

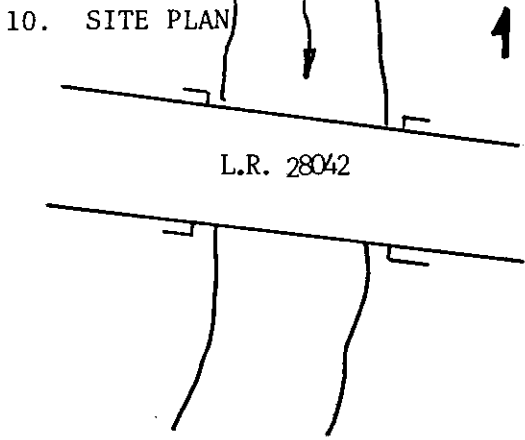
9. HISTORICAL DATA

8. USGS QUAD. Cherry Run
 UTM's: Zone 17
 E | 7 | 5 | 3 | 8 | 9 | 0 |
 N | 4 | 4 | 0 | 2 | 3 | 4 | 0 |
 E | | | | | | | |
 N | | | | | | | |

Designer/Engineer: Unknown

 Builder/Contractor:
 Nelson & Buchanon, Chambersburg, PA

 Bridge Company:
 Pittsburgh Bridge Company



Date(s): 1887 ; basis Ozalide

 1887 ; basis bridge plaque

 1888 ; basis bridge plaque
 J.S. Sniverly, John Waidlich, Jacob Middow-
 Commissioners
 _____ ; basis

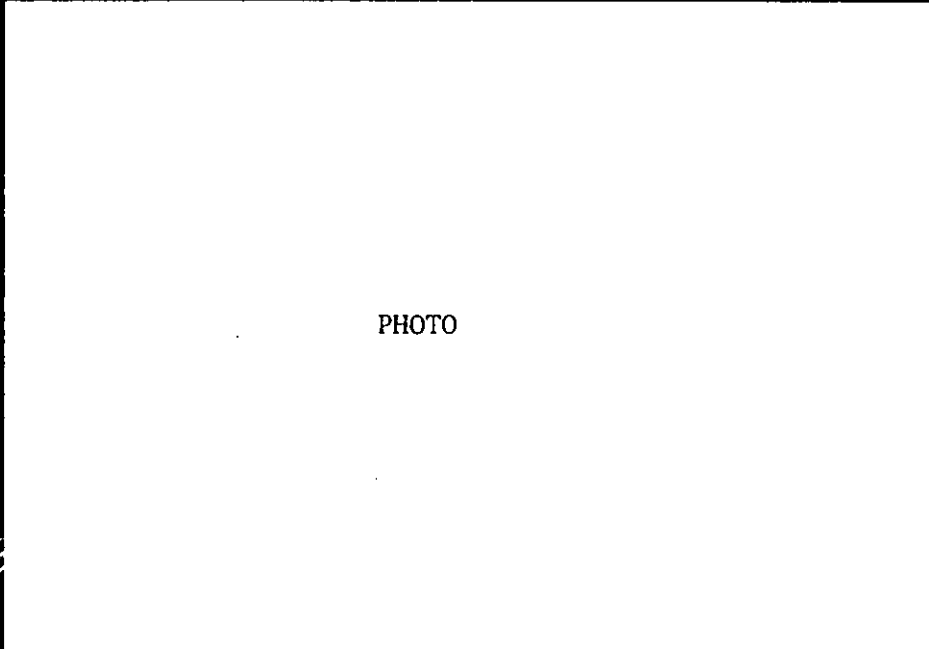
 Use: vehicular present; vehicular original.

11. INTEGRITY

altered; _____
 unaltered; _____
 moved; _____

Explain:
 bolted splice plates
 on top chords

12. VIEW downstream no. 9



13. COMMENTS

Unusual features:
 good stonework.

