

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] Chester County [029] East Brandywine [20864] JUST EAST TR 282 20E07 40-02-51 = 40.047500 075-43-02 = - 75.717222  
 10617 Highway agency district 6 Owner State Highway Agency [01] Maintenance responsibility State Highway Agency [01]  
 Route 0 DORLANS MILL ROAD Toll On free road [3] Features intersected EAST BR BRANDYWINE CREEK  
 Design - main Steel [3] Design - approach Other [00] Kilometerpoint 0 km = 0.0 mi  
 2 Stringer/Multi-beam or girder [02] 0 Other [00] Year built 1931 Year reconstructed N/A [0000]  
 Skew angle 0 Structure Flared  
 Historical significance Bridge is not eligible for the NRHP. [5]  
 Total length 28 m = 91.9 ft Length of maximum span 13.7 m = 44.9 ft Deck width, out-to-out 5.3 m = 17.4 ft Bridge roadway width, curb-to-curb 5.3 m = 17.4 ft  
 Inventory Route, Total Horizontal Clearance 5.3 m = 17.4 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 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 Load Factor(LF) [1] Inventory rating 29.9 metric ton = 32.9 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

Other structural work, including hydraulic replacements. [38]

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	<input type="text" value="Open, no restriction [A]"/>	Appraisal ratings - structural	<input type="text" value="Meets minimum tolerable limits to be left in place as is [4]"/>
Condition ratings - superstructure	<input type="text" value="Poor [4]"/>	Appraisal ratings - roadway alignment	<input type="text" value="Meets minimum tolerable limits to be left in place as is [4]"/>
Condition ratings - substructure	<input type="text" value="Fair [5]"/>	Appraisal ratings - deck geometry	<input type="text" value="Basically intolerable requiring high priority of replacement [2]"/>
Condition ratings - deck	<input type="text" value="Poor [4]"/>		
Scour	<input type="text" value="Bridge is scour critical; bridge foundations determined to be unstable. [3]"/>		
Channel and channel protection	<input type="text" value="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	<input type="text" value="Equal to present desirable criteria [8]"/>	Status evaluation	<input type="text" value="Structurally deficient [1]"/>
Pier or abutment protection	<input type="text"/>	Sufficiency rating	<input type="text" value="44.6"/>
Culverts	<input type="text" value="Not applicable. Used if structure is not a culvert. [N]"/>		
Traffic safety features - railings	<input type="text"/>		
Traffic safety features - transitions	<input type="text"/>		
Traffic safety features - approach guardrail	<input type="text"/>		
Traffic safety features - approach guardrail ends	<input type="text"/>		
Inspection date	<input type="text" value="May 2011 [0511]"/>	Designated inspection frequency	<input type="text" value="24"/> Months
Underwater inspection	<input type="text" value="Not needed [N]"/>	Underwater inspection date	<input type="text"/>
Fracture critical inspection	<input type="text" value="Not needed [N]"/>	Fracture critical inspection date	<input type="text"/>
Other special inspection	<input type="text" value="Not needed [N]"/>	Other special inspection date	<input type="text"/>