## 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 In	formation								42-02-01.68 =	085-14-05.28
Michigan [26]		Branch County [023]		Sherwoo	d [73440]	SHERWOOD TWP SEC 15-16			42.033800	= -85.234800
1124		Highway a	igency district: 5	Owner	County Highway	/ Agency [02]	Maintenance	eresponsibility	County Highway Ag	gency [02]
Route	1209	(	DLD M-78 HWY		Toll On fre	e road [3]	Features intersed	cted UNNAMED	CREEK	
Design - main 1	Concrete [1 Tee beam [		Design - approach 0 C	)ther [00]		KilometerpointYear built1953Skew angle0Historical significant	Structure F	constructed	he NRHP. [5]	
Total len	gth 12.2 m =	= 40.0 ft	Length of maximur	n span 11.8 m	= 38.7 ft	Deck width, out-t	io-out 10.2 m = 33.	5 ft Bridge roa	dway width, curb-to-cu	urb 8.5 m = 27.9 ft
5	/ Route, Total	l Horizontal Clear	ance 8.5 m = 27.9 Concrete Cast-in		urb or sidewalk wi	idth - left 0 m = 0	0.0 ft	Curb or side	ewalk width - right	0 m = 0.0 ft
	vearing surface	се	Bituminous [6]							
Deck pro	tection									
Type of r	nembrane/we	earing surface								
Weight I	_imits									
Bypass, detour length Method to determine inventory rating			iting Loa	Load Factor(LF) [1]		Inventory rating 23.4 metric ton = 25.7 tons				
0.6 km = 0.4 mi Method to determine operating rating			ating Loa	Load Factor(LF) [1]		Operating rating	perating rating 61.3 metric ton = 67.4 tons			
Bridge posting Equal to or above legal				ve legal loads	[5]		Design Load			

Functional Details		
Average Daily Traffic 700 Average daily tr	uck traffi 4 % Year 2004 Future average	ge daily traffic 1000 Year 2024
Road classification Major Collector (Rural) [07]	Lanes on structure 2	Approach roadway width 10.4 m = 34.1 ft
Type of service on bridge Highway [1]	Direction of traffic 2 - way traffic [2]	Bridge median
Parallel structure designation No parallel structur	e exists. [N]	
Type of service under bridge Waterway [5]	Lanes under structure 0 Navig	ation control
Navigation vertical clearanc 0 = N/A	Navigation horizontal clearance	0 = N/A
Minimum navigation vertical clearance, vertical lift bri	dge Minimu	m vertical 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 99.9 = Unlin	nited Minimum	lateral underclearance on left 0 = N/A
Minimum Vertical Underclearance 0 = N/A	Minimum vertical underclearance	ce 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	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	striction [A]	Appraisal ratings - structural	Somewhat better than minimum adequacy to tolerate being left in place as is [5]						
Condition ratings - superstructure	Fair [5]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]						
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings -	Somewhat better than minimum adequacy to tolerate being left in place as is [5]						
Condition ratings - deck	Fair [5]	deck geometry							
Scour	Bridge is s	Bridge is scour critical; bridge foundations determined to be unstable. [3]							
Channel and channel protection		Bank and embankment protection is severely undermined. River control devices have severe damage. Large deposits of debris are in the channel. [4]							
Appraisal ratings - water adequa	cy Equal to p	resent desirable criteria [8]	Status evaluation						
Pier or abutment protection			Sufficiency rating 72.9						
Culverts Not applicable. Used	if structure is not	a culvert. [N]							
Traffic safety features - railings		Inpected feature meets currently acce	eptable standards. [1]						
Traffic safety features - transition	าร	Inpected feature meets currently acce	ature meets currently acceptable standards. [1]						
Traffic safety features - approac	h guardrail	Inpected feature meets currently acce	Inpected feature meets currently acceptable standards. [1]						
Traffic safety features - approac	h guardrail ends	Inpected feature meets currently acceptable standards. [1]							
Inspection date October 201	8 [1018]	Designated inspection frequency 24 Months							
Underwater inspection	Not needed [N]	Underwater inspe	ction date						
Fracture critical inspection	Not needed [N]	Fracture critical in	spection date						
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