designated inspection frequency | <input type="text" value="12"/> Months |
| Underwater inspection | <input type="text" value="Not needed [N]"/> | Underwater inspection date | <input type="text"/> |
| Fracture critical inspection | <input type="text" value="Not needed [N]"/> | Fracture critical inspection date | <input type="text"/> |
| Other special inspection | <input type="text" value="Not needed [N]"/> | Other special inspection date | <input type="text"/> |