

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.

<b>Basic Information</b>		Michigan [26]		Washtenaw County [161]		Ann Arbor [03020]		ANN ARBOR TWP SEC 7		42-19-00 = 42.316667		083-46-41 = - 83.778056	
81309H00019B010		Highway agency district 6		Owner County Highway Agency [02]		Maintenance responsibility		County Highway Agency [02]					
Route 0		MAPLE ROAD		Toll On free road [3]		Features intersected		HURON RIVER					
Design - main Steel [3]		Design - approach Wood or timber [7]		Kilometerpoint 15.1 km = 9.4 mi		Year built 1876		Year reconstructed 2003					
1 Truss - Thru [10]		2 Slab [01]		Skew angle 0		Structure Flared		Historical significance		Bridge is on the NRHP. [1]			
Total length 45.7 m = 149.9 ft		Length of maximum span 36.5 m = 119.8 ft		Deck width, out-to-out 4.9 m = 16.1 ft		Bridge roadway width, curb-to-curb 4.9 m = 16.1 ft							
Inventory Route, Total Horizontal Clearance 4.8 m = 15.7 ft		Curb or sidewalk width - left 0 m = 0.0 ft		Curb or sidewalk width - right 0 m = 0.0 ft									
Deck structure type		Wood or Timber [8]											
Type of wearing surface		Bituminous [6]											
Deck protection													
Type of membrane/wearing surface													

<b>Weight Limits</b>		Bypass, detour length 0.5 km = 0.3 mi		Method to determine inventory rating Load Factor(LF) [1]		Inventory rating 16 metric ton = 17.6 tons	
		Method to determine operating rating Load Factor(LF) [1]		Operating rating 22 metric ton = 24.2 tons			
Bridge posting				Design Load MS 18+Mod / HS 20+Mod [6]			

### Functional Details

Average Daily Traffic  Average daily truck traffi  % Year  Future average daily traffic  Year

Road classification  Lanes on structure  Approach roadway width

Type of service on bridge  Direction of traffic  Bridge median

Parallel structure designation

Type of service under bridge  Lanes under structure  Navigation control

Navigation vertical clearanc  Navigation horizontal clearance

Minimum navigation vertical clearance, vertical lift bridge  Minimum vertical clearance over bridge roadway

Minimum lateral underclearance reference feature

Minimum lateral underclearance on right  Minimum lateral underclearance on left

Minimum Vertical Underclearance  Minimum vertical underclearance reference feature

Appraisal ratings - underclearances

### 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="Posted for load [P]"/>	Appraisal ratings - structural	<input type="text" value="Meets minimum tolerable limits to be left in place as is [4]"/>
Condition ratings - superstructure	<input type="text" value="Very Good [8]"/>	Appraisal ratings - roadway alignment	<input type="text" value="Basically intolerable requiring high priority of replacement [2]"/>
Condition ratings - substructure	<input type="text" value="Good [7]"/>	Appraisal ratings - deck geometry	<input type="text" value="Basically intolerable requiring high priority of replacement [2]"/>
Condition ratings - deck	<input type="text" value="Very Good [8]"/>		
Scour	<input [u]"="" been="" evaluated="" for="" foundation="" has="" not="" scour.="" that="" type="text" unknown\"="" value="Bridge with \"/>		
Channel and channel protection	<input type="text" value="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	<input type="text" value="Equal to present desirable criteria [8]"/>	Status evaluation	<input type="text"/>
Pier or abutment protection	<input type="text"/>	Sufficiency rating	<input type="text" value="47.4"/>
Culverts	<input type="text" value="Not applicable. Used if structure is not a culvert. [N]"/>		
Traffic safety features - railings	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Traffic safety features - transitions	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Traffic safety features - approach guardrail	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Traffic safety features - approach guardrail ends	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Inspection date	<input type="text" value="May 2009 [0509]"/>	Designated inspection frequency	<input type="text" value="12"/> Months
Underwater inspection	<input type="text" value="Every year [Y12]"/>	Underwater inspection date	<input type="text" value="October 2008 [1008]"/>
Fracture critical inspection	<input type="text" value="Not needed [N]"/>	Fracture critical inspection date	<input type="text"/>
Other special inspection	<input type="text" value="Not needed [N]"/>	Other special inspection date	<input type="text"/>

