

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]		Cambria County [021]		Dean [18432]	VILLAGE OF DEAN	40-37-24 = 40.6	078-30-12 = -78.5		
117207051230110		Highway agency district: 9	Owner	County Highway Agency [02]	Maintenance responsibility	County Highway Agency [02]			
Route	0	TWP.RD.T512	Toll	On free road [3]	Features intersected	CLEARFIELD CREEK			
Design - main	Steel [3]	Design - approach		Kilometerpoint	0 km = 0.0 mi				
	1		Truss - Thru [10]	0	Other [00]	Year built	1902	Year reconstructed	N/A [0000]
				Skew angle	0	Structure Flared			
				Historical significance	Bridge is not eligible for the NRHP. [5]				
Total length	31.7 m = 104.0 ft		Length of maximum span	31.1 m = 102.0 ft		Deck width, out-to-out	4.2 m = 13.8 ft	Bridge roadway width, curb-to-curb	3.9 m = 12.8 ft
Inventory Route, Total Horizontal Clearance	3.9 m = 12.8 ft		Curb or sidewalk width - left	0 m = 0.0 ft		Curb or sidewalk width - right	0 m = 0.0 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	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	9.1 metric ton = 10.0 tons
1 km = 0.6 mi	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	15.4 metric ton = 16.9 tons
	Bridge posting		Design Load	M 13.5 / H 15 [2]

Functional Details

Average Daily Traffic	100	Average daily truck traffi	1	%	Year	2007	Future average daily traffic	125	Year	2027
Road classification	Local (Rural) [09]		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	0 m = 0.0 ft				Minimum vertical clearance over bridge roadway	5 m = 16.4 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	40 m = 131.2 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

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

Fair [5]

Appraisal ratings -
deck geometry

Meets minimum tolerable limits to be left in place as is [4]

Condition ratings - deck

Fair [5]

Scour

Bridge foundations determined to be stable for assessed or calculated scour condition. [5]

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 desirable criteria [8]

Status evaluation

Structurally deficient [1]

Pier or abutment protection

Sufficiency rating

22.5

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

November 2008 [1108]

Designated inspection frequency

6

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