

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] York County [133] Franklin [27480] .3 MI EAST OF US15 40-03-25 = 40.056944 077-03-46 = 77.062778
 38013 Highway agency district 8 Owner State Highway Agency [01] Maintenance responsibility State Highway Agency [01]
 Route 0 SR 4038 Toll On free road [3] Features intersected N BR.OF BERMUDIAN CREEK
 Design - main Aluminum, Wrought Iron or Cast Iron [9] Design - approach Other [00] Kilometerpoint 368.4 km = 228.4 mi
 1 Truss - Thru [10] 0 Other [00] Year built 1930 Year reconstructed N/A [0000]
 Skew angle 0 Structure Flared
 Historical significance Bridge is eligible for the NRHP. [2]
 Total length 12.8 m = 42.0 ft Length of maximum span 11.6 m = 38.1 ft Deck width, out-to-out 4.4 m = 14.4 ft Bridge roadway width, curb-to-curb 3.7 m = 12.1 ft
 Inventory Route, Total Horizontal Clearance 3.7 m = 12.1 ft Curb or sidewalk width - left 0.1 m = 0.3 ft Curb or sidewalk width - right 0.1 m = 0.3 ft
 Deck structure type Wood or Timber [8]
 Type of wearing surface Wood or Timber [7]
 Deck protection
 Type of membrane/wearing surface

Weight Limits

Bypass, detour length 0.1 km = 0.1 mi Method to determine inventory rating Allowable Stress(AS) [2] Inventory rating 4.5 metric ton = 5.0 tons
 Method to determine operating rating Allowable Stress(AS) [2] Operating rating 82 metric ton = 90.2 tons
 Bridge posting Design Load

Functional Details

Average Daily Traffic	156	Average daily truck traffi	9	%	Year	2012	Future average daily traffic	210	Year	2032
Road classification	Local (Urban) [19]		Lanes on structure	1		Approach roadway width	3.7 m = 12.1 ft			
Type of service on bridge	Highway [1]		Direction of traffic	One lane bridge for 2 - way traffic [3]		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			Minimum vertical clearance over bridge roadway	99.99 m = 328.1 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	16 m = 52.5 ft		Total project cost	0					
	Year of improvement cost estimate									
	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 replacement [2]
Condition ratings - superstructure	Serious [3]	Appraisal ratings - roadway alignment	Equal to present minimum criteria [6]
Condition ratings - substructure	Good [7]	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	Bank is beginning to slump. River control devices and embankment protection have widespread minor damage. There is minor stream bed movement evident. Debris is restricting the channel slightly. [6]		
Appraisal ratings - water adequacy	Better than present minimum criteria [7]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	21.9
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			
Inspection date	January 2012 [0112]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Unknown [Y06]	Fracture critical inspection date	January 2002 [0102]
Other special inspection	Unknown [Y06]	Other special inspection date	July 2011 [0711]