HistoricBridges.org - National Bridge Inventory Data Sheet

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							40-31-02.60 =	080-43-50.97
Ohio [39] Jefferson County [081]		Knox [40866] 9.91 MI.E.OF BERGHOLZ COR			40.517389	= -80.730825		
4130170 Highway agency district: 11			Owner County Highway Agency [02] Maintenance responsibility		esponsibility	County Highway A	gency [02]	
Route #Num! C.R. 53 BERG-NEWSO			Toll On fre	ee road [3]	Features intersect	ed TRIB TO YI	ELLOW CR-TOWN F	
Design - main		[00]	Kilometerpoint 1 Year built 1935 Skew angle 0	715.2 km = 1063.4 Year reco	onstructed N/A	[0000]		
				Historical significand	ce Bridge is	not eligible for t	he NRHP. [5]	
Total length 14.9 m = 48.9 ft Length of maximum span 6.7 m = 22.0 ft Deck width, out-to-out 8.1 m = 26.6 ft Bridge roadway width, curb-to-curb 7.2 m = 23.6 ft								
Inventory Route, Total Horizontal Clearance 7.2 m = 23.6 ft Curb or sidewalk width - left					0 ft	Curb or side	ewalk width - right	0 m = 0.0 ft
Deck structure type		Corrugated Steel [6]						
Type of wearing surface Bituminous [6]								
Deck protection Not applicable (appli		lies only to structures with no deck) [N]						
Type of membrane/wearing surface Not applicable (appli			es only to structures with no	deck) [N]				
Weight Limits								
Bypass, detour length Method to determine inventory rating				II	nventory rating	32.7 metric ton	= 36.0 tons	
0.3 km = 0.2 mi Method to determine operating rating				C	Operating rating	40.8 metric ton	= 44.9 tons	
	Bridge posting	Equal to or above le	egal loads [5]		Design Load MS 1	18 / HS 20 [5]		

Functional Details						
Average Daily Traffic 207 Average daily to	ruck traffi 7 % Year 2015 Future average daily	y traffic 287 Year 2040				
Road classification Major Collector (Rural) [07]	Lanes on structure 2	Approach roadway width 8.8 m = 28.9 ft				
Type of service on bridge Highway [1]	Direction of traffic 2 - way traffic [2]	Bridge median				
Parallel structure designation No parallel structure	e exists. [N]					
Type of service under bridge Waterway [5]	Lanes under structure 0 Navigation c	control				
Navigation vertical clearanc 0 = N/A	Navigation horizontal clearance 0 =	N/A				
Minimum navigation vertical clearance, vertical lift br	dge 0 m = 0.0 ft Minimum verti	ical clearance over bridge roadway 99.99 m = 328.1 ft				
Minimum lateral underclearance reference feature F	eature 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					
	Bridge improvement cost 0 Roa	dway improvement cost 0				
	Length of structure improvement	Total project cost 0				
	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	Equal to present minimum criteria [6]				
Condition ratings - superstructure Satisfactory [6]		Appraisal ratings - roadway alignment	Basically intolerable requiring high priority of corrrective action [3]				
Condition ratings - substructu	re Satisfactory [6]	Appraisal ratings -	Meets minimum tolerable limits to be left in place as is [4]				
Condition ratings - deck	Not Applicable [N]	deck geometry					
Scour	Countermea	ures have been installed to mitigate an e	existing problem with scour. [7]				
Channel and channel protect	on Bank is begi minor strean	Bank is beginning to slump. River control devices and embankment protection have widespread minor damage. There is minor stream bed movement evident. Debris is restricting the channel slightly. [6]					
Appraisal ratings - water ade	Meets minin	um tolerable limits to be left in place as is	Status evaluation Functionally obsolete [2]				
Pier or abutment protection			Sufficiency rating 81				
Culverts Not applicable. U	sed if structure is not a c	ulvert. [N]					
Traffic safety features - railing	gs	Inpected feature meets currently acce	eptable standards. [1]				
Traffic safety features - trans	itions						
Traffic safety features - appr	oach guardrail	Inpected feature meets currently acce	eptable standards. [1]				
Traffic safety features - approach guardrail ends		Inpected feature meets currently acce	Inpected feature meets currently acceptable standards. [1]				
Inspection date March 2	018 [0318]	esignated inspection frequency 12	Months				
Underwater inspection	Not needed [N]	Underwater inspe	ection date				
Fracture critical inspection	Not needed [N]	Fracture critical in	nspection date				
Other special inspection	Not needed [N]	Other special insp	pection date				