

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]	Huron County [063]	Sebewaing [72180]	0.4 MI E OF M-25	43-43-48 = 43.730000	083-26-17 = - 83.438056
324608000001B01	Highway agency district 4	Owner City or Municipal Highway Agency [04]	Maintenance responsibility	City or Municipal Highway Agency [04]	
Route 0	ANTON STREET	Toll On free road [3]	Features intersected SEBEWAING RIVER		
Design - main Steel [3]	Design - approach	Kilometerpoint 11.3 km = 7.0 mi	Year built 1902	Year reconstructed N/A [0000]	
1 Truss - Thru [10]	0 Other [00]	Skew angle 20	Structure Flared		
		Historical significance Bridge is on the NRHP. [1]			
Total length 30.4 m = 99.7 ft	Length of maximum span 27.4 m = 89.9 ft	Deck width, out-to-out 6.7 m = 22.0 ft	Bridge roadway width, curb-to-curb 6.1 m = 20.0 ft		
Inventory Route, Total Horizontal Clearance 6.2 m = 20.3 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	Allowable Stress(AS) [2]	Inventory rating	2.7 metric ton = 3.0 tons
	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	3 metric ton = 3.3 tons
Bridge posting		Design Load	M 9 / H 10 [1]	

Functional Details

Average Daily Traffic	550	Average daily truck traffi	5	%	Year	2009	Future average daily traffic	882	Year	2029
Road classification	Major Collector (Rural) [07]	Lanes on structure	2	Approach roadway width	9.1 m = 29.9 ft					
Type of service on bridge	Highway [1]	Direction of traffic	One lane bridge for 2 - way traffic [3]		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	750000	Roadway improvement cost	50000						
	Length of structure improvement	38.1 m = 125.0 ft		Total project cost	800000					
	Year of improvement cost estimate	2010								
	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	Critical [2]	Appraisal ratings - roadway alignment	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings - deck geometry	N/A [N]
Condition ratings - deck	Poor [4]		
Scour	Bridge is scour critical; bridge foundations determined to be unstable. [3]		
Channel and channel protection	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	Better than present minimum criteria [7]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	21.1
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings			
Traffic safety features - transitions			
Traffic safety features - approach guardrail	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail ends			
Inspection date	December 2009 [1209]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	December 2009 [1209]
Other special inspection	Not needed [N]	Other special inspection date	