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**Basic Information**

Michigan [26] Washtenaw County [161] Ann Arbor [03020] ANN ARBOR TWP SEC 7 00-00-00 = 0.000000 000-00-00 = - 0.000000

81309H00019B010 Highway agency district 6 Owner County Highway Agency [02] Maintenance responsibility County Highway Agency [02]

Route 0 MAPLE ROAD Toll On free road [3] Features intersected HURON RIVER

Design - main Steel [3] Design - approach Steel [3] Kilometerpoint 0 km = 0.0 mi

1 Truss - Thru [10] 2 Stringer/Multi-beam or girder [02] Year built 1876 Year reconstructed N/A [0000]

Skew angle 0 Structure Flared

Historical significance Bridge is on the NRHP. [1]

Total length 45.7 m = 149.9 ft Length of maximum span 36.5 m = 119.8 ft Deck width, out-to-out 4.8 m = 15.7 ft Bridge roadway width, curb-to-curb 4.8 m = 15.7 ft

Inventory Route, Total Horizontal Clearance 4.8 m = 15.7 ft Curb or sidewalk width - left 0 m = 0.0 ft Curb or sidewalk width - right 0 m = 0.0 ft

Deck structure type Wood or Timber [8]

Type of wearing surface Wood or Timber [7]

Deck protection

Type of membrane/wearing surface

**Weight Limits**

Bypass, detour length 0.8 km = 0.5 mi Method to determine inventory rating Load Factor(LF) [1] Inventory rating 12 metric ton = 13.2 tons

Method to determine operating rating Load Factor(LF) [1] Operating rating 22.5 metric ton = 24.8 tons

Bridge posting 10.0 - 19.9 % below [3] Design Load MS 18+Mod / HS 20+Mod [6]

### Functional Details

Average Daily Traffic	2218	Average daily truck traffi	2	%	Year	1999	Future average daily traffic	2987	Year	2019
Road classification	Local (Urban) [19]	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	4.26 m = 14.0 ft						
Minimum lateral underclearance reference feature	Feature 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 roadway geometry. [31]	Bridge improvement cost	0	Roadway improvement cost	1000						
	Length of structure improvement	57.9 m = 190.0 ft		Total project cost						
	Year of improvement cost estimate	1991								
	Border bridge - state				Border bridge - percent responsibility of other state	0				
	Border bridge - structure number									

## Inspection and Sufficiency

Structure status	<input type="text" value="Posted for load [P]"/>	Appraisal ratings - structural	<input type="text" value="Basically intolerable requiring high priority of replacement [2]"/>
Condition ratings - superstructure	<input type="text" value="Poor [4]"/>	Appraisal ratings - roadway alignment	<input type="text" value="Basically intolerable requiring high priority of replacement [2]"/>
Condition ratings - substructure	<input type="text" value="Good [7]"/>	Appraisal ratings - deck geometry	<input type="text" value="Basically intolerable requiring high priority of replacement [2]"/>
Condition ratings - deck	<input type="text" value="Fair [5]"/>		
Scour	<input type="text" value="Bridge is scour critical; field review indicates that extensive scour has occurred at bridge foundations. [2]"/>		
Channel and channel protection	<input type="text" value="Bank protection is being eroded. River control devices and/or embankment have major damage. Trees and rush restrict the channel. [5]"/>		
Appraisal ratings - water adequacy	<input type="text" value="Equal to present desirable criteria [8]"/>	Status evaluation	<input type="text" value="Structurally deficient [1]"/>
Pier or abutment protection	<input type="text"/>	Sufficiency rating	<input type="text" value="2"/>
Culverts	<input type="text" value="Not applicable. Used if structure is not a culvert. [N]"/>		
Traffic safety features - railings	<input type="text"/>		
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="May 1999 [0599]"/>	Designated inspection frequency	<input type="text" value="24"/> Months
Underwater inspection	<input type="text" value="Unknown [N24]"/>	Underwater inspection date	<input type="text"/>
Fracture critical inspection	<input type="text" value="Unknown [N24]"/>	Fracture critical inspection date	<input type="text"/>
Other special inspection	<input type="text" value="Unknown [N24]"/>	Other special inspection date	<input type="text"/>