

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]	Wayne County [163]	Inkster [40680]	INKSTER	W/JOHN DALY	00-00-00 = 0.000000	000-00-00 = 0.000000
82311I00031B010	Highway agency district 7	Owner Other Local Agencies [25]	Maintenance responsibility	County Highway Agency [02]		
Route 0	ELM CIRCLE DRIVE	Toll On free road [3]	Features intersected LOWER ROUGE RIVER			
Design - main Steel [3]	Design - approach	Kilometerpoint 0 km = 0.0 mi	Year built 1951	Year reconstructed 1969		
1 Truss - Thru [10]	0 Other [00]	Skew angle 0	Structure Flared			
		Historical significance Bridge is on the NRHP. [1]				
Total length 18.2 m = 59.7 ft	Length of maximum span 17.3 m = 56.8 ft	Deck width, out-to-out 4.4 m = 14.4 ft	Bridge roadway width, curb-to-curb 3.6 m = 11.8 ft			
Inventory Route, Total Horizontal Clearance 3.9 m = 12.8 ft	Curb or sidewalk width - left 0 m = 0.0 ft	Curb or sidewalk width - right 0 m = 0.0 ft				
Deck structure type	Not applicable [N]					
Type of wearing surface	Wood or Timber [7]					
Deck protection						
Type of membrane/wearing surface						

Weight Limits

Bypass, detour length 0 km = 0.0 mi	Method to determine inventory rating	Allowable Stress(AS) [2]	Inventory rating	3.6 metric ton = 4.0 tons
	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	8.2 metric ton = 9.0 tons
Bridge posting		Design Load	M 9 / H 10 [1]	

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

Posted for load [P]

Appraisal ratings -
structural

Basically intolerable requiring high priority of corrective action [3]

Condition ratings - superstructure

Poor [4]

Appraisal ratings -
roadway alignment

Equal to present desirable criteria [8]

Condition ratings - substructure

Satisfactory [6]

Appraisal ratings -
deck geometry

Basically intolerable requiring high priority of replacement [2]

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

Better than present minimum criteria [7]

Status evaluation

Structurally deficient [1]

Pier or abutment protection

Sufficiency rating

19

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

May 2001 [0501]

Designated inspection frequency

24

Months

Underwater inspection

Underwater inspection date

Fracture critical inspection

Every two years [Y24]

Fracture critical inspection date

June 1998 [0698]

Other special inspection

Not needed [N]

Other special inspection date