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							00-00-00 =	000-00-00 = -
Michigan [26]	St. Clair County [147]		Fort Gratiot [29760] SEC. 22-27 FT		T GRATIOT TWP		0.000000	0.000000
77312H00015B010 Highway agency district: 7		Owner County Highway	Owner County Highway Agency [02] Maintenance responsibility			County Highway A	gency [02]	
Route 0 KRAFFT ROAD			Toll On free road [3] Features intersected HOWE DRA			IN		
Design - Steel [3] main Stringer/Mul	iti-beam or girder [02]	Design - approach O Other	[00]	Kilometerpoint Year built 1935 Skew angle 0 Historical significa	Structure F	constructed 1988 lared s not eligible for the		
Total length 7 m = 23	.0 ft Ler	ngth of maximum sp	an 6.4 m = 21.0 ft	Deck width, out	-to-out 12.5 m = 41.	0 ft Bridge road	way width, curb-to-c	11.4 m = 37.4 ft
Inventory Route, Total Horizontal Clearance 11.4 m = 37.4 ft		Curb or sidewalk width - left 0 m = 0		0.0 ft	Curb or side	walk width - right	0 m = 0.0 ft	
Deck structure type Concrete Cast-in-Place [1]								
Type of wearing surface Bituminous [6]								
Deck protection								
Type of membrane/wea	aring surface							
Weight Limits								
Bypass, detour length Method to determine inventory rating		Allowable Stress(AS) [2]		Inventory rating	13.6 metric ton =	: 15.0 tons		
0.5 km = 0.3 mi Method to determine operating rating		Allowable Stress(AS) [2]		Operating rating	24.5 metric ton =	27.0 tons		
Bridge posting Equal to or above lega			egal loads [5]	l loads [5]		Design Load MS 18+Mod / HS 20+Mod [6]		

Functional Details									
Average Daily Traffic 8989 Average daily tr	uck traffi 5 % Year 1994 Future average daily traffic 9200 Year 2014								
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 2 - way traffic [2] 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 99.99 m = 328.1 ft									
Minimum lateral underclearance reference feature Fe	ature 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	Work done by								
Unknown [00]	Bridge improvement cost 0 Roadway improvement cost 0								
	Length of structure improvement 30.5 m = 100.1 ft Total project cost								
	Year of improvement cost estimate 1995								
	Border bridge - state Border bridge - percent responsibility of other state 0								
	Border bridge - structure number								

Inspection and Sufficiency								
Structure status Open, no restriction [A]		Appraisal ratings - structural	Basically	intolerable requiring h	igh priority of corrrective action [3]			
Condition ratings - superstructure Fair [5]		Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]					
Condition ratings - substructure Fair		Appraisal ratings - deck geometry	Meets minimum tolerable limits to be left in place as is [4]					
Condition ratings - deck Fair	[5]							
Scour	Scour calculation/evaluation has not been made. [6]							
Channel and channel protection	Bank and embankment protection is severely undermined. River control devices have severe damage. Large deposits of debris are in the channel. [4]							
Appraisal ratings - water adequacy	Better than present minimum of		Status evaluation	Functionally obsolete [2]				
Pier or abutment protection				Sufficiency rating	49.2			
Culverts Not applicable. Used if structure of the control of the c	cture is not a culvert. [N]							
Traffic safety features - railings								
Traffic safety features - transitions								
Traffic safety features - approach guardrail								
Traffic safety features - approach guar	drail ends							
Inspection date January 1998 [0198] Designated inspection frequency 24 Months								
Underwater inspection Unknown	Underwater inspection date							
Fracture critical inspection Unknown	wn [N24] Fracture critical inspection			2				
Other special inspection Unkn	own [N24]	Other special inspection date						