Locale/environment:
 Rural; farmland

14. DIMENSIONS

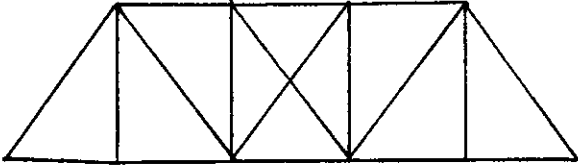
spans: 1 no., 76 ft. O/A
 main: 1 no., 70 ft.
 secondary: ___ no., ___ ft.
 approach: ___ no., ___ ft.
 piers: ___ no.
 towers: ___ no., ___ ft.

1. County Franklin
 2. Municipality Warren Twp.
 3. Structure No. 28042
 4. Survey Code T-24
 5. Present Name Leake's Mill Bridge
 6. Other name (historic name if any) Leake Mill
 7. Crossing L.R. 28042 over Little Cove Creek

15. TYPE

CHARACTERISTICS

Truss: continuous/cantilever:



- webbing: Pratt
- anchor span: _____
- cantilever span: _____
- suspended span: _____
- thru/deck/low (pony): full-slope/half-hip.
- connections: pin/riveted.
- eyebars: loop welded/die forged.
- railing: _____
- columns: latticed channels

Arch: masonry/metal:

- thru/deck/1/2-thru.
- fixed (hingeless) /1/2/3-hinged.
- ribs: solid/braced; crescent/parallel.
- spandrels: open/solid/braced.
- intrados/vault; ribbed/solid.
- shape: semi-circular/elliptical/segmental; stilted.
- skew

Suspension:

- stiffening: braced-chain (1/2/3-hinged) /suspended truss.
- wire cable: twisted/parallel.
- eyebar chain.
- back-stay: straight/curved.

Bascule:

- single/double leaf.
- rolling lift: Schertzer.
- trunnion: simple (Chicago) /multiple (Strauss).
- counterweights: heel/overhead.
- Page/Rall.
- semi-lift/direct lift.

Swing:

- bearing: center/rim/combination.
- (see Truss above).

Vertical Lift:

- (see Truss above).

Other:

- other: _____

16. MATERIALS (primary)

Superstructure	type	treatment/finish	source
main span:	iron	penned connections, riveted;	channels
towers:	_____	_____	_____
railings:	_____	_____	_____
Substructure			
piers:	stone	coarse	_____
abutments:	stone/concrete	coarse	_____
wings:	stone	coarse	_____
intrados/ribs:	_____	_____	_____
voussoirs:	_____	_____	_____

17. PHOTO NO's.

08-03-(36-37) and
08 -04

18. PREPARED BY: Michael Connolly
AGENCY/ORGANIZATION:

; DATE: 8/82

Survey Number: T-24

Bridge Name and Address: Yeakle's Mill Bridge
L.R. 28042 over Little Cove
Creek, Franklin County

Owner: Commonwealth of Pennsylvania
Department of Transportation
Transportation & Safety
Building
Harrisburg, Pennsylvania 17120

Statement of Significance: The Yeakle's Mill Bridge is a representative example of a Pratt pony truss. It was fabricated in 1888 by the Pittsburgh Bridge Company of Pittsburgh. This single-span bridge is one of six Pratt pony trusses included in this nomination. It is one of only a few metal truss bridges located in the south central portion of Pennsylvania.

Boundary Description: The nominated property consists of a 90 feet long by 25 feet wide rectangle, whose vertices coincide with the outside corners of the wing walls, and includes only bridge superstructure and substructure.

Acreage of Nominated Property: Less than one acre.

Area of Significance: Engineering. Criterion C.

CHERRY RUN QUADRANGLE
MARYLAND-WEST VIRGINIA-PENNSYLVANIA
7.5 MINUTE SERIES (TOPOGRAPHIC)

5463 IV SW
(MERCERSBURG)

2'30" 1920 000 FEET (PA.)

10 MI. TO PA. 16
SYLVAN Q.5 MI.

2 420 000 FEET (W. VA.)

78°00'

39°45'

150 000 FEET (PA.)

