

The National Bridge Inventory contains data submitted by state transportation departments to the Federal Highway Administration in coded format.
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Basic Information

Pennsylvania [42] Chester County [029] West Nantmeal [83664] NEAR WYEBROOKE 10J08 40-15-31 = 40.258611 075-36-00 = - 75.600000
 154029002002940 Highway agency district 6 Owner State Highway Agency [01] Maintenance responsibility State Highway Agency [01]
 Route 0 CREEK ROAD Toll On free road [3] Features intersected BRANCH BRANDYWINE CREEK
 Design - main Masonry [8] Design - approach Other [00] Kilometerpoint 128.9 km = 79.9 mi
 1 Arch - Deck [11] 0 Other [00] Year built 1914 Year reconstructed 2009
 Skew angle 0 Structure Flared
 Historical significance Bridge is not eligible for the NRHP. [5]
 Total length 6.7 m = 22.0 ft Length of maximum span 6.1 m = 20.0 ft Deck width, out-to-out 7.5 m = 24.6 ft Bridge roadway width, curb-to-curb 6.3 m = 20.7 ft
 Inventory Route, Total Horizontal Clearance 6.3 m = 20.7 ft Curb or sidewalk width - left 0 m = 0.0 ft Curb or sidewalk width - right 0 m = 0.0 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 0.6 km = 0.4 mi Method to determine inventory rating No rating analysis performed [5] Inventory rating 30.8 metric ton = 33.9 tons
 Method to determine operating rating No rating analysis performed [5] Operating rating 62.6 metric ton = 68.9 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	Equal to present minimum criteria [6]
Condition ratings - superstructure	Satisfactory [6]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of corrective action [3]
Condition ratings - deck	Not Applicable [N]		
Scour	Bridge is scour critical; bridge foundations determined to be unstable. [3]		
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	Equal to present desirable criteria [8]	Status evaluation	
Pier or abutment protection		Sufficiency rating	77.1
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	April 2009 [0409]	Designated inspection frequency	24 Months
Underwater inspection	Unknown [Y48]	Underwater inspection date	April 2005 [0405]
Fracture critical inspection	Not needed [N]	Fracture critical inspection date	
Other special inspection	Not needed [N]	Other special inspection date	