## 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							43-08-04 =	082-39-46 = -
Michigan [26] St. Clair County [147]		Greenwood [35220] SEC. 11-14 GREEN		NOOD TWP.		43.134444	82.662778	
77200035000B020 Highway agency district 7		Owner County Highway	Owner County Highway Agency [02] Maintena		esponsibility	County Highway Agency [02]		
Route   7794   YALE ROAD   Toll   On free road [3]   Features intersected   EVES DRAIN								
Design - Concrete [1] main         1       Girder and flor	oorbeam system [03	Design - approach ] 0 Other	[00]	Kilometerpoint24Year built1922Skew angle30Historical significance	116.6 km = 1498.3 Year reco Structure Flan Bridge is d	nstructed N/A [0	000]	
Total length 15.2 m = 49.9 ft Length of maximum span 14 m = 45.9 ft Deck width, out-to-out 7.5 m = 24.6 ft Bridge roadway width, curb-to-curb 6.1 m = 20.0 ft								
Inventory Route, Total Horizontal Clearance 6 m = 19.7 ft			Curb or sidewalk wi	idth - left 0 m = 0.0	ft	Curb or sidew	valk width - right	0 m = 0.0 ft
Deck structure type Concrete Cast-in-Place [1]								
Type of wearing surface Bituminous [6]								
Deck protection								
Type of membrane/wearing surface								
Weight Limits								
Bypass, detour length Method to determine inventory rating			Allowable Stress(AS)	) [2] Inv	Inventory rating 18.2 metric ton = 20.0 tons			
0.3 km = 0.2 mi Method to determine operating rating		Allowable Stress(AS)	) [2] Op	perating rating	2.7 metric ton = 3	36.0 tons		
Bridge posting Equal to or above legal loads [5]			egal loads [5]	De	esign Load MS 1	8+Mod / HS 20+N	Vlod [6]	

Functional Details								
Average Daily Traffic       980       Average daily traffic	ick traffi 7 % Year 1994 Future average daily traffi	ic 1210 Year 2014						
Road classification Major Collector (Rural) [07]	Lanes on structure 2	Approach roadway width 9.1 m = 29.9 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 brid	ge Minimum vertical cle	earance 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]								
Repair and Replacement Plans								
Type of work to be performed	Work done by Work to be done by contract [1]							
Replacement of bridge or other structure because of substandard load carrying capacity or substantial	Bridge improvement cost 310000 Roadway	improvement cost 30000						
bridge roadway geometry. [31]	Length of structure improvement 22.9 m = 75.1 ft	Total project cost 460000						
	Year of improvement cost estimate							
	Border bridge - state	rder bridge - percent responsibility of other state						
	Border bridge - structure number							

Inspection and Sufficiency									
Structure status Open, no res	striction [A]	Appraisal ratings - structural	Somewhat better than minimum adequacy to tolerate being left in place as is [5]						
Condition ratings - superstructur	Satisfactory [6]	Appraisal ratings - roadway alignment	Meets minimum tolerable limits to be left in place as is [4]						
Condition ratings - substructure Fair [5]		Appraisal ratings -	Basically intolerable requiring high priority of corrrective action [3]						
Condition ratings - deck	ondition ratings - deck Satisfactory [6]								
Scour	Bridge foundatio	Bridge foundations determined to be stable for assessed or calculated scour condition. [5]							
Channel and channel protection		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 adequacy Equal to p		t minimum criteria [6]	Status evaluation Functionally obsolete [2]						
Pier or abutment protection			Sufficiency rating 50.3						
Culverts Not applicable. Used	if structure is not a culve	ert. [N]							
Traffic safety features - railings		Inpected feature meets currently acce	ptable standards. [1]						
Traffic safety features - transition	IS	Inpected feature meets currently acce	ptable standards. [1]						
Traffic safety features - approact	n guardrail	Inpected feature meets currently acce	ptable standards. [1]						
Traffic safety features - approact	n guardrail ends	Inpected feature meets currently acceptable standards. [1]							
Inspection date February 2009 [0209] Designated inspection frequency 24 Months									
Underwater inspection	Not needed [N]	Underwater insper	ction date						
Fracture critical inspection	Not needed [N]	Fracture critical in	spection date						
Other special inspection	Not needed [N]	Other special insp	ection date						