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]	Ashtabula County [007]	Ashtabula [02638]	NO DATA	00-00-00 = 0.000000	000-00-00 = -0.000000

460052 | Highway agency district: 4 | Owner: City or Municipal Highway Agency [04] | Maintenance responsibility: City or Municipal Highway Agency [04]

Route: #Num! | | NO DATA | Toll: On free road [3] | Features intersected: CONRAIL RR

Design - main	Steel [3]	Design - approach		Kilometerpoint	0 km = 0.0 mi
1	Truss - Thru [10]	0	Other [00]	Year built	1928
				Year reconstructed	N/A [0000]
				Skew angle	65
				Structure Flared	
				Historical significance	Bridge is not eligible for the NRHP. [5]

Total length: 25.9 m = 85.0 ft | Length of maximum span: 25.9 m = 85.0 ft | Deck width, out-to-out: 18.1 m = 59.4 ft | Bridge roadway width, curb-to-curb: 11 m = 36.1 ft

Inventory Route, Total Horizontal Clearance: 11 m = 36.1 ft | Curb or sidewalk width - left: 2.3 m = 7.5 ft | Curb or sidewalk width - right: 2.3 m = 7.5 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: 0.3 km = 0.2 mi

Method to determine inventory rating: No rating analysis performed [5] | Inventory rating: 16.2 metric ton = 17.8 tons

Method to determine operating rating: No rating analysis performed [5] | Operating rating: 21.7 metric ton = 23.9 tons

Bridge posting: Equal to or above legal loads [5] | Design Load:

Functional Details

Average Daily Traffic	21000	Average daily truck traffi	0 %	Year	1951	Future average daily traffic	29148	Year	2026

Road classification	Major Collector (Rural) [07]	Lanes on structure	2	Approach roadway width	11 m = 36.1 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	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	11 m = 36.1 ft	Minimum lateral underclearance on left	2.6 m = 8.5 ft		
Minimum Vertical Underclearance	5.94 m = 19.5 ft	Minimum vertical underclearance reference feature	Railroad beneath structure [R]		
Appraisal ratings - underclearances	Basically intolerable requiring high priority of corrrective action [3]				

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	Open, no restriction [A]	Appraisal ratings - structural	Basically intolerable requiring high priority of corrrective action [3]
Condition ratings - superstructur	Serious [3]	Appraisal ratings - roadway alignment	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - substructure	Poor [4]	Appraisal ratings - deck geometry	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - deck	Serious [3]		
Scour	Bridge not over waterway. [N]		
Channel and channel protection	Not applicable. [N]		
Appraisal ratings - water adequacy	N/A [N]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	17.2
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	November 2009 [1109]	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	