

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]	Chippewa County [033]	Sault Ste. Marie [71740]	SAULT STE MARIE	46-29-45 = 46.495833	084-19-59 = -84.333056
174602800065B01	Highway agency district: 1	Owner City or Municipal Highway Agency [04]	Maintenance responsibility City or Municipal Highway Agency [04]		
Route 2019	WEST PORTAGE AVE.	Toll On free road [3]	Features intersected POWER CANAL		
Design - main Steel [3]	Design - approach	Kilometerpoint 266.7 km = 165.4 mi	Year built 1970	Year reconstructed 1988	
1 Arch - Thru [12]	0 Other [00]	Skew angle 0	Structure Flared		
		Historical significance	Bridge is not eligible for the NRHP. [5]		
Total length 80.7 m = 264.8 ft	Length of maximum span 80.7 m = 264.8 ft	Deck width, out-to-out 18.7 m = 61.4 ft	Bridge roadway width, curb-to-curb 14.9 m = 48.9 ft		
Inventory Route, Total Horizontal Clearance 14.6 m = 47.9 ft	Curb or sidewalk width - left 1.4 m = 4.6 ft	Curb or sidewalk width - right 1.4 m = 4.6 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 0.2 km = 0.1 mi	Method to determine inventory rating	Allowable Stress(AS) [2]	Inventory rating	33 metric ton = 36.3 tons
	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	74 metric ton = 81.4 tons
Bridge posting	Equal to or above legal loads [5]	Design Load	MS 18 / HS 20 [5]	

### 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	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	Very Good [8]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Very Good [8]		
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	Equal to present desirable criteria [8]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	34.8
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	May 2007 [0507]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	May 2007 [0507]
Other special inspection	Not needed [N]	Other special inspection date	