

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] Mercer County [085] French Creek [27824] FRENCH CREEK TOWNSHIP 41-28-16 = 41.471111 080-01-07 = - 80.018611
 431015006014720 Highway agency district 1 Owner State Highway Agency [01] Maintenance responsibility State Highway Agency [01]
 Route 0 SR 1015,NEW LBANON Toll On free road [3] Features intersected OVER FRENCH CREEK
 Design - main Aluminum, Wrought Iron or Cast Iron [9] Design - approach Other [00] Kilometerpoint 424.2 km = 263.0 mi
 2 Truss - Thru [10] 0 Other [00] Year built 1898 Year reconstructed 1990
 Skew angle 0 Structure Flared
 Historical significance Bridge is eligible for the NRHP. [2]
 Total length 84.1 m = 275.9 ft Length of maximum span 41.8 m = 137.1 ft Deck width, out-to-out 5.6 m = 18.4 ft Bridge roadway width, curb-to-curb 5 m = 16.4 ft
 Inventory Route, Total Horizontal Clearance 5 m = 16.4 ft Curb or sidewalk width - left 0.2 m = 0.7 ft Curb or sidewalk width - right 0.2 m = 0.7 ft
 Deck structure type Wood or Timber [8]
 Type of wearing surface
 Deck protection
 Type of membrane/wearing surface

Weight Limits

Bypass, detour length 1.9 km = 1.2 mi Method to determine inventory rating Load Factor(LF) [1] Inventory rating 10 metric ton = 11.0 tons
 Method to determine operating rating Load Factor(LF) [1] Operating rating 13.6 metric ton = 15.0 tons
 Bridge posting Design Load M 13.5 / H 15 [2]

Functional Details

Average Daily Traffic	338	Average daily truck traffi	9	%	Year	2008	Future average daily traffic	547	Year	2025
Road classification	Minor Collector (Rural) [08]		Lanes on structure	2		Approach roadway width	4.9 m = 16.1 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	2 m = 6.6 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	84 m = 275.6 ft		Total project cost	2000					
	Year of improvement cost estimate	2005								
	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

Poor [4]

Appraisal ratings -
roadway alignment

Basically intolerable requiring high priority of corrective action [3]

Condition ratings - substructure

Fair [5]

Appraisal ratings -
deck geometry

Basically intolerable requiring high priority of replacement [2]

Condition ratings - deck

Satisfactory [6]

Scour

Bridge is scour critical; bridge foundations determined to be unstable. [3]

Channel and channel protection

Bank protection is being eroded. River control devices and/or embankment have major damage. Trees and rush restrict the channel. [5]

Appraisal ratings - water adequacy

Superior to present desirable criteria [9]

Status evaluation

Structurally deficient [1]

Pier or abutment protection

Sufficiency rating

1

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

August 2009 [0809]

Designated inspection frequency

24

Months

Underwater inspection

Not needed [N]

Underwater inspection date

Fracture critical inspection

Every two years [Y24]

Fracture critical inspection date

August 2009 [0809]

Other special inspection

Every year [Y12]

Other special inspection date

August 2009 [0809]