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							42-17-42 =	084-53-14 = -	
Michigan [26]	26] Calhoun County [025]		Marengo [51520] 4 MI E OF MARSI		IALL		42-17-42 = 42.295000	84.887222	
13315H00020B010 Highway agency district 5			Owner County Highway	Owner County Highway Agency [02] Maintenance responsibility			County Highway A	gency [02]	
Route 0 21 MILE ROAD			Toll On fre	Toll On free road [3] Features intersected RICE CREE			K		
Design - main  Steel [3] Design - approach  Truss - Thru [10] 0 Other						[0000]			
Total length 18.2 m = 59.7 ft Length of maximum span 18.2 m = 59.7 ft Deck width, out-to-out 4.1 m = 13.5 ft Bridge roadway width, curb-to-curb 4 m = 13.1 ft  Inventory Route, Total Horizontal Clearance 4.1 m = 13.5 ft Curb or sidewalk width - left 0 m = 0.0 ft Curb or sidewalk width - right 0 m = 0.0 ft									
Deck structure type Wood or Timber [8]  Type of wearing surface Wood or Timber [7]									
Deck protection Other [9]  Type of membrane/wearing surface									
Weight Limits  Bypass, detour length  0.8 km = 0.5 mi  Method to determine inventory rating  Method to determine operating rating  Bridge posting			, , ,		, ,	17.4 metric ton =			
			2 233 . 33.5.(21)[1]		Design Load M 9 / H 10 [1]				

Functional Details									
Average Daily Traffic 77 Average daily tr	uck traffi 0 % Year 1994 Future average daily traffic 144 Year 2024								
Road classification Local (Rural) [09]	Lanes on structure 2 Approach roadway width 6.7 m = 22.0 ft								
Type of service on bridge Highway [1]	Direction of traffic 2 - way traffic [2]  Bridge median								
Parallel structure designation No parallel structure	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 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]									
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 235000 Roadway improvement cost 95000								
bridge roadway geometry. [31]	Length of structure improvement 25.6 m = 84.0 ft Total project cost 330000								
	Year of improvement cost estimate								
	Border bridge - state  Border bridge - percent responsibility of other state								
	Border bridge - structure number								

Inspection and Sufficiency									
Structure status Posted for lo	ad [P]	Appraisal ratings - structural	high priority of corrrective action [3]						
Condition ratings - superstructur Serious [3]		Appraisal ratings - roadway alignment							
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings -	Basically intolerable requiring high priority of replacement [2]						
Condition ratings - deck	Poor [4]	deck geometry							
Scour	Bridge with "unknown" founda	Bridge with "unknown" foundation that has not been evaluated for scour. [U]							
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 adequac	Equal to present desirable cri	iteria [8]	Status evaluation	Structurally deficient [1]					
Pier or abutment protection				21.1					
Culverts Not applicable. Used if structure is not a culvert. [N]									
Traffic safety features - railings									
Traffic safety features - transitions									
Traffic safety features - approach guardrail									
Traffic safety features - approach guardrail ends									
Inspection date September 2009 [0909] Designated inspection frequency 12 Months									
Underwater inspection   Not needed [N]   Underwater inspection date									
·	Not needed [N]								
Other special inspection   Not needed [N]   Other special inspection date									