

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]	Genesee County [049]	Flint [29000]	IN CITY OF FLINT	43-00-12 = 43.003333	083-41-37 = - 83.693611
254238800235B01	Highway agency district 4	Owner City or Municipal Highway Agency [04]	Maintenance responsibility	City or Municipal Highway Agency [04]	
Route 2002	FENTON ROAD	Toll On free road [3]	Features intersected	THREAD CREEK	
Design - main Concrete [1]	Design - approach	Kilometerpoint 2356.7 km = 1461.2 mi	Year built 1924	Year reconstructed 1948	
1 Arch - Deck [11]	0 Other [00]	Skew angle 54	Structure Flared		
		Historical significance	Bridge is not eligible for the NRHP. [5]		
Total length 20.1 m = 65.9 ft	Length of maximum span 18.2 m = 59.7 ft	Deck width, out-to-out 15.7 m = 51.5 ft	Bridge roadway width, curb-to-curb 12.8 m = 42.0 ft		
Inventory Route, Total Horizontal Clearance 12.8 m = 42.0 ft	Curb or sidewalk width - left 0.9 m = 3.0 ft	Curb or sidewalk width - right 1.5 m = 4.9 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	Load Factor(LF) [1]	Inventory rating	14.5 metric ton = 16.0 tons
	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	32.7 metric ton = 36.0 tons
	Bridge posting		Design Load	MS 18+Mod / HS 20+Mod [6]

### Functional Details

Average Daily Traffic	5687	Average daily truck traffi	8	%	Year	2004	Future average daily traffic	8653	Year	2015
Road classification	Other Principal Arterial (Urban) [14]		Lanes on structure	4	Approach roadway width	12.8 m = 42.0 ft				
Type of service on bridge	Highway-pedestrian [5]		Direction of traffic	2 - way traffic [2]		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	1250000	Roadway improvement cost	250000						
	Length of structure improvement			Total project cost	1500000					
	Year of improvement cost estimate	2007								
	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	Basically intolerable requiring high priority of replacement [2]
Condition ratings - superstructure	Poor [4]	Appraisal ratings - roadway alignment	Equal to present minimum criteria [6]
Condition ratings - substructure	Fair [5]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Not Applicable [N]		
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	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	21.9
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - transitions	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail ends			
Inspection date	February 2009 [0209]	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	