

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]	Ravenna [67280]	IN RAVENNA	43-11-12 = 43.186667	085-56-00 = - 85.933333
614565800013B01	Highway agency district 3	Owner City or Municipal Highway Agency [04]	Maintenance responsibility City or Municipal Highway Agency [04]		
Route 6181	SOUTH MAIN STREET	Toll On free road [3]	Features intersected CROCKERY CREEK		
Design - main Steel [3]	Design - approach	Kilometerpoint 0 km = 0.0 mi	Year built 1940	Year reconstructed N/A [0000]	
2	Stringer/Multi-beam or girder [02]	0	Other [00]	Skew angle 22	Structure Flared
		Historical significance Bridge is not eligible for the NRHP. [5]			
Total length 26.8 m = 87.9 ft	Length of maximum span 13.4 m = 44.0 ft	Deck width, out-to-out 11.6 m = 38.1 ft	Bridge roadway width, curb-to-curb 8.9 m = 29.2 ft		
Inventory Route, Total Horizontal Clearance 8.9 m = 29.2 ft	Curb or sidewalk width - left 0.1 m = 0.3 ft	Curb or sidewalk width - right 1.3 m = 4.3 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 0.6 km = 0.4 mi	Method to determine inventory rating	No rating analysis performed [5]	Inventory rating	32.7 metric ton = 36.0 tons
	Method to determine operating rating	No rating analysis performed [5]	Operating rating	32.7 metric ton = 36.0 tons
Bridge posting	Equal to or above legal loads [5]	Design Load	MS 18+Mod / HS 20+Mod [6]	

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	<input type="text" value="Posted for load [P]"/>	Appraisal ratings - structural	<input type="text" value="Somewhat better than minimum adequacy to tolerate being left in place as is [5]"/>
Condition ratings - superstructure	<input type="text" value="Fair [5]"/>	Appraisal ratings - roadway alignment	<input type="text" value="Better than present minimum criteria [7]"/>
Condition ratings - substructure	<input type="text" value="Fair [5]"/>	Appraisal ratings - deck geometry	<input type="text" value="Basically intolerable requiring high priority of replacement [2]"/>
Condition ratings - deck	<input type="text" value="Fair [5]"/>		
Scour	<input type="text" value="Scour calculation/evaluation has not been made. [6]"/>		
Channel and channel protection	<input type="text" value="Banks are protected or well vegetated. River control devices such as spur dikes and embankment protection are not required or are in a stable condition. [8]"/>		
Appraisal ratings - water adequacy	<input type="text" value="Equal to present minimum criteria [6]"/>	Status evaluation	<input type="text" value="Functionally obsolete [2]"/>
Pier or abutment protection	<input type="text"/>	Sufficiency rating	<input type="text" value="65.5"/>
Culverts	<input type="text" value="Not applicable. Used if structure is not a culvert. [N]"/>		
Traffic safety features - railings	<input type="text"/>		
Traffic safety features - transitions	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Traffic safety features - approach guardrail	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Traffic safety features - approach guardrail ends	<input type="text"/>		
Inspection date	<input type="text" value="November 2001 [1101]"/>	Designated inspection frequency	<input type="text" value="24"/> Months
Underwater inspection	<input type="text"/>	Underwater inspection date	<input type="text"/>
Fracture critical inspection	<input type="text" value="Unknown [N00]"/>	Fracture critical inspection date	<input type="text"/>
Other special inspection	<input type="text" value="Unknown [N00]"/>	Other special inspection date	<input type="text"/>