HistoricBridges.org - National Bridge Inventory Data Sheet

2000 Inventory

The National Bridge Inventory contains data submitted by state transportion 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]	Saginaw County [145]	Taymouth [79100]	0.45 MI E OF SEYMOUR ROAD	00-00-00 = 0.000000	000-00-00 = -0.000000

73325H00052B010	Highway agency district: 4	Owner: County Highway Agency [02]	Maintenance responsibility: County Highway Agency [02]		
Route: 0		BURT ROAD	Toll: On free road [3]	Features intersected: FLINT RIVER	
Design - main: Steel [3]	1	Truss - Thru [10]	Design - approach: Steel [3]	2	Stringer/Multi-beam or girder [02]
Kilometerpoint: 0 km = 0.0 mi					
Year built: 1885	Year reconstructed: 1956				
Skew angle: 0	Structure Flared:				
Historical significance: Bridge is on the NRHP. [1]					

Total length: 60 m = 196.9 ft	Length of maximum span: 42.3 m = 138.8 ft	Deck width, out-to-out: 5.2 m = 17.1 ft	Bridge roadway width, curb-to-curb: 4.8 m = 15.7 ft		
Inventory Route, Total Horizontal Clearance: 4.8 m = 15.7 ft	Curb or sidewalk width - left: 0 m = 0.0 ft	Curb or sidewalk width - right: 0 m = 0.0 ft			
Deck structure type: Open Grating [3]					
Type of wearing surface: Other [9]					
Deck protection:					
Type of membrane/wearing surface:					

Weight Limits

Bypass, detour length: 0.3 km = 0.2 mi	Method to determine inventory rating: Allowable Stress(AS) [2]	Inventory rating: 2.7 metric ton = 3.0 tons			
	Method to determine operating rating: Allowable Stress(AS) [2]	Operating rating: 4.5 metric ton = 5.0 tons			
	Bridge posting:	Design Load: M 13.5 / H 15 [2]			

Functional Details

Average Daily Traffic	728	Average daily truck traffi	5 %	Year	1997	Future average daily traffic	972	Year	2008

Road classification	Local (Rural) [09]	Lanes on structure	2	Approach roadway width	6.7 m = 22.0 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	5.33 m = 17.5 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

Bridge rehabilitation because of general structure deterioration or inadequate strength. [35]

Work done by	Work to be done by contract [1]		
Bridge improvement cost	1000	Roadway improvement cost	1000
Length of structure improvement	61 m = 200.1 ft	Total project cost	
Year of improvement cost estimate	1990		
Border bridge - state		Border bridge - percent responsibility of other state	0
Border bridge - structure number			

Inspection and Sufficiency

Structure status	Posted for load [P]	Appraisal ratings - structural	Basically intolerable requiring high priority of corrrective action [3]
Condition ratings - superstructur	Poor [4]	Appraisal ratings - roadway alignment	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - substructure	Poor [4]	Appraisal ratings - deck geometry	N/A [N]
Condition ratings - deck	Poor [4]		

Scour	Scour calculation/evaluation has not been made. [6]
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 minimum criteria [6]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	19.5

Culverts	Not applicable. Used if structure is not a culvert. [N]

Traffic safety features - railings	Inpected feature meets currently acceptable standards. [1]
Traffic safety features - transitions	
Traffic safety features - approach guardrail	
Traffic safety features - approach guardrail ends	

Inspection date	July 1998 [0798]	Designated inspection frequency	24	Months

Underwater inspection	Unknown [N24]	Underwater inspection date	
Fracture critical inspection	Every year [Y12]	Fracture critical inspection date	July 1998 [0798]
Other special inspection	Unknown [N24]	Other special inspection date	July 1998 [0798]