

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]	Kalamazoo County [077]	Texas [79300]	3.3 MI E OF VAN BUREN COL	42-14-08 = 42.235556	085-42-22 = - 85.706111
39139024000S020	Highway agency district 5	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 3909	6 TH STREET	Toll On free road [3]	Features intersected	I-94	
Design - main Concrete continuous [2]	Design - approach	Kilometerpoint 302.4 km = 187.5 mi	Year built 1959	Year reconstructed N/A [0000]	
4 Tee beam [04]	0 Other [00]	Skew angle 28	Structure Flared		
		Historical significance	Bridge is not eligible for the NRHP. [5]		
Total length 78.3 m = 256.9 ft	Length of maximum span 24.3 m = 79.7 ft	Deck width, out-to-out 10.1 m = 33.1 ft	Bridge roadway width, curb-to-curb	8 m = 26.2 ft	
Inventory Route, Total Horizontal Clearance 8 m = 26.2 ft	Curb or sidewalk width - left 0.1 m = 0.3 ft	Curb or sidewalk width - right	0.1 m = 0.3 ft		
Deck structure type	Concrete Cast-in-Place [1]				
Type of wearing surface	Latex Concrete or similar additive [3]				
Deck protection					
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length 0.6 km = 0.4 mi	Method to determine inventory rating	Allowable Stress(AS) [2]	Inventory rating	33.6 metric ton = 37.0 tons
	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	70.9 metric ton = 78.0 tons
Bridge posting	Equal to or above legal loads [5]	Design Load	M 13.5 / H 15 [2]	

Functional Details

Average Daily Traffic	2400	Average daily truck traffi	3	%	Year	1995	Future average daily traffic	3000	Year	2015
Road classification	Major Collector (Rural) [07]		Lanes on structure	2		Approach roadway width	9.4 m = 30.8 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	Highway, with or without ped		Lanes under structure	4		Navigation control	Not applicable, no waterway. [N]			
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	Highway beneath structure [H]									
Minimum lateral underclearance on right	3.2 m = 10.5 ft					Minimum lateral underclearance on left	8.8 m = 28.9 ft			
Minimum Vertical Underclearance	4.83 m = 15.8 ft			Minimum vertical underclearance reference feature	Highway beneath structure [H]					
Appraisal ratings - underclearances	Meets minimum tolerable limits to be left in place as is [4]									

Repair and Replacement Plans

Type of work to be performed	Work done by					Work to be done by contract [1]				
Bridge deck replacement with only incidental widening. [37]	Bridge improvement cost	89000			Roadway improvement cost	9000				
	Length of structure improvement	78.4 m = 257.2 ft			Total project cost	105000				
	Year of improvement cost estimate									
	Border bridge - state					Border bridge - percent responsibility of other state				
	Border bridge - structure number									

Inspection and Sufficiency

Structure status	Open, no restriction [A]	Appraisal ratings - structural	Equal to present minimum criteria [6]
Condition ratings - superstructure	Satisfactory [6]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Good [7]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of corrective action [3]
Condition ratings - deck	Satisfactory [6]		
Scour	Bridge not over waterway. [N]		
Channel and channel protection	Not applicable. [N]		
Appraisal ratings - water adequacy	N/A [N]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection		Sufficiency rating	78.1
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	September 2008 [0908]	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	