

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]	Charlevoix County [029]	Hayes [37340]	1.5 MI W OF BAYSHORE	45-21-53 = 45.364722	085-07-07 = - 85.118611
15115012000X010	Highway agency district	Owner	Maintenance responsibility		
Route 31	CSX RR (ABN)	Toll On free road [3]	Features intersected	US-31	
Design - main Steel [3]	Design - approach	Kilometerpoint	130.6 km = 81.0 mi	Year built	1948
Girder and floorbeam system [03]		Year reconstructed		Skew angle	
		Structure Flared		Historical significance	
Total length	78.9 m = 258.9 ft	Length of maximum span	30.1 m = 98.8 ft	Deck width, out-to-out	
Inventory Route, Total Horizontal Clearance	6.1 m = 20.0 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 km = 0.0 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