

The National Bridge Inventory contains data submitted by state transportation departments to the Federal Highway Administration in coded format.  
 Form Interface Design: www.historicbridges.org. Data Conversion Assistance By www.bridgehunter.com. None of the involved parties make any guarantee of accuracy.

**Basic Information**

Michigan [26]	Calhoun County [025]	Sheridan [72980]	8.9 MI E OF I-69	42-17-00 = 42.283333	084-49-41 = - 84.828056
13113083000S080	Highway agency district 5	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 0	24 MILE ROAD	Toll On free road [3]	Features intersected I-94		
Design - main Concrete continuous [2]	Design - approach	Kilometerpoint 102.8 km = 63.7 mi	Year built 1959	Year reconstructed N/A [0000]	
4 Tee beam [04]	0 Other [00]	Skew angle 0	Structure Flared		
		Historical significance	Bridge is not eligible for the NRHP. [5]		
Total length 69.2 m = 227.0 ft	Length of maximum span 21.6 m = 70.9 ft	Deck width, out-to-out 9.5 m = 31.2 ft	Bridge roadway width, curb-to-curb 7.3 m = 24.0 ft		
Inventory Route, Total Horizontal Clearance 7.3 m = 24.0 ft	Curb or sidewalk width - left 0.9 m = 3.0 ft	Curb or sidewalk width - right 0.9 m = 3.0 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 0.5 km = 0.3 mi	Method to determine inventory rating	Allowable Stress(AS) [2]	Inventory rating	28.2 metric ton = 31.0 tons
	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	55.5 metric ton = 61.1 tons
Bridge posting	Equal to or above legal loads [5]	Design Load	M 13.5 / H 15 [2]	

### Functional Details

Average Daily Traffic  Average daily truck traffi  % Year  Future average daily traffic  Year

Road classification  Lanes on structure  Approach roadway width

Type of service on bridge  Direction of traffic  Bridge median

Parallel structure designation

Type of service under bridge  Lanes under structure  Navigation control

Navigation vertical clearanc  Navigation horizontal clearance

Minimum navigation vertical clearance, vertical lift bridge  Minimum vertical clearance over bridge roadway

Minimum lateral underclearance reference feature

Minimum lateral underclearance on right  Minimum lateral underclearance on left

Minimum Vertical Underclearance  Minimum vertical underclearance reference feature

Appraisal ratings - underclearances

### Repair and Replacement Plans

Type of work to be performed

Work done by

Bridge improvement cost  Roadway improvement cost

Length of structure improvement  Total project cost

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

Better than present minimum criteria [7]

Condition ratings - substructure

Good [7]

Appraisal ratings -  
deck geometry

Somewhat better than minimum adequacy to tolerate being left in place as is [5]

Condition ratings - deck

Fair [5]

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

83.7

Culverts

Not applicable. Used if structure is not a culvert. [N]

Traffic safety features - railings

Traffic safety features - transitions

Traffic safety features - approach guardrail

Traffic safety features - approach guardrail ends

Inspection date

August 2009 [0809]

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