

PENNSYLVANIA HISTORIC RESOURCE SURVEY FORM
 Bureau for Historic Preservation
 PA Historical & Museum Commission

Box 1026
 Harrisburg, PA 17120

9. HISTORICAL DATA

8. USGS QUAD. Stillwater

UTM's: Zone 18
 E | 3 | 9 | 1 | 2 | 6 | 0 |
 N | 4 | 5 | 5 | 6 | 1 | 6 | 0 |
 E | | | | | | | |
 N | | | | | | | |

Designer/Engineer:

Flink, G. A.

Builder/Contractor:

Elder, John L.

Bridge Company:

Unknown

Date(s): 1915 ; basis Inspection report

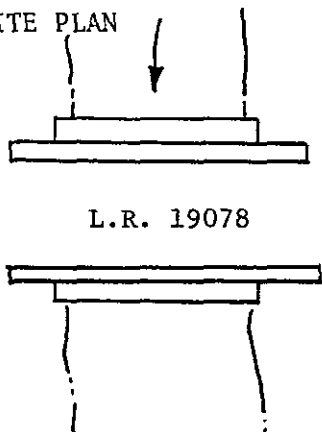
1915 ; basis Plaque

_____ ; basis

_____ ; basis

Use: Vehicular present; Vehicular original.

10. SITE PLAN



L.R. 19078

Date(s): 1915 ; basis Inspection report

1915 ; basis Plaque

_____ ; basis

_____ ; basis

Use: Vehicular present; Vehicular original.

11. INTEGRITY

_____ altered; _____
 unaltered; _____
 _____ moved; _____

Explain:

12. VIEW

no.

PHOTO

13. COMMENTS

Unusual features:

N/A

Locale/environment:

1/2 mi. east of Bendertown. Wooded and farm land and historic setting.

Machinery (describe/identify type/equipment):

N/A

14. DIMENSIONS

spans: 1 no., 40 ft. O/A
 main: 1 no., 40 ft.
 secondary: _____ no., _____ ft.
 approach: _____ no., _____ ft.
 piers: _____ no.
 towers: _____ no., _____ ft.

1. County	Columbia
2. Municipality	Fishing Creek Twp.
3. Structure No.	1910027810006182
4. Survey Code	030-111 C-12
5. Present Name	Bridge in Fishing Creek Twp.
6. Other name (historic name if any)	N/A
7. Crossing	L.R. 19078 over Little Pine Creek

15. TYPE

CHARACTERISTICS

Truss: continuous/cantilever:

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

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 90°

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/Rail.
 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:	Concrete	Smooth	_____
towers:	_____	_____	_____
railings:	Concrete	Smooth	_____
Substructure			
piers:	_____	_____	_____
abutments:	Concrete	Smooth	_____
wings:	Concrete	Smooth	_____
intrados/ribs:	Concrete	Smooth	_____
voussoirs:	Concrete	Smooth	_____

17. PHOTO NO's.

03-03 (1-6)

18. PREPARED BY:

AGENCY/ORGANIZATION:

; DATE:

NATIONAL REGISTER

Survey Number: C-12

Bridge Name and Address: Bridge in Fishing Creek Township
L.R. 19078 over Little Pine Creek
Columbia County

