

# HistoricBridges.org - National Bridge Inventory Data Sheet

2009 Inventory

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	Allegan County	Valley	APPROX 1/4 MI W OF 44TH S	42.552222	-85.979167
03200018000B020	Highway agency district: 5	Owner County Highway Agency	Maintenance responsibility	County Highway Agency	
Route 338		118TH AVE	Toll On free road	Features intersected	SWAN CREEK
Design - main	Concrete	Design - approach		Kilometerpoint	1318.5
1	Girder and floorbeam system	0	Other	Year built	1924
				Year reconstructed	N/A
				Skew angle	0
				Structure Flared	
				Historical significance	Bridge is not eligible for the NRHP.
Total length	49.9	Length of maximum span	47.9	Deck width, out-to-out	29.2
				Bridge roadway width, curb-to-curb	22
Inventory Route, Total Horizontal Clearance	22	Curb or sidewalk width - left	0	Curb or sidewalk width - right	0
Deck structure type	Concrete Cast-in-Place				
Type of wearing surface	Bituminous				
Deck protection					
Type of membrane/wearing surface					

## Weight Limits

Bypass, detour length	0.3	Method to determine inventory rating	Allowable Stress(AS)	Inventory rating	25.5
		Method to determine operating rating	Allowable Stress(AS)	Operating rating	52.9
Bridge posting	Equal to or above legal loads			Design Load	M 13.5 / H 15

### Functional Details

Average Daily Traffic	1077	Average daily truck traffic	7	%	Year	2003	Future average daily traffic	2154	Year	2023
Road classification	Major Collector (Rural)		Lanes on structure	2	Approach roadway width	29.9	Bridge median			
Type of service on bridge	Highway		Direction of traffic	2 - way traffic						
Parallel structure designation	No parallel structure exists.									
Type of service under bridge	Waterway		Lanes under structure	0						
Navigation vertical clearance	N/A		Navigation control					Navigation horizontal clearance	N/A	
Minimum navigation vertical clearance, vertical lift bridge			Minimum vertical clearance over bridge roadway	Unlimited						
Minimum lateral underclearance reference feature	Feature not a highway or railroad									
Minimum lateral underclearance on right	Unlimited		Minimum lateral underclearance on left	N/A						
Minimum Vertical Underclearance	N/A		Minimum vertical underclearance reference feature	Feature not a highway or railroad						
Appraisal ratings - underclearances	N/A									

### Repair and Replacement Plans

Type of work to be performed

Work done by

Bridge improvement cost

Roadway improvement cost

Length of structure improvement

Total project cost

Year of improvement cost estimate

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"/>	Appraisal ratings - structural	<input type="text" value="Equal to present minimum criteria"/>
Condition ratings - superstructure	<input type="text" value="Satisfactory"/>	Appraisal ratings - roadway alignment	<input type="text" value="Meets minimum tolerable limits to be left in place as is"/>
Condition ratings - substructure	<input type="text" value="Good"/>	Appraisal ratings - deck geometry	<input type="text" value="Basically intolerable requiring high priority of corrective action"/>
Condition ratings - deck	<input type="text" value="Poor"/>		
Scour	<input been="" evaluated="" for="" foundation="" has="" not="" scour."="" that="" type="text" unknown\"="" value="Bridge with \"/>		
Channel and channel protection	<input type="text" value="Banks are protected or well vegetated. River control devices such as spur dikes and embankment protection are not required or are in a stable condition."/>		
Appraisal ratings - water adequacy	<input type="text" value="Equal to present desirable criteria"/>	Status evaluation	<input type="text" value="Structurally deficient"/>
Pier or abutment protection	<input type="text"/>	Sufficiency rating	<input type="text" value="64.5"/>
Culverts	<input type="text" value="Not applicable. Used if structure is not a culvert."/>		
Traffic safety features - railings	<input type="text" value="Inspected feature meets currently acceptable standards."/>		
Traffic safety features - transitions	<input type="text"/>		
Traffic safety features - approach guardrail	<input type="text"/>		
Traffic safety features - approach guardrail ends	<input type="text"/>		
Inspection date	<input type="text" value="Nov-07"/>	Designated inspection frequency	<input type="text" value="24"/>
Underwater inspection	<input type="text" value="Not needed"/>	Underwater inspection date	<input type="text"/>
Fracture critical inspection	<input type="text" value="Not needed"/>	Fracture critical inspection date	<input type="text"/>
Other special inspection	<input type="text" value="Not needed"/>	Other special inspection date	<input type="text"/>