

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]	Kalamazoo County [077]	Wakeshma [82840]	0.8 MI S,1 MI W OF FULTON	42-06-14.43 = 42.104008	085-22-20.01 = -85.372225
4662	Highway agency district: 5	Owner County Highway Agency [02]	Maintenance responsibility	County Highway Agency [02]	
Route 0	40TH STREET	Toll On free road [3]	Features intersected	LITTLE PORTAGE CREEK	
Design - main 1	Steel [3] Stringer/Multi-beam or girder [02]	Design - approach 0	Other [00]	Kilometerpoint 361.8 km = 224.3 mi	Year built 1912
				Year reconstructed	Skew angle 42
				Structure Flared	Historical significance Bridge is not eligible for the NRHP. [5]
Total length	8.5 m = 27.9 ft	Length of maximum span	7.9 m = 25.9 ft	Deck width, out-to-out	4.9 m = 16.1 ft
Inventory Route, Total Horizontal Clearance	4.1 m = 13.5 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	Monolithic Concrete (concurrently placed with structural deck) [1]				
Deck protection					
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length	Method to determine inventory rating	Load Factor (LF) rating reported by rati	Inventory rating	5.8 metric ton = 6.4 tons
0.2 km = 0.1 mi	Method to determine operating rating	Load Factor (LF) rating reported by rati	Operating rating	9.4 metric ton = 10.3 tons
Bridge posting		Design Load		

Functional Details

Average Daily Traffic	72	Average daily truck traffi	3	%	Year	2005	Future average daily traffic	150	Year	2027
Road classification	Local (Rural) [09]		Lanes on structure	1		Approach roadway width	7.3 m = 24.0 ft			
Type of service on bridge	Highway [1]		Direction of traffic	One lane bridge for 2 - way traffic [3]		Bridge median				
Parallel structure designation	No parallel structure exists. [N]									
Type of service under bridge	Waterway [5]		Lanes under structure	0		Navigation control				
Navigation vertical clearanc	0 = N/A		Navigation horizontal clearance	0 = N/A						
Minimum navigation vertical clearance, vertical lift bridge			Minimum vertical clearance over bridge roadway	99.99 m = 328.1 ft						
Minimum lateral underclearance reference feature	Feature not a highway or railroad [N]									
Minimum lateral underclearance on right	99.9 = Unlimited				Minimum lateral underclearance on left	0 = N/A				
Minimum Vertical Underclearance	0 = N/A		Minimum vertical underclearance reference feature	Feature not a highway or railroad [N]						
Appraisal ratings - underclearances	N/A [N]									

Repair and Replacement Plans

Type of work to be performed	Work done by	Work to be done by contract [1]								
Replacement of bridge or other structure because of substandard load carrying capacity or substantial bridge roadway geometry. [31]	Bridge improvement cost	256000	Roadway improvement cost	68000						
	Length of structure improvement	11 m = 36.1 ft		Total project cost	382000					
	Year of improvement cost estimate									
	Border bridge - state				Border bridge - percent responsibility of other state					
	Border bridge - structure number									

Inspection and Sufficiency

Structure status	Posted for load [P]	Appraisal ratings - structural	Basically intolerable requiring high priority of replacement [2]
Condition ratings - superstructure	Serious [3]	Appraisal ratings - roadway alignment	Basically intolerable requiring high priority of corrective action [3]
Condition ratings - substructure	Poor [4]	Appraisal ratings - deck geometry	Equal to present minimum criteria [6]
Condition ratings - deck	Poor [4]		
Scour	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]		
Channel and channel protection	Bank and embankment protection is severely undermined. River control devices have severe damage. Large deposits of debris are in the channel. [4]		
Appraisal ratings - water adequacy	Better than present minimum criteria [7]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	18.9
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	March 2018 [0318]	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	