

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]	Sanilac County [151]	Bridgehampton [10420]	SEC 29-30 BRIDGEHAMPTON	43-26-45.74 = 43.446039	082-43-55.53 = -82.732092
9551	Highway agency district: 4	Owner County Highway Agency [02]	Maintenance responsibility	County Highway Agency [02]	
Route 7467	RUTH ROAD	Toll On free road [3]	Features intersected	BLACK RIVER I/C DRAIN	
Design - main	Steel [3]	Design - approach		Kilometerpoint	241.2 km = 149.5 mi
3	Stringer/Multi-beam or girder [02]	0	Other [00]	Year built	1952
				Year reconstructed	N/A [0000]
				Skew angle	30
				Structure Flared	
				Historical significance	Bridge is not eligible for the NRHP. [5]
Total length	41.1 m = 134.8 ft	Length of maximum span	13.7 m = 44.9 ft	Deck width, out-to-out	13.3 m = 43.6 ft
Inventory Route, Total Horizontal Clearance	11.5 m = 37.7 ft	Curb or sidewalk width - left	0.5 m = 1.6 ft	Curb or sidewalk width - right	0.5 m = 1.6 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	Method to determine inventory rating	Load Factor (LF) rating reported by rati	Inventory rating	35 metric ton = 38.5 tons
1 km = 0.6 mi	Method to determine operating rating	Load Factor (LF) rating reported by rati	Operating rating	58.6 metric ton = 64.5 tons
Bridge posting	Equal to or above legal loads [5]		Design Load	M 18 / H 20 [4]

Functional Details

Average Daily Traffic	3325	Average daily truck traffi	12	%	Year	2010	Future average daily traffic	6005	Year	2030
Road classification	Major Collector (Rural) [07]		Lanes on structure	2		Approach roadway width	12.2 m = 40.0 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	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]								
Bridge rehabilitation because of general structure deterioration or inadequate strength. [35]	Bridge improvement cost	214000	Roadway improvement cost	122000						
	Length of structure improvement	41.1 m = 134.8 ft		Total project cost	444000					
	Year of improvement cost estimate	2020								
	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="Equal to present desirable criteria [8]"/>
Condition ratings - substructure	<input type="text" value="Satisfactory [6]"/>	Appraisal ratings - deck geometry	<input type="text" value="Somewhat better than minimum adequacy to tolerate being left in place as is [5]"/>
Condition ratings - deck	<input type="text" value="Fair [5]"/>		

Scour

Channel and channel protection

Appraisal ratings - water adequacy	<input type="text" value="Equal to present desirable criteria [8]"/>	Status evaluation	<input type="text"/>
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Pier or abutment protection	<input type="text"/>	Sufficiency rating	<input type="text"/>
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Culverts

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 2020 [0620]"/>	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"/>	