HistoricBridges.org - National Bridge Inventory Data Sheet

2019 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 Information 41-41-39.62 = 084-37-28.14											
Ohio [39]		Williams County [171]			Bridge	Bridgewater [08630] 10340 RD S				41.694339	= -84.624483
8632774		Highway agency district: 2			Owne	Owner County Highway Agency [02]		Maintenance responsibility County Highway Agency [02]			
Route #Num! TR 30 (S)				Toll On fre	ee road [3] Fe	eatures intersec	ted CLEAR FOI	RK CREEK			
Design - mainSteel [3]1Stringer/Multi-beam or girder [0]		ler [02]	Design - approach 0	Other [00]		Kilometerpoint 35.4 km = 21.9 mi Year built 1920 Year reconstructed N/A [0000] Skew angle 0 Skew angle 0 Structure Flared Historical significance Bridge is not eligible for the NRHP. [5]					
Total length 9.1 m = 29.9 ft Length of maximum span 7.9 m = 25.9 ft Deck width, out-to-out 5.3 m = 17.4 ft Bridge roadway width, curb-to-curb 4.7 m = 15.4 ft								urb 4.7 m = 15.4 ft			
Inventory Route, Total Horizontal Clearance 4.7 m = 15.4 ft			4 ft	Curb or sidewalk width - left 0 m = 0.0 ft Curb or sidewalk width - right				0 m = 0.0 ft			
Deck structure type Corrugated Steel [6]			el [6]								
Type of wearing surface Other [9]											
Deck protection Unknow			known [8]								
Type of membrane/wearing surface Unknown [8]											
Weight L	imits										
Bypass, detour length Method to deter			determi	ne inventory	rating		Inve	entory rating	32.7 metric ton	= 36.0 tons	
0.5 km = 0.3 mi Method to determine operating rating				rating		Оре	erating rating	40.8 metric ton	= 44.9 tons		
Bridge posting Equal to or above le				oove legal load	ls [5]	Des	sign Load M 1	3.5 / H 15 [2]			

Functional Details							
Average Daily Traffic 37 Average daily tr	ruck traffi 8 % Year 2015 Future average daily traffic 51 Year 2040						
Road classification Minor Collector (Rural) [08]	Lanes on structure2Approach roadway width6.7 m = 22.0 ft						
Type of service on bridge Highway [1]	Direction of traffic One lane bridge for 2 - way traffic [3] Bridge median						
Parallel structure designation No parallel structur	e 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 bri	dge0 m = 0.0 ftMinimum vertical clearance over bridge roadway99.99 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 Roadway 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 res	striction [A]	Appraisal ratings - structural	Meets minimum tolerable limits to be left in place as is [4]						
Condition ratings - superstructure	Fair [5]	Appraisal ratings - roadway alignment	Better than present minimum criteria [7]						
Condition ratings - substructure	Poor [4]	Appraisal ratings -	N/A [N]						
Condition ratings - deck	Fair [5]	deck geometry							
Scour	Bridge foundations determined	Bridge foundations determined to be stable for assessed or calculated scour condition. [5]							
Channel and channel protection		River control devices have been destroyed. Stream bed aggradation, degradation or lateral channel to now threaten the bridge and/or approach roadway. [3]							
Appraisal ratings - water adequad	cy Equal to present desirable crit	teria [8]	Status evaluation Structurally deficient [1]						
Pier or abutment protection			Sufficiency rating 57.5						
Culverts Not applicable. Used	if structure is not a culvert. [N]								
Traffic safety features - railings									
Traffic safety features - transitior	Not applicabl	or a safety feature is not required. [N]							
Traffic safety features - approact	n guardrail								
Traffic safety features - approach guardrail ends									
Inspection date October 2018 [1018] Designated inspection frequency 12 Months									
Underwater inspection	Not needed [N]	Underwater inspec	ction date						
Fracture critical inspection	Not needed [N]	Fracture critical inspection date							
Other special inspection	Not needed [N]	Other special inspe	ection date						