

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

Pennsylvania [42] Beaver County [007] Potter [62352] POTTER TWP 40-39-13 = 40.653611 080-21-01 = - 80.350278

040018036001760 Highway agency district 11 Owner State Highway Agency [01] Maintenance responsibility State Highway Agency [01]

Route 18 FRANKFORT RD Toll On free road [3] Features intersected RACCOON CREEK POTTER

Design - main Steel [3] Design - approach Other [00] Kilometerpoint 2484.2 km = 1540.2 mi

1 Truss - Thru [10] 0 Other [00] Year built 1932 Year reconstructed 1977

Skew angle 0 Structure Flared

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

Total length 69.8 m = 229.0 ft Length of maximum span 56.4 m = 185.0 ft Deck width, out-to-out 12.8 m = 42.0 ft Bridge roadway width, curb-to-curb 9.8 m = 32.2 ft

Inventory Route, Total Horizontal Clearance 9.8 m = 32.2 ft Curb or sidewalk width - left 1.8 m = 5.9 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 1.4 km = 0.9 mi Method to determine inventory rating Load Factor(LF) [1] Inventory rating 30.8 metric ton = 33.9 tons

Method to determine operating rating Load Factor(LF) [1] Operating rating 50.8 metric ton = 55.9 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

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

Condition ratings - superstructure

Poor [4]

Appraisal ratings -
roadway alignment

Equal to present desirable criteria [8]

Condition ratings - substructure

Fair [5]

Appraisal ratings -
deck geometry

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

Condition ratings - deck

Satisfactory [6]

Scour

Bridge is scour critical; bridge foundations determined to be unstable. [3]

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

Superior to present desirable criteria [9]

Status evaluation

Structurally deficient [1]

Pier or abutment protection

Sufficiency rating

47.1

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

July 2008 [0708]

Designated inspection frequency

24

Months

Underwater inspection

Every two years [Y24]

Underwater inspection date

July 2004 [0704]

Fracture critical inspection

Not needed [N]

Fracture critical inspection date

Other special inspection

Not needed [N]

Other special inspection date