

The National Bridge Inventory contains data submitted by state transportation 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

Michigan [26]	Berrien County [021]	Coloma [17340]	2.3 MI E OF I-196	42-09-26 = 42.157222	086-20-09 = - 86.335833
11111017000S020	Highway agency district 5	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 0	CARMODY ROAD	Toll On free road [3]	Features intersected	I-94	
Design - main Concrete continuous [2]	Design - approach	Kilometerpoint 113.6 km = 70.4 mi	Year built 1960	Year reconstructed N/A [0000]	
4 Tee beam [04]	0 Other [00]	Skew angle 44	Structure Flared		
		Historical significance	Bridge is not eligible for the NRHP. [5]		
Total length 110 m = 360.9 ft	Length of maximum span 31.4 m = 103.0 ft	Deck width, out-to-out 10.1 m = 33.1 ft	Bridge roadway width, curb-to-curb	7.9 m = 25.9 ft	
Inventory Route, Total Horizontal Clearance 7.9 m = 25.9 ft	Curb or sidewalk width - left 0.2 m = 0.7 ft	Curb or sidewalk width - right	0.2 m = 0.7 ft		
Deck structure type	Concrete Cast-in-Place [1]				
Type of wearing surface	Monolithic Concrete (concurrently placed with structural deck) [1]				
Deck protection					
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length 0.5 km = 0.3 mi	Method to determine inventory rating	Allowable Stress(AS) [2]	Inventory rating	32.7 metric ton = 36.0 tons
	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	68.2 metric ton = 75.0 tons
Bridge posting	Equal to or above legal loads [5]	Design Load	M 13.5 / H 15 [2]	

Functional Details

Average Daily Traffic	70	Average daily truck traffi	3	%	Year		Future average daily traffic	70	Year	
Road classification	Local (Rural) [09]		Lanes on structure	2		Approach roadway width	5.8 m = 19.0 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	Highway, with or without ped		Lanes under structure	4		Navigation control	Not applicable, no waterway. [N]			
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	Highway beneath structure [H]									
Minimum lateral underclearance on right	4.1 m = 13.5 ft				Minimum lateral underclearance on left	8.5 m = 27.9 ft				
Minimum Vertical Underclearance	4.9 m = 16.1 ft		Minimum vertical underclearance reference feature	Highway beneath structure [H]						
Appraisal ratings - underclearances	Somewhat better than minimum adequacy to tolerate being left in place as is [5]									

Repair and Replacement Plans

Type of work to be performed	Work done by	Work to be done by contract [1]								
Bridge deck replacement with only incidental widening. [37]	Bridge improvement cost	122000	Roadway improvement cost	22000						
	Length of structure improvement	110.1 m = 361.2 ft		Total project cost	254000					
	Year of improvement cost estimate									
	Border bridge - state				Border bridge - percent responsibility of other state					
	Border bridge - structure number									

Inspection and Sufficiency

Structure status	<input type="text" value="Open, no restriction [A]"/>	Appraisal ratings - structural	<input type="text" value="Equal to present minimum criteria [6]"/>
Condition ratings - superstructure	<input type="text" value="Satisfactory [6]"/>	Appraisal ratings - roadway alignment	<input type="text" value="Somewhat better than minimum adequacy to tolerate being left in place as is [5]"/>
Condition ratings - substructure	<input type="text" value="Satisfactory [6]"/>	Appraisal ratings - deck geometry	<input type="text" value="Equal to present minimum criteria [6]"/>
Condition ratings - deck	<input type="text" value="Fair [5]"/>		
Scour	<input type="text" value="Bridge not over waterway. [N]"/>		
Channel and channel protection	<input type="text" value="Not applicable. [N]"/>		
Appraisal ratings - water adequacy	<input type="text" value="N/A [N]"/>	Status evaluation	<input type="text"/>
Pier or abutment protection	<input type="text"/>	Sufficiency rating	<input type="text" value="97"/>
Culverts	<input type="text" value="Not applicable. Used if structure is not a culvert. [N]"/>		
Traffic safety features - railings	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Traffic safety features - transitions	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Traffic safety features - approach guardrail	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Traffic safety features - approach guardrail ends	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Inspection date	<input type="text" value="June 2008 [0608]"/>	Designated inspection frequency	<input type="text" value="24"/> Months
Underwater inspection	<input type="text" value="Not needed [N]"/>	Underwater inspection date	<input type="text"/>
Fracture critical inspection	<input type="text" value="Not needed [N]"/>	Fracture critical inspection date	<input type="text"/>
Other special inspection	<input type="text" value="Not needed [N]"/>	Other special inspection date	<input type="text"/>