

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 [26]	Berrien County [021]	Niles [57760]	IN NILES (N FRONT STREET)	41-50-07 = 41.835278	086-15-30 = - 86.258333
11111052000X010	Highway agency district	Owner	Maintenance responsibility		
Route 31	AMTRAK	Toll On free road [3]	Features intersected	US-31 BR & ST JOSEPH RIV	
Design - main Steel [3]	Design - approach	Kilometerpoint	61.3 km = 38.0 mi		
Truss - Deck [09]		Year built	1899	Year reconstructed	
		Skew angle		Structure Flared	
		Historical significance			
Total length	195.1 m = 640.1 ft	Length of maximum span	33.5 m = 109.9 ft	Deck width, out-to-out	
Inventory Route, Total Horizontal Clearance	12.6 m = 41.3 ft	Curb or sidewalk width - left		Curb or sidewalk width - right	
Deck structure type					
Type of wearing surface					
Deck protection					
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length	Method to determine inventory rating		Inventory rating	
0.5 km = 0.3 mi	Method to determine operating rating		Operating rating	
Bridge posting		Design Load		

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

Appraisal ratings - structural

Condition ratings - superstructure

Appraisal ratings - roadway alignment

Condition ratings - substructure

Appraisal ratings - deck geometry

Condition ratings - deck

Scour

Channel and channel protection

Appraisal ratings - water adequacy

Status evaluation

Pier or abutment protection

Sufficiency rating

Culverts

Traffic safety features - railings

Traffic safety features - transitions

Traffic safety features - approach guardrail

Traffic safety features - approach guardrail ends

Inspection date

Designated inspection frequency

Months

Underwater inspection

Underwater inspection date

Fracture critical inspection

Fracture critical inspection date

Other special inspection

Other special inspection date