

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]		Forest County [053]		Howe [35992]		HOWE TOWNSHIP		41-36-06 = 41.6		079-02-59 = -79.0	
271003011028520		Highway agency district: 1		Owner State Highway Agency [01]		Maintenance responsibility		State Highway Agency [01]			
Route 0		SR 1003,BLUE JAY R		Toll On free road [3]		Features intersected OVER TIONESTA CREEK					
Design - main Steel [3]		Design - approach		Kilometerpoint 775.9 km = 481.1 mi		Year built 1948		Year reconstructed 1982			
1 Truss - Thru [10]		0 Other [00]		Skew angle 0		Structure Flared		Historical significance Historical significance is not determinable at this time. [4]			
Total length 62.5 m = 205.1 ft		Length of maximum span 61.6 m = 202.1 ft		Deck width, out-to-out 5.7 m = 18.7 ft		Bridge roadway width, curb-to-curb 5.5 m = 18.0 ft					
Inventory Route, Total Horizontal Clearance 5.5 m = 18.0 ft		Curb or sidewalk width - left 0 m = 0.0 ft		Curb or sidewalk width - right 0 m = 0.0 ft							
Deck structure type		Open Grating [3]									
Type of wearing surface											
Deck protection											
Type of membrane/wearing surface											

Weight Limits

Bypass, detour length 2.7 km = 1.7 mi		Method to determine inventory rating		Load Factor(LF) [1]		Inventory rating 18.1 metric ton = 19.9 tons	
		Method to determine operating rating		Load Factor(LF) [1]		Operating rating 29.9 metric ton = 32.9 tons	
Bridge posting		30.0 - 39.9 % below [1]		Design Load		M 13.5 / H 15 [2]	

Functional Details

Average Daily Traffic	673	Average daily truck traffi	3	%	Year	2009	Future average daily traffic	827	Year	2026
Road classification	Minor Arterial (Rural) [06]		Lanes on structure	2		Approach roadway width	5.5 m = 18.0 ft			
Type of service on bridge	Highway [1]		Direction of traffic	2 - way traffic [2]		Bridge median				
Parallel structure designation	No parallel structure exists. [N]									
Type of service under bridge	Waterway [5]		Lanes under structure	0		Navigation control				
Navigation vertical clearanc	0 = N/A		Navigation horizontal clearance	0 = N/A						
Minimum navigation vertical clearance, vertical lift bridge	0 m = 0.0 ft				Minimum vertical clearance over bridge roadway	4 m = 13.1 ft				
Minimum lateral underclearance reference feature	Feature not a highway or railroad [N]									
Minimum lateral underclearance on right	0 = N/A				Minimum lateral underclearance on left	0 = N/A				
Minimum Vertical Underclearance	0 = N/A		Minimum vertical underclearance reference feature	Feature not a highway or railroad [N]						
Appraisal ratings - underclearances	N/A [N]									

Repair and Replacement Plans

Type of work to be performed	Work done by	Work to be done by contract [1]								
Replacement of bridge or other structure because of substandard load carrying capacity or substantial bridge roadway geometry. [31]	Bridge improvement cost	0	Roadway improvement cost	0						
	Length of structure improvement	62 m = 203.4 ft		Total project cost	1000					
	Year of improvement cost estimate	2006								
	Border bridge - state				Border bridge - percent responsibility of other state					
	Border bridge - structure number									

Inspection and Sufficiency

Structure status

Posted for load [P]

Appraisal ratings -
structural

Basically intolerable requiring high priority of corrective action [3]

Condition ratings - superstructure

Serious [3]

Appraisal ratings -
roadway alignment

Equal to present minimum criteria [6]

Condition ratings - substructure

Fair [5]

Appraisal ratings -
deck geometry

Basically intolerable requiring high priority of replacement [2]

Condition ratings - deck

Poor [4]

Scour

Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]

Channel and channel protection

Bank protection is in need of minor repairs. River control devices and embankment protection have a little minor damage. Banks and/or channel have minor amounts of drift. [7]

Appraisal ratings - water adequacy

Equal to present minimum criteria [6]

Status evaluation

Structurally deficient [1]

Pier or abutment protection

Sufficiency rating

2

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

July 2009 [0709]

Designated inspection frequency

24

Months

Underwater inspection

Every two years [Y24]

Underwater inspection date

July 2009 [0709]

Fracture critical inspection

Not needed [N]

Fracture critical inspection date

Other special inspection

Unknown [Y06]

Other special inspection date

September 2003 [0903]