4403

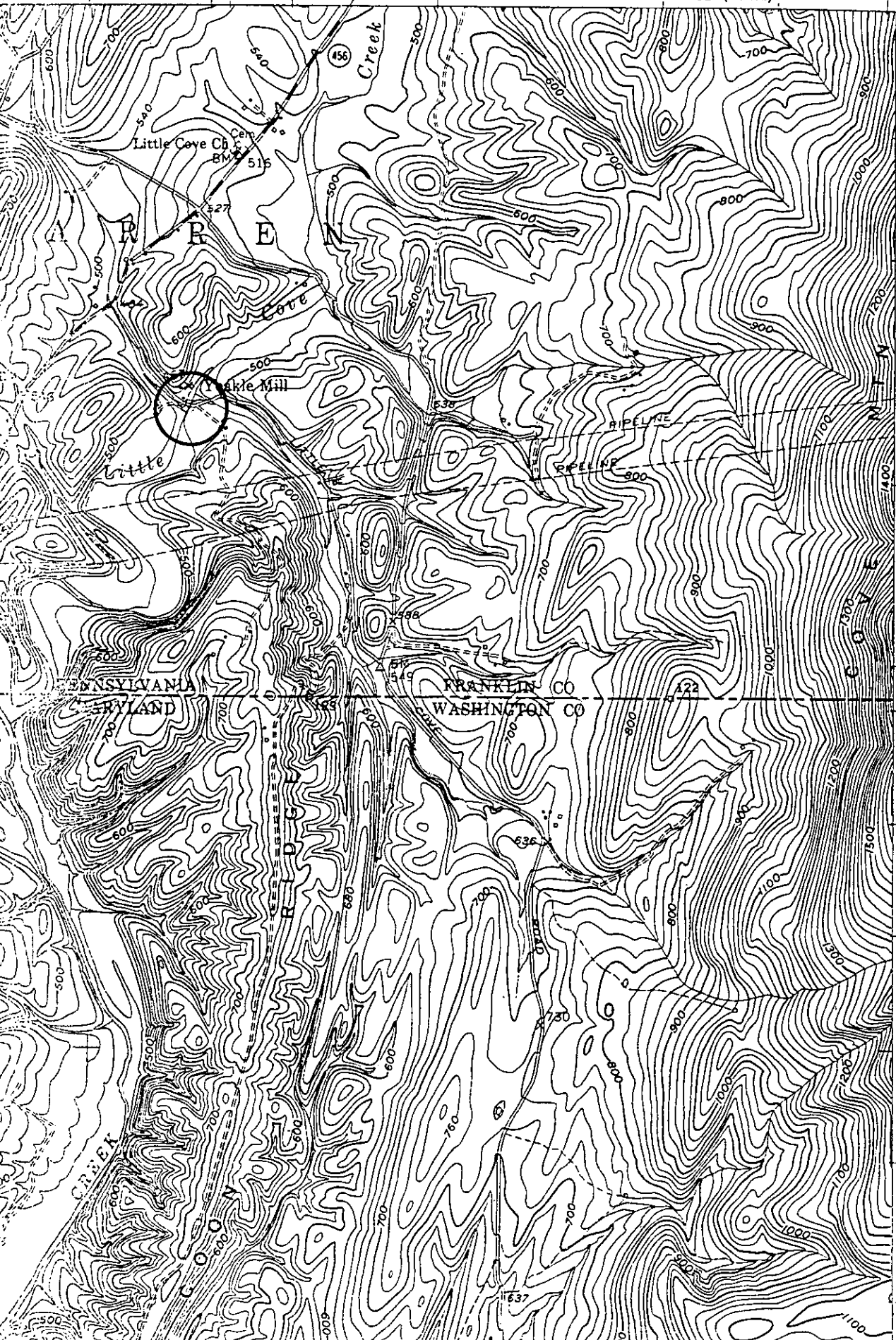
450 000 FEET (W. VA.)

4401

4400

42'30"

4399



PENNSYLVANIA
MARYLAND

FRANKLIN CO
WASHINGTON CO

Franklin Co.
L.R. 28042
Warren Twp.
Cherry Run. Quad