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							43-35-46 =	083-53-33 = -
Michigan [26] Bay County [017]		Bay City [06020] IN BAY CITY				43.596111	83.892500	
09109042000B010 Highway agency district 4		Owner State Highway Agency [01] Maintenance responsibility		State Highway Ag	ency [01]			
Route 25 M-25		Toll On free road [3] Features intersected SAGINAV		cted SAGINAW	RI & MECHELEN DF	?		
Design - Steel [3] main		Design - approach Steel	[3]	Kilometerpoint Year built 1958	452.9 km = 280.8 Year re	mi constructed 200	5	
1 Movable - Bascule [16] 6 Girde		er and floorbeam system [03]		Structure F				
				Historical significa	nce Bridge i	s not eligible for t	the NRHP. [5]	
Total length 260.3 m	= 854.0 ft Leng	yth of maximum sp	56.4 m = 185.0 ft	Deck width, out-	to-out 20.6 m = 67.	6 ft Bridge roa	dway width, curb-to-o	curb 17 m = 55.8 ft
Inventory Route, Total	Horizontal Clearance	20.1 m = 65.9 ft	Curb or sidewalk w	idth - left 1.5 m	= 4.9 ft	Curb or side	ewalk width - right	1.5 m = 4.9 ft
Deck structure type	Ор	en Grating [3]						
Type of wearing surface	е Ер	oxy Overlay [5]						
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]		Inventory rating	34.5 metric ton	= 38.0 tons		
0.2 km = 0.1 mi	Method to determine	ne 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	5 18 / HS 20 [5]		

Functional Details	
Average Daily Traffic 22280 Average daily tr	uck 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	e 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 bri	dge Minimum vertical clearance over bridge roadway 99.99 m = 328.1 ft
Minimum lateral underclearance reference feature H	ighway beneath structure [H]
Minimum lateral underclearance on right $2.4 \text{ m} = 7.9$	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	er than minimum adequacy to tolerate being left in place as is [5]
Described Described and Discribed	
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
actorior attorior in madequatio on origini [ee]	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

Appraisal ratings   Substructure   Satisfactory   G    Appraisal ratings   Somewhat better than minimum adequacy to tolerate being left in place as it is   Silvature   Somewhat better than minimum adequacy to tolerate being left in place as it   Silvature   Somewhat better than minimum adequacy to tolerate being left in place as it   Silvature   Somewhat better than minimum adequacy to tolerate being left in place as it   Silvature   Somewhat better than minimum adequacy to tolerate being left in place as it   Silvature   Somewhat better than minimum adequacy to tolerate being left in place as it   Silvature   Somewhat better than minimum adequacy to tolerate being left in place as it   Silvature   Somewhat better than minimum adequacy to tolerate being left in place as it   Silvature   Somewhat better than minimum adequacy   Somewhat better than minimum adequacy to tolerate being left   Silvature   Somewhat better than minimum adequacy   Somewhat be	Inspection and Sufficiency									
Condition ratings - superstructure Condition ratings - substructure Condition ratings - substructure Condition ratings - substructure Condition ratings - deck Saitsfactory (6) Appraisal ratings - deck geometry  Bridge is scour critical: bridge foundations determined to be unstable. [3]  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 adequacy  Somewhat better than minimum adequacy to tolerate being left in place as is [5]  Sufficiency rating Sufficiency Sufficiency Suf	Structure status Open, no res		Equal to present minimum criteria [6]							
Condition ratings - deck  Satisfactory [6]  Scour  Bridge is scour critical; bridge foundations determined to be unstable. [3]  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 adequacy  Somewhat better than minimum adequacy to tolerate being left in place as is [5]  Pier or abultment protection  In place and functioning [2]  Sufficiency rating  88.8  Culverts  Not applicable. Used if structure is not a culvert. [N]  Traffic safety features - ransitions  In pected feature meets currently acceptable standards. [1]  Traffic safety features - approach guardrail  Inpected feature meets currently acceptable standards. [1]  Traffic safety features - approach guardrail ends  Inpected feature meets currently acceptable standards. [1]  Traffic safety features - approach guardrail ends  Inpected feature meets currently acceptable standards. [1]  Inspection date  September 2009 [0909]  Designated inspection fequency  Inpected feature meets currently acceptable standards. [1]  Underwater inspection  Unknown [Y15]  Fracture critical inspection date  September 2009 [0909]	Condition ratings - superstructur	Satisfactory [6]								
Condition ratings - deck  Satisfactory [6]  Bridge is scour critical: bridge foundations determined to be unstable. [3]  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]  Pler or abultment protection  In place and functioning [2]  Sufficiency rating  88.8  Culverts  Not applicable. Used if structure is not a culvert. [N]  Traffic safety features - transitions  In place defeature meets currently acceptable standards. [1]  Traffic safety features - approach guardrail  Inspected feature meets currently acceptable standards. [1]  Traffic safety features - approach guardrail  Inspected feature meets currently acceptable standards. [1]  Traffic safety features - approach guardrail  Inspected feature meets currently acceptable standards. [1]  Traffic safety features - approach guardrail  Inspection date  September 2009 [0909]  Designated inspection fequency  Inspection date  September 2009 [0909]  Designated inspection fequency  Fracture critical inspection date  September 2009 [0909]	Condition ratings - substructure	Satisfactory [6]	Appraisal ratings -							
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