

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]	Summit County [153]	Akron [01000]	900 FT N OF HOWARD ST	41-07-18.89 = 41.121914	081-30-34.66 = -81.509628
7730306	Highway agency district: 4	Owner County Highway Agency [02]	Maintenance responsibility	County Highway Agency [02]	
Route #Num!	N MAIN STREET	Toll On free road [3]	Features intersected	CUYAHOGA RIVER	
Design - main	Steel [3]	Design - approach		Kilometerpoint	1461 km = 905.8 mi
3	Truss - Deck [09]	0	Other [00]	Year built	1948
				Year reconstructed	1993
				Skew angle	0
				Structure Flared	
				Historical significance	Bridge is eligible for the NRHP. [2]
Total length	277.1 m = 909.2 ft	Length of maximum span	146.3 m = 480.0 ft	Deck width, out-to-out	20.6 m = 67.6 ft
Inventory Route, Total Horizontal Clearance	15.8 m = 51.8 ft	Curb or sidewalk width - left	1.8 m = 5.9 ft	Curb or sidewalk width - right	1.8 m = 5.9 ft
Deck structure type	Concrete Cast-in-Place [1]				
Type of wearing surface	Epoxy Overlay [5]				
Deck protection	Epoxy Coated Reinforcing [1]				
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length	Method to determine inventory rating	Load Factor (LF) rating reported by rati	Inventory rating	22.4 metric ton = 24.6 tons
0.3 km = 0.2 mi	Method to determine operating rating	Load Factor (LF) rating reported by rati	Operating rating	37.3 metric ton = 41.0 tons
Bridge posting	Equal to or above legal loads [5]		Design Load	MS 18 / HS 20 [5]

Functional Details

Average Daily Traffic	14545	Average daily truck traffi	7 %	Year	2015	Future average daily traffic	20188	Year	2040
Road classification	Minor Arterial (Urban) [16]	Lanes on structure	4	Approach roadway width	17.1 m = 56.1 ft				
Type of service on bridge	Highway-pedestrian [5]	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	0 m = 0.0 ft		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	Work to be done by contract [1]					
Bridge rehabilitation because of general structure deterioration or inadequate strength. [35]	Bridge improvement cost	675000	Roadway improvement cost	68000			
	Length of structure improvement	275.2 m = 902.9 ft		Total project cost	750000		
	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 [A]"/>	Appraisal ratings - structural	<input type="text" value="Somewhat better than minimum adequacy to tolerate being left in place as is [5]"/>
Condition ratings - superstructure	<input type="text" value="Fair [5]"/>	Appraisal ratings - roadway alignment	<input type="text" value="Equal to present desirable criteria [8]"/>
Condition ratings - substructure	<input type="text" value="Good [7]"/>	Appraisal ratings - deck geometry	<input type="text" value="Meets minimum tolerable limits to be left in place as is [4]"/>
Condition ratings - deck	<input type="text" value="Good [7]"/>		
Scour	<input type="text" value="Bridge foundations (including piles) on dry land well above flood water elevations. [9]"/>		
Channel and channel protection	<input type="text" value="There are no noticeable or noteworthy deficiencies which affect the condition of the channel. [9]"/>		
Appraisal ratings - water adequacy	<input type="text" value="Superior to present desirable criteria [9]"/>	Status evaluation	<input type="text"/>
Pier or abutment protection	<input type="text"/>	Sufficiency rating	<input type="text" value="58"/>
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="Inspected feature meets currently acceptable standards. [1]"/>		
Traffic safety features - approach guardrail ends	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Inspection date	<input type="text" value="September 2018 [0918]"/>	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="Every two years [Y24]"/>	Fracture critical inspection date	<input type="text" value="September 2018 [0918]"/>
Other special inspection	<input type="text" value="Not needed [N]"/>	Other special inspection date	<input type="text"/>