HistoricBridges.org - National Bridge Inventory Data Sheet

2010 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	Denter Orente [021]	r					42-07-23 =	086-27-49 = -	
Michigan [26] Berrien County [021]			Benton Harbor [07520]	0.2 MI E OF M-63			42.123056	86.463611	
11111081000B010Highway agency district5		Owner State Highway Agency [01] Maintenance responsibility		sponsibility	State Highway Agency [01]				
Route 94	I-94BL	(JEAN KLOCK)	Toll On fre	e road [3] Fe	eatures intersected	PAW PAW RI	VER		
Design - Steel [3] main 3 Stringer/Mu	ulti-beam or girder [02]	Design - approach 0 Other [0	00]	Kilometerpoint101Year built1955Skew angle12Historical significance	Structure Flare	structed N/A [0 ed			
Total length 54.8 m = 179.8 ft Length of maximum span 18.2 m = 59.7 ft Deck width, out-to-out 20.2 m = 66.3 ft Bridge roadway width, curb-to-curb 17.7 m = 58.1 ft									
Inventory Route, Total Horizontal Clearance 17.7 m = 58.1 ft			Curb or sidewalk width - left 0.3 m = 1.0 ft Curb or s		Curb or sidew	alk width - right	0.3 m = 1.0 ft		
Deck structure type Concrete Cast-in-Place [1]									
Type of wearing surface Monolithic Concrete (or		onolithic Concrete (co	concurrently placed with structural deck) [1]						
Deck protection									
Type of membrane/wearing surface									
Weight Limits									
Bypass, detour lengthMethod to determine inventory ra0.6 km = 0.4 miMethod to determine operating ra		ne inventory rating	Allowable Stress(AS)) [2] Inve	entory rating 43	3.6 metric ton = 4	48.0 tons		
		ne operating rating	Allowable Stress(AS) [2]		erating rating 99	9.9 metric ton = ²	109.9 tons		
Bridge posting Equal to or above legal loads [5]				Des	sign Load MS 18	/ HS 20 [5]			

Functional Details								
Average Daily Traffic 7900 Average daily tr	uck traffi 11 % Year 1995 Future average daily traffic 9700 Year 2015							
Road classification Principal Arterial - Interstate (Ur	ban) [11]Lanes on structure2Approach roadway width16.5 m = 54.1 ft							
Type of service on bridge Highway [1]	Direction of traffic ² - way traffic ^[2] Bridge median (no barriers) ^[2]							
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 bridge Minimum vertical clearance over bridge roadway 99.99 m = 328.1 ft								
Minimum lateral underclearance reference feature Feature not a highway or railroad [N]								
Minimum lateral underclearance on right 99.9 = Unlimited 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]								
Densis and Deglessment Dises								
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 Open, no re	estriction [A]	Appraisal rating structural	Somewhat better than minimum adequacy to tolerate being left in place as is [5]						
Condition ratings - superstructur Fair [5]		Appraisal rating roadway alignm	Equal to present minimum criteria [6]						
Condition ratings - substructure	Good [7]	Appraisal rating							
Condition ratings - deck Satisfactory [6		deck geometry							
Scour	Bridge fou	Bridge foundations determined to be stable for assessed or calculated scour condition. [5]							
Channel and channel protection		Bank protection is in need of minor repairs. River control devices and embankment protection have a little minor damage. Banks and/or channel have minor amounts of drift. [7]							
Appraisal ratings - water adequa	acy Equal to p	resent desirable criteria [8]	Status evaluation						
Pier or abutment protection			Sufficiency rating 86.5						
Culverts Not applicable. User	I if structure is not a	a culvert. [N]							
Traffic safety features - railings		Inpected feature meets current	ly acceptable standards. [1]						
Traffic safety features - transition	ons	Inpected feature meets current	ly acceptable standards. [1]						
Traffic safety features - approa	ch guardrail	Inpected feature meets current	ture meets currently acceptable standards. [1]						
Traffic safety features - approa	ch guardrail ends	Inpected feature meets current	Inpected feature meets currently acceptable standards. [1]						
Inspection date August 200	8 [0808]	Designated inspection frequency	24 Months						
Underwater inspection	Unknown [Y60]	Underwater	r inspection date June 2007 [0607]						
Fracture critical inspection	Not needed [N]	Fracture cri	itical inspection date						
Other special inspection	Not needed [N]	Other speci	ial inspection date						