

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] Philadelphia County [101] Philadelphia [60000] BEN FRANKLIN BRD. 29A12 39-57-12 = 39.953333 075-08-06 = - 75.135000
 677301067600000 Highway agency district: 6 Owner Local Toll Authority [32] Maintenance responsibility Local Toll Authority [32]

Route 676 | 676; US30; PATCO Toll Toll bridge [1] Features intersected DELAWARE R; DEL AVE; RR

Design - main Steel [3] Design - approach Steel [3] Kilometerpoint 0 km = 0.0 mi
 3 Suspension [13] 87 Truss - Deck [09] Year built 1926 Year reconstructed 1984
 Skew angle 0 Structure Flared Yes, flared [1]

Historical significance Historical significance is not determinable at this time. [4]

Total length 2490.2 m = 8170.3 ft Length of maximum span 533.4 m = 1750.1 ft Deck width, out-to-out 24.6 m = 80.7 ft Bridge roadway width, curb-to-curb 23.7 m = 77.8 ft

Inventory Route, Total Horizontal Clearance 23.7 m = 77.8 ft Curb or sidewalk width - left 2.9 m = 9.5 ft Curb or sidewalk width - right 2.9 m = 9.5 ft

Deck structure type Other [9]

Type of wearing surface Bituminous [6]

Deck protection

Type of membrane/wearing surface Epoxy [3]

Weight Limits

Bypass, detour length 1.6 km = 1.0 mi Method to determine inventory rating Load Factor(LF) [1] Inventory rating 20 metric ton = 22.0 tons
 Method to determine operating rating Load Factor(LF) [1] Operating rating 33.6 metric ton = 37.0 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	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - superstructure	Fair [5]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Fair [5]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Good [7]		
Scour	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]		
Channel and channel protection	Banks are protected or well vegetated. River control devices such as spur dikes and embankment protection are not required or are in a stable condition. [8]		
Appraisal ratings - water adequacy	Equal to present desirable criteria [8]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection	In place and functioning [2]	Sufficiency rating	36.8
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - transitions			
Traffic safety features - approach guardrail			
Traffic safety features - approach guardrail ends			
Inspection date	June 2008 [0608]	Designated inspection frequency	24 Months
Underwater inspection	Unknown [Y48]	Underwater inspection date	June 2008 [0608]
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	June 2008 [0608]
Other special inspection	Unknown [N00]	Other special inspection date	