

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]	Wayne County [163]	Canton [13120]	CANTON	N/MICHIGAN	42-16-46 = 42.279444	083-27-23 = - 83.456389	
82302H26233B010	Highway agency district	7	Owner	County Highway Agency [02]	Maintenance responsibility	County Highway Agency [02]	
Route	0	LILLEY ROAD	Toll	On free road [3]	Features intersected	LOWER ROUGE RIVER	
Design - main	Steel [3]	Design - approach		Kilometerpoint	25.9 km = 16.1 mi		
1	Truss - Thru [10]	0	Other [00]	Year built	1933	Year reconstructed	N/A [0000]
				Skew angle	30	Structure Flared	
				Historical significance	Bridge is on the NRHP. [1]		
Total length	27.4 m = 89.9 ft		Length of maximum span	25.6 m = 84.0 ft		Deck width, out-to-out	13.4 m = 44.0 ft
Inventory Route, Total Horizontal Clearance	8.5 m = 27.9 ft		Curb or sidewalk width - left	1.5 m = 4.9 ft		Curb or sidewalk width - right	1.5 m = 4.9 ft
Deck structure type	Concrete Cast-in-Place [1]						
Type of wearing surface	Integral Concrete (separate non-modified layer of concrete added to structural deck) [2]						
Deck protection							
Type of membrane/wearing surface							

Weight Limits

Bypass, detour length	Method to determine inventory rating	Allowable Stress(AS) [2]	Inventory rating	39.1 metric ton = 43.0 tons
0.6 km = 0.4 mi	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	53.6 metric ton = 59.0 tons
Bridge posting	Equal to or above legal loads [5]		Design Load	M 18 / H 20 [4]

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	Equal to present minimum criteria [6]
Condition ratings - superstructure	Satisfactory [6]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of corrective action [3]
Condition ratings - deck	Satisfactory [6]		
Scour	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]		
Channel and channel protection	Bank is beginning to slump. River control devices and embankment protection have widespread minor damage. There is minor stream bed movement evident. Debris is restricting the channel slightly. [6]		
Appraisal ratings - water adequacy	Equal to present desirable criteria [8]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection		Sufficiency rating	71.7
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	April 2008 [0408]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	April 2008 [0408]
Other special inspection	Not needed [N]	Other special inspection date	