

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] Somerset County [111] Somerset [71784] SOMERSET 40-01-06 = 40.018333 079-04-30 = - 79.075000
 557076990110120 Highway agency district 9 Owner State Toll Authority [31] Maintenance responsibility State Toll Authority [31]
 Route 601 PA 601 (LR 269) Toll On free road [3] Features intersected PA TURNPIKE (I-76);B-502
 Design - main Steel [3] Design - approach Other [00] Kilometerpoint 94.6 km = 58.7 mi
 1 Girder and floorbeam system [03] 0 Other [00] Year built 1939 Year reconstructed N/A [0000]
 Skew angle 34 Structure Flared
 Historical significance Bridge is not eligible for the NRHP. [5]
 Total length 41.1 m = 134.8 ft Length of maximum span 40.2 m = 131.9 ft Deck width, out-to-out 17.2 m = 56.4 ft Bridge roadway width, curb-to-curb 14 m = 45.9 ft
 Inventory Route, Total Horizontal Clearance 14.1 m = 46.3 ft Curb or sidewalk width - left 0.2 m = 0.7 ft Curb or sidewalk width - right 2 m = 6.6 ft
 Deck structure type Closed Grating [4]
 Type of wearing surface
 Deck protection
 Type of membrane/wearing surface

Weight Limits

Bypass, detour length 0.6 km = 0.4 mi Method to determine inventory rating Load Factor(LF) [1] Inventory rating 29 metric ton = 31.9 tons
 Method to determine operating rating Load Factor(LF) [1] Operating rating 46.3 metric ton = 50.9 tons
 Bridge posting Equal to or above legal loads [5] Design Load M 13.5 / H 15 [2]

Functional Details

Average Daily Traffic	14966	Average daily truck traffi	8	%	Year	2008	Future average daily traffic	18254	Year	2012
Road classification	Other Principal Arterial (Urban) [14]		Lanes on structure	3	Approach roadway width	13.7 m = 44.9 ft				
Type of service on bridge	Highway-pedestrian [5]		Direction of traffic	2 - way traffic [2]		Bridge median				
Parallel structure designation	No parallel structure exists. [N]									
Type of service under bridge	Highway, with or without ped		Lanes under structure	4	Navigation control	Not applicable, no waterway. [N]				
Navigation vertical clearanc	0 = N/A		Navigation horizontal clearance	0 = N/A						
Minimum navigation vertical clearance, vertical lift bridge			Minimum vertical clearance over bridge roadway	10 m = 32.8 ft						
Minimum lateral underclearance reference feature	Highway beneath structure [H]									
Minimum lateral underclearance on right	83 m = 272.3 ft				Minimum lateral underclearance on left	12 m = 39.4 ft				
Minimum Vertical Underclearance	5 m = 16.4 ft		Minimum vertical underclearance reference feature	Highway beneath structure [H]						
Appraisal ratings - underclearances	Somewhat better than minimum adequacy to tolerate being left in place as is [5]									

Repair and Replacement Plans

Type of work to be performed	Work done by		Work to be done by contract [1]							
Other structural work, including hydraulic replacements. [38]	Bridge improvement cost	0	Roadway improvement cost	0						
	Length of structure improvement	50 m = 164.1 ft		Total project cost	1000					
	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

Satisfactory [6]

Appraisal ratings -
deck geometry

Somewhat better than minimum adequacy to tolerate being left in place as is [5]

Condition ratings - deck

Satisfactory [6]

Scour

Bridge not over waterway. [N]

Channel and channel protection

Not applicable. [N]

Appraisal ratings - water adequacy

N/A [N]

Status evaluation

Pier or abutment protection

Sufficiency rating

77.9

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

Inspected feature meets currently acceptable standards. [1]

Inspection date

August 2008 [0808]

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