

The National Bridge Inventory contains data submitted by state transportation departments to the Federal Highway Administration in coded format.  
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**Basic Information**

Michigan [26] Allegan County [005] Unknown [00000] SEC. 8 HOPKINS TWP.

03310H00009B010 Highway agency district 7 Owner County Highway Agency [02] Maintenance responsibility County Highway Agency [02]

Route 0 133RD AVENUE Toll On free road [3] Features intersected RABBIT RIVER

Design - main Steel [3] Design - approach Other [00] Kilometerpoint Year built 1916 Year reconstructed N/A [0000]

1 Truss - Thru [10] 0 Other [00] Skew angle 0 Structure Flared Historical significance Bridge is on the NRHP. [1]

Total length 20.1 m = 65.9 ft Length of maximum span 19.5 m = 64.0 ft Deck width, out-to-out 4.3 m = 14.1 ft Bridge roadway width, curb-to-curb 4.2 m = 13.8 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

Type of membrane/wearing surface

**Weight Limits**

Bypass, detour length 1 km = 0.6 mi Method to determine inventory rating Inventory rating 1.1 metric ton = 1.2 tons

Method to determine operating rating Operating rating 2.3 metric ton = 2.5 tons

Bridge posting 30.0 - 39.9 % below [1] Design Load M 9 / H 10 [1]

### Functional Details

Average Daily Traffic	150	Average daily truck traffi	%	Year	1979	Future average daily traffic	150	Year	1977
Road classification	Local (Rural) [09]	Lanes on structure	2	Approach roadway width	6.1 m = 20.0 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	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	0 = N/A	Minimum lateral underclearance on left							
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 roadway geometry. [31]	Bridge improvement cost	347000	Roadway improvement cost	12000			
	Length of structure improvement	27.1 m = 88.9 ft		Total project cost	141000		
	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 load [P]	Appraisal ratings - structural	Basically intolerable requiring high priority of replacement [2]
Condition ratings - superstructure	Serious [3]	Appraisal ratings - roadway alignment	Basically intolerable requiring high priority of corrective action [3]
Condition ratings - substructure	Critical [2]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Serious [3]		
Scour	Scour calculation/evaluation has not been made. [6]		
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 present desirable criteria [8]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	14.1
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	November 1990 [1190]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Not needed [N]	Fracture critical inspection date	
Other special inspection	Not needed [N]	Other special inspection date	