

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] Greene County [059] Richhill [64512] RICHHILL TOWNSHIP 39-55-10 = 39.919444 080-29-38 = - 80.493889
 18431 Highway agency district 12 Owner State Highway Agency [01] Maintenance responsibility State Highway Agency [01]
 Route 0 SR 4003 Toll On free road [3] Features intersected DUNKARD BR WHEELING CK
 Design - main Steel [3] Design - approach Other [00] Kilometerpoint 75.2 km = 46.6 mi
 2 Stringer/Multi-beam or girder [02] 0 Other [00] Year built 1960 Year reconstructed N/A [0000]
 Skew angle 0 Structure Flared
 Historical significance Bridge is not eligible for the NRHP. [5]
 Total length 38.4 m = 126.0 ft Length of maximum span 18.3 m = 60.0 ft Deck width, out-to-out 10.2 m = 33.5 ft Bridge roadway width, curb-to-curb 8.5 m = 27.9 ft
 Inventory Route, Total Horizontal Clearance 8.5 m = 27.9 ft Curb or sidewalk width - left 0.5 m = 1.6 ft Curb or sidewalk width - right 0.5 m = 1.6 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 1.6 km = 1.0 mi Method to determine inventory rating Load Factor(LF) [1] Inventory rating 55.3 metric ton = 60.8 tons
 Method to determine operating rating Load Factor(LF) [1] Operating rating 92.5 metric ton = 101.8 tons
 Bridge posting Equal to or above legal loads [5] Design Load M 18 / H 20 [4]

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	Equal to present minimum criteria [6]
Condition ratings - superstructure	Satisfactory [6]	Appraisal ratings - roadway alignment	Better than present minimum criteria [7]
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings - deck geometry	Better than present minimum criteria [7]
Condition ratings - deck	Satisfactory [6]		
Scour	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]		
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	Better than present minimum criteria [7]	Status evaluation	
Pier or abutment protection		Sufficiency rating	97
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 2010 [1010]	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	