

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
284676400074B06	Highway agency district 2
Owner City or Municipal Highway Agency [04]	Maintenance responsibility City or Municipal Highway Agency [04]
Route 2020	SOUTH CASS STREET
Toll On free road [3]	Features intersected BOARDMAN RIVER
Design - main Concrete [1]	Design - approach
1 Arch - Deck [11]	0 Other [00]
Kilometerpoint 766.2 km = 475.0 mi	Year built 1930
Year reconstructed N/A [0000]	Skew angle 0
Structure Flared	Historical significance Bridge is on the NRHP. [1]
Total length 20.7 m = 67.9 ft	Length of maximum span 20.7 m = 67.9 ft
Deck width, out-to-out 17.8 m = 58.4 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 2.4 m = 7.9 ft
Curb or sidewalk width - right 2.3 m = 7.5 ft	Deck structure type Not applicable [N]
Type of wearing surface Not applicable (applies only to structures with no deck) [N]	Deck protection Not applicable (applies only to structures with no deck) [N]
Type of membrane/wearing surface Not applicable (applies only to structures with no deck) [N]	

Weight Limits	
Bypass, detour length 0.3 km = 0.2 mi	Method to determine inventory rating Allowable Stress(AS) [2]
Inventory rating 24.5 metric ton = 27.0 tons	Method to determine operating rating Allowable Stress(AS) [2]
Operating rating 24.5 metric ton = 27.0 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="Open, no restriction [A]"/>	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="Equal to present desirable criteria [8]"/>
Condition ratings - substructure	<input type="text" value="Fair [5]"/>	Appraisal ratings - deck geometry	<input type="text" value="Somewhat better than minimum adequacy to tolerate being left in place as is [5]"/>
Condition ratings - deck	<input type="text" value="Good [7]"/>		
Scour	<input type="text" value="Bridge foundations determined to be stable for assessed or calculated scour conditions; field review indicates action is required. [4]"/>		
Channel and channel protection	<input type="text" value="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	<input type="text" value="Equal to present desirable criteria [8]"/>	Status evaluation	<input type="text"/>
Pier or abutment protection	<input type="text"/>	Sufficiency rating	<input type="text" value="76.9"/>
Culverts	<input type="text" value="Not applicable. Used if structure is not a culvert. [N]"/>		
Traffic safety features - railings	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Traffic safety features - transitions	<input type="text"/>		
Traffic safety features - approach guardrail	<input type="text"/>		
Traffic safety features - approach guardrail ends	<input type="text"/>		
Inspection date	<input type="text" value="March 2009 [0309]"/>	Designated inspection frequency	<input type="text" value="24"/> Months
Underwater inspection	<input type="text" value="Not needed [N]"/>	Underwater inspection date	<input type="text"/>
Fracture critical inspection	<input type="text" value="Not needed [N]"/>	Fracture critical inspection date	<input type="text"/>
Other special inspection	<input type="text" value="Not needed [N]"/>	Other special inspection date	<input type="text"/>