

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]	Cuyahoga County [035]	Hunting Valley [36918]	.256 MI E OF CHGRN RVR RD	41-29-20.18 = 41.488939	081-23-47.04 = -81.396400
1831038	Highway agency district: 12	Owner County Highway Agency [02]	Maintenance responsibility	County Highway Agency [02]	
Route 19	FAIRMOUNT RD CR 19	Toll On free road [3]	Features intersected	CHAGRIN RIVER	
Design - main Steel [3]	Design - approach	Kilometerpoint 1737.7 km = 1077.4 mi	Year built 1910	Year reconstructed 1976	
3	Girder and floorbeam system [03]	0	Other [00]	Skew angle 0	Structure Flared Yes, flared [1]
		Historical significance Bridge is not eligible for the NRHP. [5]			
Total length 73.5 m = 241.2 ft	Length of maximum span 31.7 m = 104.0 ft	Deck width, out-to-out 13.4 m = 44.0 ft	Bridge roadway width, curb-to-curb 13.4 m = 44.0 ft		
Inventory Route, Total Horizontal Clearance 13.4 m = 44.0 ft	Curb or sidewalk width - left 1.5 m = 4.9 ft	Curb or sidewalk width - right 1.5 m = 4.9 ft			
Deck structure type	Closed Grating [4]				
Type of wearing surface	Integral Concrete (separate non-modified layer of concrete added to structural deck) [2]				
Deck protection	Epoxy Coated Reinforcing [1]				
Type of membrane/wearing surface	Not applicable (applies only to structures with no deck) [N]				

Weight Limits

Bypass, detour length 0 km = 0.0 mi	Method to determine inventory rating	Load Factor (LF) rating reported by rati	Inventory rating 32.4 metric ton = 35.6 tons
	Method to determine operating rating	Load Factor (LF) rating reported by rati	Operating rating 40.5 metric ton = 44.6 tons
Bridge posting	Equal to or above legal loads [5]		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	Open, no restriction [A]	Appraisal ratings - structural	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - superstructure	Fair [5]	Appraisal ratings - roadway alignment	Superior to present desirable criteria [9]
Condition ratings - substructure	Fair [5]	Appraisal ratings - deck geometry	Better than present minimum criteria [7]
Condition ratings - deck	Satisfactory [6]		

Scour	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]
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Channel and channel protection	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]
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Appraisal ratings - water adequacy	Superior to present desirable criteria [9]	Status evaluation	
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Pier or abutment protection		Sufficiency rating	86
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Culverts	Not applicable. Used if structure is not a culvert. [N]
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Traffic safety features - railings	
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Traffic safety features - transitions	
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Traffic safety features - approach guardrail	
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Traffic safety features - approach guardrail ends	
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Inspection date	August 2018 [0818]	Designated inspection frequency	18	Months
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Underwater inspection	Not needed [N]	Underwater inspection date	
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Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	August 2018 [0818]
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Other special inspection	Not needed [N]	Other special inspection date	
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