

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]	Baraga County [013]	Covington [18600]	2 MI E OF COVINGTON	46-33-07 = 46.551944	088-28-30 = - 88.475000
518	Highway agency district 1	Owner County Highway Agency [02]	Maintenance responsibility	County Highway Agency [02]	
Route 0	OLD M-28	Toll On free road [3]	Features intersected	ROCK RIVER	
Design - main Concrete [1]	Design - approach	Kilometerpoint 381.6 km = 236.6 mi	Year built 1924	Year reconstructed	
1	Girder and floorbeam system [03]	0	Other [00]	Skew angle 0	Structure Flared
		Historical significance		Bridge is on the NRHP. [1]	
Total length 18.6 m = 61.0 ft	Length of maximum span 17.6 m = 57.7 ft	Deck width, out-to-out 8.5 m = 27.9 ft	Bridge roadway width, curb-to-curb 6.7 m = 22.0 ft		
Inventory Route, Total Horizontal Clearance 6.7 m = 22.0 ft	Curb or sidewalk width - left 0 m = 0.0 ft	Curb or sidewalk width - right 0 m = 0.0 ft			
Deck structure type	Concrete Cast-in-Place [1]				
Type of wearing surface	Monolithic Concrete (concurrently placed with structural deck) [1]				
Deck protection					
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length 2.4 km = 1.5 mi	Method to determine inventory rating	No rating analysis performed [5]	Inventory rating	24.3 metric ton = 26.7 tons
	Method to determine operating rating	No rating analysis performed [5]	Operating rating	32.4 metric ton = 35.6 tons
Bridge posting	Equal to or above legal loads [5]	Design Load	M 13.5 / H 15 [2]	

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

Open, no restriction [A]

Appraisal ratings -
structural

Somewhat better than minimum adequacy to tolerate being left in place as is [5]

Condition ratings - superstructure

Fair [5]

Appraisal ratings -
roadway alignment

Equal to present minimum criteria [6]

Condition ratings - substructure

Fair [5]

Appraisal ratings -
deck geometry

Somewhat better than minimum adequacy to tolerate being left in place as is [5]

Condition ratings - deck

Fair [5]

Scour

Bridge foundations determined to be stable for assessed or calculated scour conditions; field review indicates action is required. [4]

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 adequacy

Better than present minimum criteria [7]

Status evaluation

Pier or abutment protection

Sufficiency rating

77.4

Culverts

Not applicable. Used if structure is not a culvert. [N]

Traffic safety features - railings

Inspected feature meets currently acceptable standards. [1]

Traffic safety features - transitions

Traffic safety features - approach guardrail

Traffic safety features - approach guardrail ends

Inspection date

September 2011 [0911]

Designated inspection frequency

24

Months

Underwater inspection

Not needed [N]

Underwater inspection date

Fracture critical inspection

Not needed [N]

Fracture critical inspection date

Other special inspection

Not needed [N]

Other special inspection date