

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]	0.47 MI N OF SR 18	41-05-12.07 = 41.086686	081-30-07.03 = -81.501953
7700369	Highway agency district: 4	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 8	SR 8 & SR 59	Toll On free road [3]	Features intersected NORTH ST L CUY RIV & RRS		
Design - main Steel [3]	Design - approach Steel [3]	Kilometerpoint 320 km = 198.4 mi	Year built 1953	Year reconstructed 1987	
3	Truss - Deck [09]	5	Girder and floorbeam system [03]	Skew angle 0	Structure Flared
			Historical significance Bridge is not eligible for the NRHP. [5]		
Total length 482.5 m = 1583.1 ft	Length of maximum span 109.7 m = 359.9 ft	Deck width, out-to-out 25.3 m = 83.0 ft	Bridge roadway width, curb-to-curb 24.4 m = 80.1 ft		
Inventory Route, Total Horizontal Clearance 12.1 m = 39.7 ft	Curb or sidewalk width - left 0.8 m = 2.6 ft	Curb or sidewalk width - right 0.8 m = 2.6 ft			
Deck structure type	Concrete Cast-in-Place [1]				
Type of wearing surface	Other [9]				
Deck protection	Epoxy Coated Reinforcing [1]				
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	32.4 metric ton = 35.6 tons
	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	40.5 metric ton = 44.6 tons
Bridge posting	Equal to or above legal loads [5]		Design Load	MS 18+Mod / HS 20+Mod [6]

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	<input type="text" value="Open, no restriction [A]"/>	Appraisal ratings - structural	<input type="text" value="Equal to present minimum criteria [6]"/>
Condition ratings - superstructure	<input type="text" value="Satisfactory [6]"/>	Appraisal ratings - roadway alignment	<input type="text" value="Equal to present desirable criteria [8]"/>
Condition ratings - substructure	<input type="text" value="Very Good [8]"/>	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="Satisfactory [6]"/>		
Scour	<input type="text" value="Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]"/>		
Channel and channel protection	<input type="text" value="Banks are protected or well vegetated. River control devices such as spur dikes and embankment protection are not required or are in a stable condition. [8]"/>		
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="78"/>
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="Not applicable or a safety feature is not required. [N]"/>		
Inspection date	<input type="text" value="June 2013 [0613]"/>	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="July 2013 [0713]"/>
Other special inspection	<input type="text" value="Not needed [N]"/>	Other special inspection date	<input type="text"/>