

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]	Muskegon County [121]	Muskegon [56320]	0.25 MI N OF BAYOU ST	43-15-06 = 43.251667	086-14-06 = - 86.235000
614461800205B01	Highway agency district: 3	Owner City or Municipal Highway Agency [04]	Maintenance responsibility City or Municipal Highway Agency [04]		
Route 0	OTTAWA ST	Toll On free road [3]	Features intersected MUSKEGON RIVER S BRANCH		
Design - main Steel [3]	Design - approach	Kilometerpoint 155.5 km = 96.4 mi	Year built 1929	Year reconstructed N/A [0000]	
1 Stringer/Multi-beam or girder [02]	0 Other [00]	Skew angle 0	Structure Flared	Historical significance Bridge is on the NRHP. [1]	
Total length 11.4 m = 37.4 ft	Length of maximum span 10.9 m = 35.8 ft	Deck width, out-to-out 16.4 m = 53.8 ft	Bridge roadway width, curb-to-curb 12.2 m = 40.0 ft		
Inventory Route, Total Horizontal Clearance 12.1 m = 39.7 ft	Curb or sidewalk width - left 1.8 m = 5.9 ft	Curb or sidewalk width - right 1.8 m = 5.9 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 Load Factor(LF) [1]	Inventory rating 11.6 metric ton = 12.8 tons
	Method to determine operating rating Load Factor(LF) [1]	Operating rating 19.3 metric ton = 21.2 tons
Bridge posting	Design Load MS 13.5 / HS 15 [3]	

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

Serious [3]

Appraisal ratings -
roadway alignment

Equal to present desirable criteria [8]

Condition ratings - substructure

Poor [4]

Appraisal ratings -
deck geometry

Equal to present desirable criteria [8]

Condition ratings - deck

Poor [4]

Scour

Bridge with "unknown" foundation that has not been evaluated for scour. [U]

Channel and channel protection

Bank and embankment protection is severely undermined. River control devices have severe damage. Large deposits of debris are in the channel. [4]

Appraisal ratings - water adequacy

Basically intolerable requiring high priority of corrective action [3]

Status evaluation

Structurally deficient [1]

Pier or abutment protection

Sufficiency rating

33.6

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

Traffic safety features - approach guardrail

Traffic safety features - approach guardrail ends

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