

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]	Lenawee County [091]	Medina [52820]	0.1 MI EAST SIMS HIGHWAY	41-44-20.22 = 41.738950	084-13-59.91 = -84.233308
5546	Highway agency district: 6	Owner County Highway Agency [02]	Maintenance responsibility	County Highway Agency [02]	
Route 0	MULBERRY ROAD	Toll On free road [3]	Features intersected	LIME CREEK	
Design - main Concrete [1]	Design - approach	Kilometerpoint 1060.6 km = 657.6 mi	Year built 1957	Year reconstructed	
2 Tee beam [04]	0 Other [00]	Skew angle 7	Structure Flared		
		Historical significance	Bridge is not eligible for the NRHP. [5]		
Total length 27.4 m = 89.9 ft	Length of maximum span 13.7 m = 44.9 ft	Deck width, out-to-out 8.4 m = 27.6 ft	Bridge roadway width, curb-to-curb	6.7 m = 22.0 ft	
Inventory Route, Total Horizontal Clearance 6.7 m = 22.0 ft	Curb or sidewalk width - left 0.4 m = 1.3 ft	Curb or sidewalk width - right	0.4 m = 1.3 ft		
Deck structure type	Concrete Cast-in-Place [1]				
Type of wearing surface	Monolithic Concrete (concurrently placed with structural deck) [1]				
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	31.9 metric ton = 35.1 tons
	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	53.1 metric ton = 58.4 tons
Bridge posting	Equal to or above legal loads [5]	Design Load	M 13.5 / H 15 [2]	

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	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - deck	Good [7]		

Scour

Bridge foundations determined to be stable for assessed or calculated scour condition. [5]

Channel and channel protection

Bank protection is being eroded. River control devices and/or embankment have major damage. Trees and rush restrict the channel. [5]

Appraisal ratings - water adequacy	Equal to present minimum criteria [6]	Status evaluation	
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Pier or abutment protection		Sufficiency rating	80.8
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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

September 2018 [0918]

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