

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]	2.1 MI E OF VAN BUREN COL	42-13-40 = 42.227778	085-43-32 = - 85.725556
39139024000S010	Highway agency district 5	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 0	4 TH STREET	Toll On free road [3]	Features intersected	I-94	
Design - main Concrete continuous [2]	Design - approach	Kilometerpoint 53.6 km = 33.2 mi	Year built 1959	Year reconstructed N/A [0000]	
4 Tee beam [04]	0 Other [00]	Skew angle 29	Structure Flared		
		Historical significance	Bridge is not eligible for the NRHP. [5]		
Total length 78.9 m = 258.9 ft	Length of maximum span 24.7 m = 81.0 ft	Deck width, out-to-out 10.1 m = 33.1 ft	Bridge roadway width, curb-to-curb	8.1 m = 26.6 ft	
Inventory Route, Total Horizontal Clearance 8.1 m = 26.6 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 0.8 km = 0.5 mi	Method to determine inventory rating	Allowable Stress(AS) [2]	Inventory rating	36.4 metric ton = 40.0 tons
	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	67.3 metric ton = 74.0 tons
Bridge posting	Equal to or above legal loads [5]	Design Load	M 13.5 / H 15 [2]	

Functional Details

Average Daily Traffic	1111	Average daily truck traffi	3	%	Year	1997	Future average daily traffic	2000	Year	2015
Road classification	Local (Rural) [09]		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	2.7 m = 8.9 ft					Minimum lateral underclearance on left	8.5 m = 27.9 ft			
Minimum Vertical Underclearance	4.55 m = 14.9 ft		Minimum vertical underclearance reference feature	Highway beneath structure [H]						
Appraisal ratings - underclearances	Basically intolerable requiring high priority of corrective action [3]									

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	90000		Roadway improvement cost	9000					
	Length of structure improvement	79 m = 259.2 ft			Total project cost	106000				
	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	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - superstructure	Fair [5]	Appraisal ratings - roadway alignment	Better than present minimum criteria [7]
Condition ratings - substructure	Good [7]	Appraisal ratings - deck geometry	Meets minimum tolerable limits to be left in place as is [4]
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	67.3
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	