

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] East Goshen [21192] EAST GOSHEN TWP 32K08 39-58-22 = 39.972778 075-32-55 = 75.548611

157208006000050 Highway agency district 6 Owner Town or Township Highway Agency [03] Maintenance responsibility Town or Township Highway Agency [03]

Route 0 RESERVOIR RD Toll On free road [3] Features intersected TRIBUTARY OF CHESTER CR

Design - main Masonry [8] Design - approach Other [00] Kilometerpoint 0 km = 0.0 mi

1 Arch - Deck [11] 0 Other [00] Year built 1920 Year reconstructed N/A [0000]

Skew angle 20 Structure Flared

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

Total length 6.4 m = 21.0 ft Length of maximum span 5.8 m = 19.0 ft Deck width, out-to-out 5.7 m = 18.7 ft Bridge roadway width, curb-to-curb 4.7 m = 15.4 ft

Inventory Route, Total Horizontal Clearance 4.7 m = 15.4 ft Curb or sidewalk width - left 0 m = 0.0 ft Curb or sidewalk width - right 0 m = 0.0 ft

Deck structure type Not applicable [N]

Type of wearing surface Not applicable (applies only to structures with no deck) [N]

Deck protection Not applicable (applies only to structures with no deck) [N]

Type of membrane/wearing surface Not applicable (applies only to structures with no deck) [N]

Weight Limits

Bypass, detour length 0.3 km = 0.2 mi Method to determine inventory rating No rating analysis performed [5] Inventory rating 32.7 metric ton = 36.0 tons

Method to determine operating rating No rating analysis performed [5] Operating rating 49 metric ton = 53.9 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	Basically intolerable requiring high priority of corrective action [3]
Condition ratings - superstructure	Serious [3]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Poor [4]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Not Applicable [N]		
Scour	Countermeasures have been installed to mitigate an existing problem with scour. [7]		
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	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	36.4
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings			
Traffic safety features - transitions			
Traffic safety features - approach guardrail	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail ends			
Inspection date	April 2009 [0409]	Designated inspection frequency	24 Months
Underwater inspection	Every two years [Y24]	Underwater inspection date	October 2003 [1003]
Fracture critical inspection	Not needed [N]	Fracture critical inspection date	
Other special inspection	Unknown [N00]	Other special inspection date	