

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]	Grand Traverse County [055]	Traverse City [80340]	IN TRAVERSE CITY	44-45-53 = 44.764722	085-37-25 = - 85.623611
284676400067B05	Highway agency district 2	Owner City or Municipal Highway Agency [04]	Maintenance responsibility City or Municipal Highway Agency [04]		
Route 2020	NORTH UNION STREET	Toll On free road [3]	Features intersected BOARDMAN RIVER		
Design - main Steel [3]	Design - approach	Kilometerpoint 209.2 km = 129.7 mi	Year built 1955	Year reconstructed N/A [0000]	
2	Stringer/Multi-beam or girder [02]	0	Other [00]	Skew angle 0	Structure Flared
		Historical significance Bridge is not eligible for the NRHP. [5]			
Total length 30.4 m = 99.7 ft	Length of maximum span 15.2 m = 49.9 ft	Deck width, out-to-out 18.5 m = 60.7 ft	Bridge roadway width, curb-to-curb 14 m = 45.9 ft		
Inventory Route, Total Horizontal Clearance 14 m = 45.9 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	Latex Concrete or similar additive [3]				
Deck protection					
Type of membrane/wearing surface					

**Weight Limits**

Bypass, detour length 0.3 km = 0.2 mi	Method to determine inventory rating Allowable Stress(AS) [2]	Inventory rating 42.7 metric ton = 47.0 tons
	Method to determine operating rating Allowable Stress(AS) [2]	Operating rating 42.7 metric ton = 47.0 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

Open, no restriction [A]

Appraisal ratings -  
structural

Better than present minimum criteria [7]

Condition ratings - superstructure

Good [7]

Appraisal ratings -  
roadway alignment

Equal to present desirable criteria [8]

Condition ratings - substructure

Good [7]

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 assessed or calculated scour condition. [5]

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

Functionally obsolete [2]

Pier or abutment protection

Sufficiency rating

77

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

March 2009 [0309]

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