HistoricBridges.org - National Bridge Inventory Data Sheet

2000 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]	Muskingum County [119]	New Concord [54446]	0.67 MI N OF SR 83	39-59-30 = 39.991667	081-43-54 = -81.731667

6053211	Highway agency district: 5	Owner: Railroad [27]	Maintenance responsibility: Railroad [27]		

Route: #Num!		LIBERTY STREET	Toll: On free road [3]	Features intersected: BALTIMORE AND OHIO RR	

Design - main: 1	Steel [3] / Girder and floorbeam system [03]	Design - approach: 4	Wood or timber [7] / Stringer/Multi-beam or girder [02]	Kilometerpoint: 0 km = 0.0 mi	
Year built: 1930	Year reconstructed: N/A [0000]	Skew angle: 0	Structure Flared:	Historical significance: Historical significance is not determinable at this time. [4]	

Total length: 28 m = 91.9 ft	Length of maximum span: 9.8 m = 32.2 ft	Deck width, out-to-out: 4.6 m = 15.1 ft	Bridge roadway width, curb-to-curb: 4.3 m = 14.1 ft		
Inventory Route, Total Horizontal Clearance: 4.3 m = 14.1 ft	Curb or sidewalk width - left: 0 m = 0.0 ft	Curb or sidewalk width - right: 0 m = 0.0 ft			

Deck structure type	Wood or Timber [8]
Type of wearing surface	Wood or Timber [7]
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: 5.4 metric ton = 5.9 tons			
	Method to determine operating rating: No rating analysis performed [5]	Operating rating: 7.2 metric ton = 7.9 tons			
	Bridge posting:	Design Load: M 9 / H 10 [1]			

Functional Details

Average Daily Traffic	300	Average daily truck traffi	0 %	Year	1993	Future average daily traffic	404	Year	2015

Road classification	Local (Urban) [19]	Lanes on structure	1	Approach roadway width	4 m = 13.1 ft
Type of service on bridge	Highway [1]	Direction of traffic	One lane bridge for 2 - way traffic [3]	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	7 m = 23.0 ft	Minimum lateral underclearance on left	2.4 m = 7.9 ft		
Minimum Vertical Underclearance	0 = N/A	Minimum vertical underclearance reference feature	Railroad beneath structure [R]		
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]	Appraisal ratings - structural	Basically intolerable requiring high priority of corrrective action [3]
Condition ratings - superstructure	Fair [5]	Appraisal ratings - roadway alignment	Equal to present minimum criteria [6]
Condition ratings - substructure	Good [7]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Good [7]		
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	21.5
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	March 1997 [0397]	Designated inspection frequency	12 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every year [Y12]	Fracture critical inspection date	May 1995 [0595]
Other special inspection	Not needed [N]	Other special inspection date	