

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]	Cheboygan County [031]	Hebron [37480]	4.4 MI S OF US-31	45-40-44 = 45.678889	084-40-49 = - 84.680278
16116092000S020	Highway agency district 2	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 0	HEBRON TOWN HALL R	Toll On free road [3]	Features intersected	I-75	
Design - main Concrete continuous [2]	Design - approach	Kilometerpoint 332 km = 205.8 mi	Year built 1960	Year reconstructed N/A [0000]	
4 Tee beam [04]	0 Other [00]	Skew angle 39	Structure Flared		
		Historical significance	Bridge is not eligible for the NRHP. [5]		
Total length 89.6 m = 294.0 ft	Length of maximum span 28 m = 91.9 ft	Deck width, out-to-out 9.5 m = 31.2 ft	Bridge roadway width, curb-to-curb	7.3 m = 24.0 ft	
Inventory Route, Total Horizontal Clearance 8.8 m = 28.9 ft	Curb or sidewalk width - left 0.7 m = 2.3 ft	Curb or sidewalk width - right	0.7 m = 2.3 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 2.1 km = 1.3 mi	Method to determine inventory rating	Allowable Stress(AS) [2]	Inventory rating	34.5 metric ton = 38.0 tons
	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	67.3 metric ton = 74.0 tons
Bridge posting	Equal to or above legal loads [5]	Design Load	MS 13.5 / HS 15 [3]	

Functional Details

Average Daily Traffic	40	Average daily truck traffi	3	%	Year	1997	Future average daily traffic	65	Year	2007
Road classification	Local (Rural) [09]		Lanes on structure	2		Approach roadway width	10.9 m = 35.8 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	3 m = 9.8 ft				Minimum lateral underclearance on left	10.2 m = 33.5 ft				
Minimum Vertical Underclearance	5.06 m = 16.6 ft		Minimum vertical underclearance reference feature	Highway beneath structure [H]						
Appraisal ratings - underclearances	Meets minimum tolerable limits to be left in place as is [4]									

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	101000	Roadway improvement cost	
	Length of structure improvement	89.6 m = 294.0 ft	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	<input type="text" value="Open, no restriction [A]"/>	Appraisal ratings - structural	<input type="text" value="Better than present minimum criteria [7]"/>
Condition ratings - superstructure	<input type="text" value="Good [7]"/>	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="Good [7]"/>	Appraisal ratings - deck geometry	<input type="text" value="Equal to present minimum criteria [6]"/>
Condition ratings - deck	<input type="text" value="Good [7]"/>		
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="92"/>
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="March 2009 [0309]"/>	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"/>