

The National Bridge Inventory contains data submitted by state transportation 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]	Bay County [017]	Bay City [06020]	IN BAY CITY	43-35-46 = 43.596111	083-53-33 = - 83.892500
09109042000B010	Highway agency district 4	Owner State Highway Agency [01]	Maintenance responsibility State Highway Agency [01]		
Route 25	M-25	Toll On free road [3]	Features intersected SAGINAW RI & MECHELEN DR		
Design - main Steel [3]	Design - approach Steel [3]	Kilometerpoint 452.9 km = 280.8 mi	Year built 1958	Year reconstructed 2005	
1	Movable - Bascule [16]	6	Girder and floorbeam system [03]	Skew angle 0	Structure Flared
				Historical significance	Bridge is not eligible for the NRHP. [5]
Total length 260.3 m = 854.0 ft	Length of maximum span 56.4 m = 185.0 ft	Deck width, out-to-out 20.6 m = 67.6 ft	Bridge roadway width, curb-to-curb 17 m = 55.8 ft		
Inventory Route, Total Horizontal Clearance 20.1 m = 65.9 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	Open Grating [3]				
Type of wearing surface	Epoxy Overlay [5]				
Deck protection	Epoxy Coated Reinforcing [1]				
Type of membrane/wearing surface					

**Weight Limits**

Bypass, detour length 0.2 km = 0.1 mi	Method to determine inventory rating	Allowable Stress(AS) [2]	Inventory rating	34.5 metric ton = 38.0 tons
	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	99.9 metric ton = 109.9 tons
Bridge posting	Equal to or above legal loads [5]	Design Load	MS 18 / HS 20 [5]	

### Functional Details

Average Daily Traffic	22280	Average daily truck traffi	6	%	Year	2007	Future average daily traffic	25100	Year	2025
Road classification	Other Principal Arterial (Urban) [14]		Lanes on structure	4	Approach roadway width	17 m = 55.8 ft				
Type of service on bridge	Highway [1]		Direction of traffic	2 - way traffic [2]		Bridge median	Closed median (no barriers) [2]			
Parallel structure designation	No parallel structure exists. [N]									
Type of service under bridge	Highway-waterway [6]		Lanes under structure	2	Navigation control	Navigation control on waterway (bridge permit required). [1]				
Navigation vertical clearanc	7 m = 23.0 ft		Navigation horizontal clearance	45 m = 147.6 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	Highway beneath structure [H]									
Minimum lateral underclearance on right	2.4 m = 7.9 ft				Minimum lateral underclearance on left	0 = N/A				
Minimum Vertical Underclearance	4.7 m = 15.4 ft		Minimum vertical underclearance reference feature	Highway beneath structure [H]						
Appraisal ratings - underclearances	Somewhat better than minimum adequacy to tolerate being left in place as is [5]									

### Repair and Replacement Plans

Type of work to be performed	Work done by	Work to be done by contract [1]								
Bridge rehabilitation because of general structure deterioration or inadequate strength. [35]	Bridge improvement cost	1454000	Roadway improvement cost	140000						
	Length of structure improvement	260.3 m = 854.0 ft		Total project cost	1594000					
	Year of improvement cost estimate	2005								
	Border bridge - state				Border bridge - percent responsibility of other state					
	Border bridge - structure number									

## Inspection and Sufficiency

Structure status	<input type="text" value="Open, no restriction [A]"/>	Appraisal ratings - structural	<input type="text" value="Equal to present minimum criteria [6]"/>
Condition ratings - superstructure	<input type="text" value="Satisfactory [6]"/>	Appraisal ratings - roadway alignment	<input type="text" value="Somewhat better than minimum adequacy to tolerate being left in place as is [5]"/>
Condition ratings - substructure	<input type="text" value="Satisfactory [6]"/>	Appraisal ratings - deck geometry	<input type="text" value="Somewhat better than minimum adequacy to tolerate being left in place as is [5]"/>
Condition ratings - deck	<input type="text" value="Satisfactory [6]"/>		
Scour	<input type="text" value="Bridge is scour critical; bridge foundations determined to be unstable. [3]"/>		
Channel and channel protection	<input type="text" value="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 adequacy	<input type="text" value="Somewhat better than minimum adequacy to tolerate being left in place as is [5]"/>	Status evaluation	<input type="text"/>
Pier or abutment protection	<input type="text" value="In place and functioning [2]"/>	Sufficiency rating	<input type="text" value="88.8"/>
Culverts	<input type="text" value="Not applicable. Used if structure is not a culvert. [N]"/>		
Traffic safety features - railings	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Traffic safety features - transitions	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Traffic safety features - approach guardrail	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Traffic safety features - approach guardrail ends	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Inspection date	<input type="text" value="September 2009 [0909]"/>	Designated inspection frequency	<input type="text" value="15"/> Months
Underwater inspection	<input type="text" value="Unknown [Y60]"/>	Underwater inspection date	<input type="text" value="August 2005 [0805]"/>
Fracture critical inspection	<input type="text" value="Unknown [Y15]"/>	Fracture critical inspection date	<input type="text" value="September 2009 [0909]"/>
Other special inspection	<input type="text" value="Not needed [N]"/>	Other special inspection date	<input type="text"/>