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 39-44-10.90 = 086-11-49.39											
Indiana [18]		Marion County [097]			Indianapo	olis [36000]	00.10 NE OF RAYMOND STREE		39.736361	= -86.197053	
4900299		Highway agency district: 3		Owner	Owner City or Municipal Highway Agency [04		Maintenance responsibility		City or Municipal Highway Agency [04]		
Route 4099 KENTUCKY AVENUE			[Toll On fr	ee road [3] F	eatures intersed	cted BIG EAGLE	CREEK			
Design - mainConcrete [1]Design - approach3Arch - Deck [11]0Other			ther [00]	[00] Kilometerpoint Year built 193 Skew angle 30 Historical signific		xm = 0.0 mi Year reconstructed 2002 Structure Flared Bridge is not eligible for the NRHP. [5]					
Total length 62.5 m = 205.1 ft Length of maximum span 21.2 m = 69.6 ft Deck width, out-to-out 18.2 m = 59.7 ft Bridge roadway width, curb-to-curb 16.6 m = 54.5 ft											
Inventory Route, Total Horizontal Clearance 16.6 m = 54.5 ft Curb or sidewalk width - left 0 m = 0.0 ft Curb or sidewalk width - right 0 m = 0.0 ft								0 m = 0.0 ft			
Deck structure type Concrete Cast-in-Place [1]											
Type of wearing surface Monolithic Concrete (ete (concurrent	(concurrently placed with structural deck) [1]						
Deck protection Not applicable (applie			oplies only to s	es only to structures with no deck) [N]							
Type of membrane/wearing surface Not applicable (applies			oplies only to s	ructures with no	o deck) [N]						
Weight L	imits										
Bypass, detour length Method to determine inventory			inventory rat	ting		Inv	entory rating	32.7 metric ton =	= 36.0 tons		
0.3 km = 0.2 mi Method to determine operating rating			ting		Ор	erating rating	40.8 metric ton =	= 44.9 tons			
Bridge posting Equal to or above le			ve legal loads (5]	De	sign Load					

Functional Details									
Average Daily Traffic 13162 Average daily tr	uck traffi 5 % Year 2014 Future average daily traffic	19559 Year 2034							
Road classification Other Principal Arterial (Urban)	[14] Lanes on structure 4	Approach roadway width 16.5 m = 54.1 ft							
Type of service on bridge Highway [1]	Direction of traffic 2 - way traffic [2]	Bridge median							
Parallel structure designation No parallel structure 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	dge Minimum vertical clea	arance over bridge roadway 99.99 m = 328.1 ft							
Minimum lateral underclearance reference feature	Minimum lateral underclearance reference feature Feature not a highway or railroad [N]								
Minimum lateral underclearance on right 0 = N/A	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 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 in	mprovement cost 0							
	Length of structure improvement 0 m = 0.0 ft	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 re	estriction [A]	Appraisal ratings - structural	Equal to present minimum criteria [6]						
Condition ratings - superstructur	e Good [7]	Appraisal ratings - roadway alignment	Equal to present minimum criteria [6]						
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings -	Somewhat better than minimum adequacy to tolerate being left in place as is [5]						
Condition ratings - deck	Good [7]	deck geometry							
Scour	Bridge foundation required. [4]	Bridge foundations determined to be stable for assessed or calculated scour conditions; field review indicates action is required. [4]							
Channel and channel protection		Bank is beginning to slump. River control devices and embankment protection have widespread minor damage. There is ninor stream bed movement evident. Debris is restricting the channel slightly. [6]							
Appraisal ratings - water adequa	cy Better than pres	sent minimum criteria [7]	Status evaluation						
Pier or abutment protection			Sufficiency rating 81.7						
Culverts Not applicable. User	l if structure is not a culve	ert. [N]							
Traffic safety features - railings		Inpected feature meets currently acce	ptable standards. [1]						
Traffic safety features - transition	ns	Inpected feature meets currently acce	ptable standards. [1]						
Traffic safety features - approa	ch guardrail	Inpected feature meets currently acce	ptable standards. [1]						
Traffic safety features - approa	ch guardrail ends	Inpected feature meets currently acce	ptable standards. [1]						
Inspection date July 2018 [0718] Des	signated inspection frequency 24	Months						
Underwater inspection Not needed [N] Underwater inspection date									
Fracture critical inspection	Not needed [N]	Fracture critical in	spection date						
Other special inspection	Not needed [N]	Other special insp	ection date						