

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] Gogebic County [053] Wakefield [82800] SEC. 30 WAKEFIELD TWP. 00-00-00 = 0.000000 000-00-00 = 0.000000

27305D00040B010 Highway agency district 1 Owner County Highway Agency [02] Maintenance responsibility County Highway Agency [02]

Route 0 KORPELA ROAD Toll On free road [3] Features intersected JACKSON CREEK

Design - main Steel [3] Design - approach Other [00] Kilometerpoint 0 km = 0.0 mi

1 Stringer/Multi-beam or girder [02] 0 Other [00] Year built 1922 Year reconstructed 1940

Skew angle 0 Structure Flared

Historical significance Bridge is not eligible for the NRHP. [5]

Total length 10.6 m = 34.8 ft Length of maximum span 10 m = 32.8 ft Deck width, out-to-out 6.1 m = 20.0 ft Bridge roadway width, curb-to-curb 5.7 m = 18.7 ft

Inventory Route, Total Horizontal Clearance 5.9 m = 19.4 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 19.9 km = 12.3 mi Method to determine inventory rating Allowable Stress(AS) [2] Inventory rating 4.5 metric ton = 5.0 tons

Method to determine operating rating Allowable Stress(AS) [2] Operating rating 10.9 metric ton = 12.0 tons

Bridge posting 20.0 - 29.9 % below [2] 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

Posted for load [P]

Appraisal ratings -  
structural

Basically intolerable requiring high priority of replacement [2]

Condition ratings - superstructure

Satisfactory [6]

Appraisal ratings -  
roadway alignment

Equal to present minimum criteria [6]

Condition ratings - substructure

Critical [2]

Appraisal ratings -  
deck geometry

Meets minimum tolerable limits to be left in place as is [4]

Condition ratings - deck

Satisfactory [6]

Scour

Scour calculation/evaluation has not been made. [6]

Channel and channel protection

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

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

Status evaluation

Structurally deficient [1]

Pier or abutment protection

Sufficiency rating

37.6

Culverts

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

Traffic safety features - railings

Traffic safety features - transitions

Traffic safety features - approach guardrail

Traffic safety features - approach guardrail ends

Inspection date

October 1998 [1098]

Designated inspection frequency

24

Months

Underwater inspection

Unknown [N24]

Underwater inspection date

Fracture critical inspection

Unknown [N24]

Fracture critical inspection date

Other special inspection

Unknown [N24]

Other special inspection date