

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] Genesee County [049] Mundy [56160] BET US23 XWAY & BREWER RD 42-55-45 = 42.929167 083-43-21 = - 83.722500

25315H00011B010 Highway agency district 4 Owner County Highway Agency [02] Maintenance responsibility County Highway Agency [02]

Route 0 REID ROAD Toll On free road [3] Features intersected SWARTZ CREEK

Design - main Steel [3] Design - approach Other [00] Kilometerpoint 10.1 km = 6.3 mi

1 Stringer/Multi-beam or girder [02] 0 Other [00] Year built 1929 Year reconstructed N/A [0000]

Skew angle 0 Structure Flared

Historical significance Bridge is not eligible for the NRHP. [5]

Total length 10.6 m = 34.8 ft Length of maximum span 10 m = 32.8 ft Deck width, out-to-out 10.8 m = 35.4 ft Bridge roadway width, curb-to-curb 9.1 m = 29.9 ft

Inventory Route, Total Horizontal Clearance 9.1 m = 29.9 ft Curb or sidewalk width - left 0 m = 0.0 ft Curb or sidewalk width - right 0 m = 0.0 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 Load Factor(LF) [1] Inventory rating 33.6 metric ton = 37.0 tons

Method to determine operating rating Load Factor(LF) [1] Operating rating 67.2 metric ton = 73.9 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, posting recommended but not legally implemented [B]	Appraisal ratings - structural	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - superstructure	Poor [4]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Good [7]	Appraisal ratings - deck geometry	Equal to present minimum criteria [6]
Condition ratings - deck	Fair [5]		
Scour	Bridge is scour critical; bridge foundations determined to be unstable. [3]		
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	Somewhat better than minimum adequacy to tolerate being left in place as is [5]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	62.9
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	December 2009 [1209]	Designated inspection frequency	12 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	