

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]	Clare County [035]	Frost [30900]	SEC. 10 FROST TWP.	44-08-38 = 44.143889	084-46-56 = - 84.782222
18200033000B010	Highway agency district: 4	Owner County Highway Agency [02]	Maintenance responsibility	County Highway Agency [02]	
Route 0	NORTH CLARE AVE.	Toll On free road [3]	Features intersected	TOWN LINE CREEK	
Design - main Concrete [1]	Design - approach Other [00]	Kilometerpoint 133.3 km = 82.6 mi	Year built 1924	Year reconstructed N/A [0000]	
1	Girder and floorbeam system [03]	0	Skew angle 0	Structure Flared	
			Historical significance	Bridge is not eligible for the NRHP. [5]	
Total length 12.2 m = 40.0 ft	Length of maximum span 11.5 m = 37.7 ft	Deck width, out-to-out 9 m = 29.5 ft	Bridge roadway width, curb-to-curb 7.3 m = 24.0 ft		
Inventory Route, Total Horizontal Clearance 7.3 m = 24.0 ft	Curb or sidewalk width - left 0 m = 0.0 ft	Curb or sidewalk 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 1.9 km = 1.2 mi	Method to determine inventory rating	Allowable Stress(AS) [2]	Inventory rating	11.8 metric ton = 13.0 tons
	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	16.4 metric ton = 18.0 tons
Bridge posting	30.0 - 39.9 % below [1]		Design Load	MS 18+Mod / HS 20+Mod [6]

Functional Details

Average Daily Traffic	820	Average daily truck traffi	0	%	Year	2006	Future average daily traffic	1470	Year	2026
Road classification	Local (Rural) [09]		Lanes on structure	2		Approach roadway width	11 m = 36.1 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	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 roadway geometry. [31]	Bridge improvement cost	0	Roadway improvement cost	0						
	Length of structure improvement	18.4 m = 60.4 ft		Total project cost	0					
	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="Posted for load [P]"/>	Appraisal ratings - structural	<input type="text" value="Basically intolerable requiring high priority of replacement [2]"/>
Condition ratings - superstructure	<input type="text" value="Fair [5]"/>	Appraisal ratings - roadway alignment	<input type="text" value="Equal to present desirable criteria [8]"/>
Condition ratings - substructure	<input type="text" value="Poor [4]"/>	Appraisal ratings - deck geometry	<input type="text" value="Meets minimum tolerable limits to be left in place as is [4]"/>
Condition ratings - deck	<input type="text" value="Poor [4]"/>		
Scour	<input type="text" value="Bridge with 'unknown' foundation that has not been evaluated for scour. [U]"/>		
Channel and channel protection	<input type="text" value="Bank protection is being eroded. River control devices and/or embankment have major damage. Trees and rush restrict the channel. [5]"/>		
Appraisal ratings - water adequacy	<input type="text" value="Meets minimum tolerable limits to be left in place as is [4]"/>	Status evaluation	<input type="text" value="Structurally deficient [1]"/>
Pier or abutment protection	<input type="text"/>	Sufficiency rating	<input type="text" value="4"/>
Culverts	<input type="text" value="Not applicable. Used if structure is not a culvert. [N]"/>		
Traffic safety features - railings	<input type="text"/>		
Traffic safety features - transitions	<input type="text"/>		
Traffic safety features - approach guardrail	<input type="text"/>		
Traffic safety features - approach guardrail ends	<input type="text"/>		
Inspection date	<input type="text" value="May 2008 [0508]"/>	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"/>