## HistoricBridges.org - National Bridge Inventory Data Sheet

## 2009 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		Wayno County [162]				Detroit [22000]		IN DETROIT		42-24-55 =	083-13-07 = -	
Michigan [26]		Wayne County [163]								42.415278	83.218611	
82182193000S050		Highway agency district 7			Owner	ner State Highway Agency [01]		Maintenance	Maintenance responsibility     State Highway Agency [01]		ency [01]	
Route 2	057		6 MI RI	D			Toll On fre	ee road [3]	Features intersed	cted M-39		
Design - Steel continuous main 2 Stringer/Multi-be			der [02]	Design - approach		[00]		Kilometerpoint Year built 1962	Year built 1962 Year reconstructed N/A [0000]			
						J J	xew angle 2 Structure Flared   storical significance Bridge is not eligible for the NRHP. [5]					
Total leng	th 33.2 m =	= 108.9 ft	Leng	th of ma	kimum spa	an 16.4 m	= 53.8 ft	Deck width, out-	to-out 40.2 m = 131	1.9 ft Bridge road	way width, curb-to-o	curb 38.1 m = 125.0 ft
Inventory Route, Total Horizontal Clearance 30.4 m = 99.7 ft			Сι	Curb or sidewalk width - left 0.7 m = 2.3 ft Curb or sidewalk			walk width - right	0.7 m = 2.3 ft				
Deck structure type Concrete Cast-in-Plac			ce [1]									
Type of wearing surface Bituminous [6]												
Deck protection												
Type of membrane/wearing surface												
Weight L	imits											
		determir	ermine inventory rating		Loa	Load Factor(LF) [1]		Inventory rating 50.3 metric ton = 55.3 tons				
0 km = 0	.0 mi	Method to	determir	ne operat	ing rating	Loa	d Factor(LF) [1]		Operating rating	83.9 metric ton =	= 92.3 tons	
		Bridge pos	sting E	Equal to c	r above le	egal loads	[5]		Design Load MS	5 18+Mod / HS 20-	⊦Mod [6]	

Functional Details							
Average Daily Traffic     20700     Average daily tr	uck traffi 3 % Year F	uture average daily traffic 20	0700 Year				
Road classificationOther Principal Arterial (Urban) [14]Lanes on structure8Approach roadway width22.8 m = 74.8 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 Highway, with or witho	ut ped Lanes under structure 6	Navigation control No	t applicable, no waterway. [N]				
Navigation vertical clearanc 0 = N/A	Navigation horizor	ntal clearance 0 = N/A					
Minimum navigation vertical clearance, vertical lift bridge 0 m = 0.0 ft Minimum vertical clearance over bridge roadway 99.99 m = 328.1 ft							
Minimum lateral underclearance reference feature H	ghway beneath structure [H]						
Minimum lateral underclearance on right 3 m = 9.8 ft	Minimum lateral underclearance on right 3 m = 9.8 ft Minimum lateral underclearance on left 1.5 m = 4.9 ft						
Minimum Vertical Underclearance 4.45 m = 14.6 ft	Minimum Vertical Underclearance 4.45 m = 14.6 ft Minimum vertical underclearance reference feature Highway beneath structure [H]						
Appraisal ratings - underclearances Basically intoler	able requiring high priority of corrrective ac	tion [3]					
Repair and Replacement Plans							
Type of work to be performed	Work done by Work to be done by con	tract [1]					
Bridge deck replacement with only incidental widening. [37]	Bridge improvement cost 0	Roadway improv	vement cost 0				
	Length of structure improvement	33.2 m = 108.9 ft Total	project cost 0				
	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	Equal to present minimum criteria [6]						
Condition ratings - superstructur	Good [7]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]						
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings - deck geometry	Superior to present desirable criteria [9]						
Condition ratings - deck	Poor [4]								
Scour	Bridge not over waterway. [N]	Bridge not over waterway. [N]							
Channel and channel protection	Not applicable. [N]								
Approical ratings water adoques	cy N/A [N]								
Appraisal ratings - water adequac	y IN/A [N]	N/A [N] Status evaluation Structurally deficient [1]							
Pier or abutment protection			Sufficiency rating 90						
			Sufficiency rating 90						
Culverts Not applicable. Used	if structure is not a culvert. [N]								
Traffic safety features - railings									
Traffic safety features - transition	IS								
Traffic safety features - approach	n guardrail								
Traffic safety features - approach guardrail ends									
Inspection date June 2008 [0	0608] Designated inspe	ection frequency 24	Months						
Underwater inspection	Not needed [N]	Underwater inspec	ction date						
Fracture critical inspection	Not needed [N]	Fracture critical inspection date							
Other special inspection	Not needed [N]	Other special inspection date							