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							45-03-50 =	083-25-50 = -
Michigan [26]	[26] Alpena County [007]		Alpena [01740] 0.2 MI E OF		US23		45.063889	83.430556
044015200072B01 Highway agency district 2			Owner City or Municipal Highway Agency [04] Maintenance responsibility			City or Municipal H	Highway Agency [04]	
Route 2025	SECOND	Toll On free road [3] Features intersected THUNDER			BAY RIVER			
Design - Steel [3] main		Design - Steel [[3]	Kilometerpoint 2 Year built 1939	39.8 km = 148.7	mi constructed 1988	3	
Movable - Bascule [16] 5 Strin		er/Multi-beam or girder [02]	Skew angle 0	Structure F		<u></u>		
				Historical significance	e Bridge	s on the NRHP. []	
Total length 79.8 m = 261.8 ft Length of maximum span 38.7 m = 127.0 ft Deck width, out-to-out 18.9 m = 62.0 ft Bridge roadway width, curb-to-curb 12.2 m = 40.0 ft								
Inventory Route, Total Horizontal Clearance 12.2 m = 40.0 ft			Curb or sidewalk width - left 2.5 m = 8.2 ft Curb or sidew			walk width - right	2.5 m = 8.2 ft	
Deck structure type Concrete Cast-in-Place [1]								
Type of wearing surface Latex Concrete or sim		nilar additive [3]						
Deck protection Epoxy Coated Reinfo		rcing [1]						
Type of membrane/we	aring surface							
Weight Limits								
Bypass, detour length Method to determine inventory rating			Allowable Stress(AS) [2] Ir	nventory rating	36.4 metric ton =	= 40.0 tons	
0.3 km = 0.2 mi Method to determine operating rating		Allowable Stress(AS) [2] C	perating rating	36.4 metric ton =	= 40.0 tons		
Bridge posting Equal to or above legal loads [5]					esign Load MS	5 18 / HS 20 [5]		

Functional Details							
Average Daily Traffic 15700 Average daily tr	uck traffi 0 % Year 1993 Future average daily traffic 17000 Year 2006						
Road classification Minor Arterial (Urban) [16]	Lanes on structure 3 Approach roadway width 14 m = 45.9 ft						
Type of service on bridge Highway-pedestrian [5]	Direction of traffic 2 - way traffic [2] Bridge median						
Parallel structure designation No parallel structure	e exists. [N]						
Type of service under bridge Waterway [5]	Lanes under structure 0 Navigation control Navigation control on waterway (bridge permit required). [1]						
Navigation vertical clearance 2.1 m = 6.9 ft Navigation horizontal clearance 18.9 m = 62.0 ft							
Minimum navigation vertical clearance, vertical lift bridge Minimum vertical clearance over bridge roadway 99.99 m = 328.1 ft							
Minimum lateral underclearance reference feature Fe	eature not a highway or railroad [N]						
Minimum lateral underclearance on right 0 = N/A 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						
	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 res	striction [A]	Appraisal ratings - structural	Somewhat better than minimum adequacy to tolerate being left in place as is [5]					
Condition ratings - superstructur Fair [5]		Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]					
Condition ratings - substructure	ndition ratings - substructure Satisfactory [6]		Meets minimum tolerable limits to be left in place as is [4]					
Condition ratings - deck	Good [7]	deck geometry						
Scour	Scour calculatio	Scour calculation/evaluation has not been made. [6]						
Channel and channel protection		Bank protection is in need of minor repairs. River control devices and embankment protection have a little minor damage. Banks and/or channel have minor amounts of drift. [7]						
Appraisal ratings - water adequac	Equal to presen	t desirable criteria [8]	Status evaluation					
Pier or abutment protection	In place and fur	ctioning [2]	Sufficiency rating 62.7					
Culverts Not applicable. Used	if structure is not a culv	ert. [N]						
Traffic safety features - railings		Inpected feature meets currently acce	reptable standards. [1]					
Traffic safety features - transition	IS	Inpected feature meets currently acceptable standards. [1]						
Traffic safety features - approach	n guardrail							
Traffic safety features - approach	n guardrail ends							
Inspection date October 2008 [1008] Designated inspection frequency 24 Months								
Underwater inspection	Not needed [N]	Underwater inspe	ection date					
Fracture critical inspection	Every two years [Y24]	Fracture critical in	nspection date October 2008 [1008]					
Other special inspection	Every two years [Y24]	Other special insp	pection date October 2008 [1008]					