

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] Westmoreland County [129] North Huntingdon [55128] IRWIN INTERCHANGE 40-18-54 = 40.315000 079-40-48 = - 79.680000
 647076990067050 Highway agency district 12 Owner State Toll Authority [31] Maintenance responsibility State Toll Authority [31]
 Route 0 West [4] PA TURNPIKE RAMP Toll On toll road [2] Features intersected SR 0030;B-458
 Design - main Concrete [1] Design - approach Other [00] Kilometerpoint 0 km = 0.0 mi
 1 Frame [07] 0 Other [00] Year built 1939 Year reconstructed N/A [0000]
 Skew angle 7 Structure Flared
 Historical significance Historical significance is not determinable at this time. [4]
 Total length 24.4 m = 80.1 ft Length of maximum span 21.9 m = 71.9 ft Deck width, out-to-out 18.9 m = 62.0 ft Bridge roadway width, curb-to-curb 16.5 m = 54.1 ft
 Inventory Route, Total Horizontal Clearance 8.2 m = 26.9 ft Curb or sidewalk width - left 0.2 m = 0.7 ft Curb or sidewalk width - right 0.2 m = 0.7 ft
 Deck structure type Not applicable [N]
 Type of wearing surface Bituminous [6]
 Deck protection
 Type of membrane/wearing surface

Weight Limits

Bypass, detour length 0.8 km = 0.5 mi Method to determine inventory rating Allowable Stress(AS) [2] Inventory rating 7.3 metric ton = 8.0 tons
 Method to determine operating rating Allowable Stress(AS) [2] Operating rating 51.7 metric ton = 56.9 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

Other structural work, including hydraulic replacements. [38]

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

Basically intolerable requiring high priority of corrective action [3]

Condition ratings - superstructure

Satisfactory [6]

Appraisal ratings -
roadway alignment

Equal to present desirable criteria [8]

Condition ratings - substructure

Satisfactory [6]

Appraisal ratings -
deck geometry

Superior to present desirable criteria [9]

Condition ratings - deck

Satisfactory [6]

Scour

Bridge not over waterway. [N]

Channel and channel protection

Not applicable. [N]

Appraisal ratings - water adequacy

N/A [N]

Status evaluation

Functionally obsolete [2]

Pier or abutment protection

Sufficiency rating

46

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

Inspected feature meets currently acceptable standards. [1]

Inspection date

July 2008 [0708]

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