

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]	Van Buren County [159]	Geneva [31840]	6.0 MI W OF BREEDSVILLE	42-20-46 = 42.346111	086-11-12 = - 86.186667
80200016000B010	Highway agency district 5	Owner County Highway Agency [02]	Maintenance responsibility	County Highway Agency [02]	
Route 0	CR 380 20TH AVE	Toll On free road [3]	Features intersected	SOUTH BRANCH BLACK RIVER	
Design - main Steel [3]	Design - approach	Kilometerpoint 931.8 km = 577.7 mi	Year built 1931	Year reconstructed N/A [0000]	
1	Stringer/Multi-beam or girder [02]	0 Other [00]	Skew angle 0	Structure Flared	
			Historical significance	Bridge is not eligible for the NRHP. [5]	
Total length 16.7 m = 54.8 ft	Length of maximum span 15.5 m = 50.9 ft	Deck width, out-to-out 8.8 m = 28.9 ft	Bridge roadway width, curb-to-curb	6.7 m = 22.0 ft	
Inventory Route, Total Horizontal Clearance 6.7 m = 22.0 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 0.3 km = 0.2 mi	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	22.1 metric ton = 24.3 tons
	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	36.9 metric ton = 40.6 tons
Bridge posting		Design Load		

Functional Details

Average Daily Traffic	1725	Average daily truck traffi	0	%	Year	2003	Future average daily traffic	2600	Year	2023
Road classification	Minor Collector (Rural) [08]	Lanes on structure	2	Approach roadway width	10.4 m = 34.1 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	675000	Roadway improvement cost	170000						
	Length of structure improvement	32 m = 105.0 ft		Total project cost	845000					
	Year of improvement cost estimate	2009								
	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 corrective action [3]
Condition ratings - superstructure	Serious [3]	Appraisal ratings - roadway alignment	Better than present minimum criteria [7]
Condition ratings - substructure	Good [7]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of corrective action [3]
Condition ratings - deck	Poor [4]		
Scour	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]		
Channel and channel protection	Bank protection is in need of minor repairs. River control devices and embankment protection have a little minor damage. Banks and/or channel have minor amounts of drift. [7]		
Appraisal ratings - water adequacy	Equal to present desirable criteria [8]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	20.7
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - transitions	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail ends	Inspected feature meets currently acceptable standards. [1]		
Inspection date	October 2009 [1009]	Designated inspection frequency	12 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	