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]	onia County [067]		Danby [19720]	3 MI S VILL LIMITS F	L LIMITS PORT]D		0.000000	0.000000	
34200072000B010 Highway agency district 3		Owner County Highway Agency [02]		Maintenance re	esponsibility	County Highway A	agency [02]		
Route 3487 CHARLOTTE HIGHWAY Toll On free road [3] Features intersected GRAND RIVER									
Design - Steel [3] main 1 Truss - Thru [[10]	Design - approach 0 Other	· [00]	Kilometerpoint 0 I Year built 1886 Skew angle 0 Historical significance	Structure Flan	nstructed N/A (Cred NRHP. [1]			
Total length 53.9 m = 176.8 ft Length of maximum span 52.7 m = 172.9 ft Deck width, out-to-out 5.7 m = 18.7 ft Bridge roadway width, curb-to-curb 4.4 m = 14.4 ft									
Inventory Route, Total Horizontal Clearance 4.7 m = 15.4 ft			Curb or sidewalk width - left $0 \text{ m} = 0.0 \text{ ft}$		ft	Curb or sidev	valk width - right	0 m = 0.0 ft	
Deck structure type Open Grating [3]									
Type of wearing surface	Ot	her [9]							
Deck protection									
Type of membrane/wearing surface									
Weight Limits									
Bypass, detour length Method to determine inventory rating		Load Factor(LF) [1]		ventory rating	7 metric ton = 7.7	' tons			
0.6 km = 0.4 mi Method to determine operating rating			Load Factor(LF) [1]		perating rating 1	14.4 metric ton =	15.8 tons		
Bridge posting				De	Design Load MS 18+Mod / HS 20+Mod [6]				

Functional Details								
Average Daily Traffic 1344 Average daily tru	ick traffi 10 % Year 1995 Future average daily traffic 2000 Year 2015							
Road classification Major Collector (Rural) [07]	Lanes on structure 1 Approach roadway width 4.5 m = 14.8 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 4.29 m = 14.1 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 Work to be done by contract [1]							
Replacement of bridge or other structure because of substandard load carrying capacity or substantial	Bridge improvement cost 1000 Roadway improvement cost 1000							
bridge roadway geometry. [31]	Length of structure improvement 61 m = 200.1 ft Total project cost							
	Year of improvement cost estimate 1998							
	Border bridge - state Border bridge - percent responsibility of other state 0							
	Border bridge - structure number							

Inspection and Sufficiency									
Structure status Posted for load [P]		Appraisal ratings - structural	Basically intolerable requiring	high priority of replacement [2]					
Condition ratings - superstructur	Poor [4]	Appraisal ratings - roadway alignment	Somewhat better than minimum adequacy to tolerate being left in place as is [5]						
Condition ratings - substructure	Poor [4]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]						
Condition ratings - deck	Serious [3]								
Scour	Scour calculation/evaluation h	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	Better than present minimum	criteria [7]	Status evaluation	Structurally deficient [1]					
Pier or abutment protection				8.4					
Culverts Not applicable. Used	if structure is not a culvert. [N]								
Traffic safety features - railings									
Traffic safety features - transition	ns								
Traffic safety features - approach	n guardrail								
Traffic safety features - approach	n guardrail ends								
Inspection date January 199	8 [0198] Designated inspe	ection frequency 24	Months						
Underwater inspection	Unknown [N24]	Underwater inspec	ction date						
Fracture critical inspection	Unknown [N24]	Fracture critical inspection date							
Other special inspection	Unknown [N24]	Other special insp	ection date						