HistoricBridges.org - National Bridge Inventory Data Sheet

2011 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

Ohio [39]	Henry County [069]	Bartlow [04052]	NO DATA	00-00-00 = 0.000000	000-00-00 = -0.000000

3530744 | Highway agency district: 2 | Owner: County Highway Agency [02] | Maintenance responsibility: County Highway Agency [02]

Route: #Num! | NO DATA | Toll: On free road [3] | Features intersected: DITCH 1481 HAMMER CREEK

Design - main	Concrete [1]	Design - approach	
	Tee beam [04]		Other [00]

Kilometerpoint: 0 km = 0.0 mi

Year built: 1930 | Year reconstructed: N/A [0000]

Skew angle: 45 | Structure Flared:

Historical significance: Bridge is not eligible for the NRHP. [5]

Total length: 13.4 m = 44.0 ft | Length of maximum span: 12.2 m = 40.0 ft | Deck width, out-to-out: 7 m = 23.0 ft | Bridge roadway width, curb-to-curb: 6.4 m = 21.0 ft

Inventory Route, Total Horizontal Clearance: 6.4 m = 21.0 ft | Curb or sidewalk width - left: 0 m = 0.0 ft | Curb or sidewalk width - right: 0 m = 0.0 ft

Deck structure type: Concrete Cast-in-Place [1]

Type of wearing surface: Bituminous [6]

Deck protection:

Type of membrane/wearing surface:

Weight Limits

Bypass, detour length: 0.6 km = 0.4 mi

Method to determine inventory rating: Load Factor(LF) [1] | Inventory rating: 7.1 metric ton = 7.8 tons

Method to determine operating rating: Load Factor(LF) [1] | Operating rating: 12.6 metric ton = 13.9 tons

Bridge posting: | Design Load:

Functional Details

Average Daily Traffic: 50
Average daily truck traffi: 0 %
Year: 1971
Future average daily traffic: 69
Year: 2027

Road classification: Major Collector (Rural) [07]
Lanes on structure: 2
Approach roadway width: 5.5 m = 18.0 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: 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:

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	Posted for load [P]
Condition ratings - superstructur	Poor [4]
Condition ratings - substructure	Serious [3]
Condition ratings - deck	Fair [5]
Appraisal ratings - structural	Basically intolerable requiring high priority of corrrective action [3]
Appraisal ratings - roadway alignment	Equal to present minimum criteria [6]
Appraisal ratings - deck geometry	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Scour	Bridge foundations determined to be stable for assessed or calculated scour condition. [5]
Channel and channel protection	Bank protection is being eroded. River control devices and/or embankment have major damage. Trees and rush restrict the channel. [5]
Appraisal ratings - water adequacy	Equal to present minimum criteria [6]
Status evaluation	Structurally deficient [1]
Pier or abutment protection	
Sufficiency rating	39
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	June 2010 [0610]
Designated inspection frequency	12 Months
Underwater inspection	Not needed [N]
Underwater inspection date	
Fracture critical inspection	Not needed [N]
Fracture critical inspection date	
Other special inspection	Not needed [N]
Other special inspection date	