## HistoricBridges.org - National Bridge Inventory Data Sheet

## 2014 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 Info	ormation															41-05-12.07 =	081-30-07.03
Ohio [39]		Summit County [153]			Akr	Akron [01000]		0.47 MI N OF SR 18					41.086686	= -81.501953			
7700369		Highway agency district: 4			O	Owner State Highway Agency [01]				Maintenance responsibility S			ty S	State Highway Agency [01]			
Route 8	ute 8 SR 8 & SR 59					Toll On free road [3] Feature				Featur	Features intersected NORTH ST L CUY RIV & RRS						
			Design - approach	Steel [3] Girder and floorbeam system [03]			Kilometerp Year built	•									
				5				11 [03]	Skew angle	e 0	0 Structure Flared						
				Histor			Historical s	significar	cance Bridge is not eligible for the N				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								0.8 m = 2.6 ft									
Deck structure type Concrete Cast-in-Place				in-Place [1]	]												
Type of wearing surface Other [9]																	
Deck protection Epoxy Coated Reinford				Reinforcing	cing [1]												
Type of membrane/wearing surface																	
Weight Limits																	
5.	Bypass, detour length Method to determine inventory			rating	Ig Load Factor(LF) [1]				Inventor	ry rating	3	2.4 metric	ton = 3	5.6 tons			
0.6 km =	0.4 mi	Method to	Method to determine operating rating			Load Factor(LF) [1]				Operating rating 40.5 metric ton = 4			ton = 4	4.6 tons			
Bridge posting Equal to or above leg				oove legal l	al loads [5]				Design Load MS 18+Mod / HS 20+Mod [6]								

Functional Details								
Average Daily Traffic 116150 Average daily tr	uck traffi 8 % Y	ear 2010	Future average daily traffic	1612	16 Year 2033	3		
Road classification Principal Arterial - Other Freewa	h 26.2 m = 86.0 ft							
Type of service on bridge Highway [1]	Directio	n of traffic 2 - wa	ay traffic [2]		Bridge median	Closed median with non-mountable barr		
Parallel structure designation No parallel structure exists. [N]								
Type of service under bridge Highway-waterway-railroad [8] Lanes under structure 2 Navigation control								
Navigation vertical clearance 0 = N/A   Navigation horizontal clearance 0 = N/A								
Minimum navigation vertical clearance, vertical lift bridge 99.99 m = 328.1 ft								
Minimum lateral underclearance reference feature Railroad beneath structure [R]								
Minimum lateral underclearance on right 6.1 m = 20.0 ft Minimum lateral underclearance on left 6.1 m = 20.0 ft								
Minimum Vertical Underclearance 7.72 m = 25.3 ft Minimum vertical underclearance reference feature Railroad beneath structure [R]								
Appraisal ratings - underclearances Equal to present desirable criteria [8]								
Repair and Replacement Plans								
Type of work to be performed	Work done by							
	Bridge improvement c	ost	Roadway im	provem	ent cost			
	Length of structure im	provement	T	otal pro	oject cost			
	Year of improvement	cost estimate						
	Border bridge - state		Во	rder bri	dge - percent respons	ibility of other state		
	Border bridge - structu	ire number						

Inspection and Sufficiency											
Structure status Open, no res	triction [A]	Appraisal ratings - Equal to present minimum criteria [6]									
Condition ratings - superstructure	Satisfactory [6]	Appraisal ratings - Equal to present desirable criteria [8]									
Condition ratings - substructure	Very Good [8]	Appraisal ratings - Meets minimum tolerable limits to be left in place as is [4]									
Condition ratings - deck	Satisfactory [6]	deck geometry									
Scour	Bridge foundations detern	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]									
Channel and channel protection		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 adequac	y Superior to present desira	able criteria [9] Status evaluation									
Pier or abutment protection		Sufficiency rating 78									
Culverts Not applicable. Used if structure is not a culvert. [N]											
Traffic safety features - railings	Inpected	feature meets currently acceptable standards. [1]									
Traffic safety features - transition	s Inpected	feature meets currently acceptable standards. [1]									
Traffic safety features - approach	guardrail Inpected	feature meets currently acceptable standards. [1]									
Traffic safety features - approach	guardrail ends Not appli	cable or a safety feature is not required. [N]									
Inspection date June 2013 [0	613] Designated in	nspection frequency 12 Months									
Underwater inspection Mot needed [N] Underwater inspection date											
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date July 2013 [0713]									
Other special inspection	Not needed [N]	Other special inspection date									