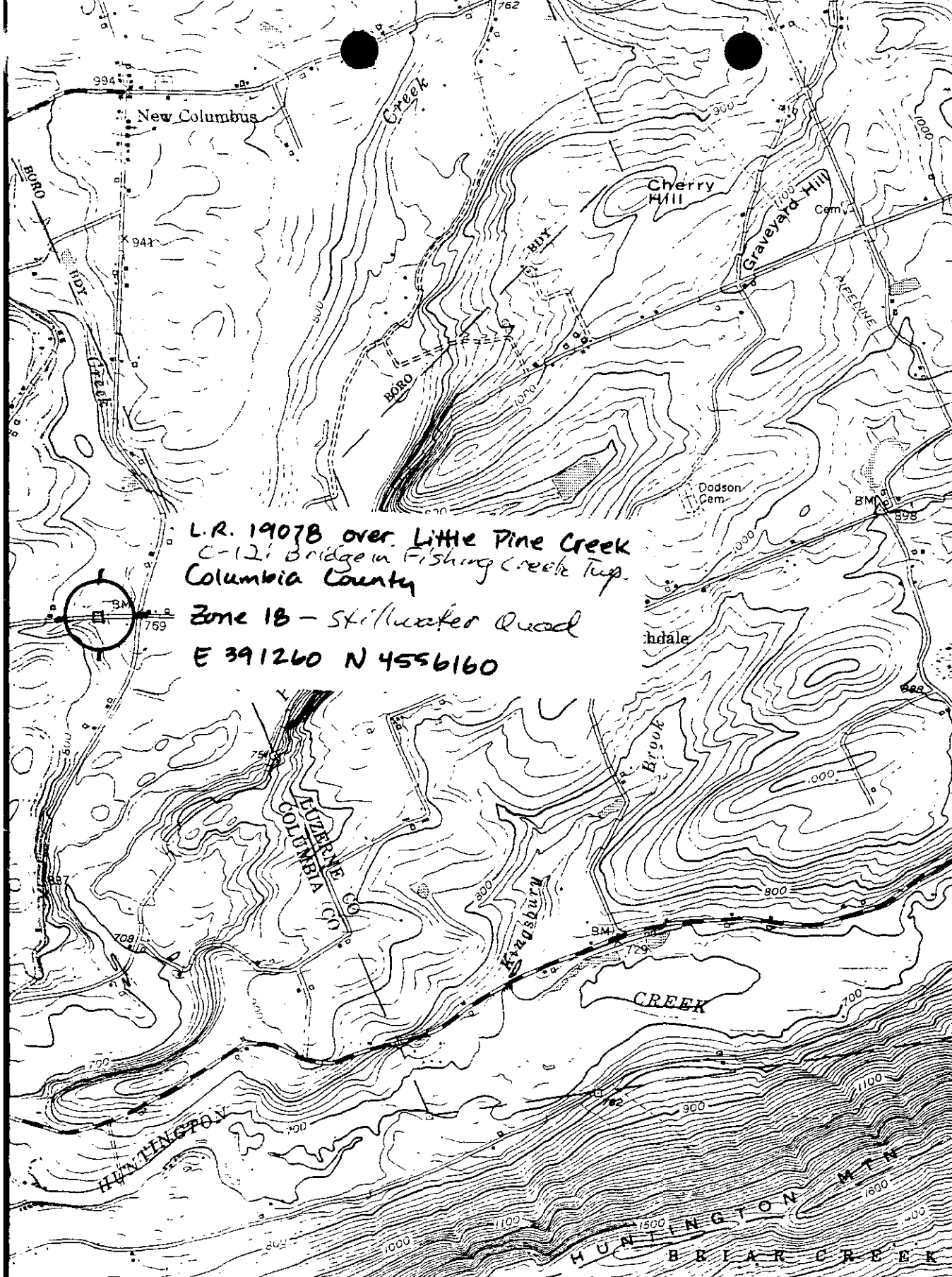
Owner: Commonwealth of Pennsylvania
Department of Transportation
Transportation & Safety Building
Harrisburg, Pennsylvania 17120

Statement of Significance: The bridge in Fishing Creek Township is an important example of an unusual open-spandrel arch bridge. This 1915 bridge is noteworthy for both its unusual shape and its design. The two narrow ribs of this arch rise high above the streambed, the deck loads are transferred to the arch ribs by two small posts, and transverse bracing between the arches consists of simple concrete struts. Thus, minimal materials are used in a simple, well executed design which makes use of the advantages of concrete construction. In addition to its technological strengths, this bridge is a handsome addition to its site; the high, multi-centered arch is capped with a pierced molded concrete parapet, with light, star-shaped designs. This is the only bridge of this configuration among the fifteen open-spandrel arches in the nomination.

Area of Significance: Engineering

Boundary Description: The nominated property consists of a 70 feet long by 25 feet wide rectangle, whose vertices coincide with the outside corners of the bridge's wing walls, and includes only bridge superstructure and substructure.

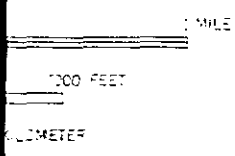
Acreage of Nominated Property: Less than one acre.



L.R. 19078 over Little Pine Creek
 C-12 Bridge in Fishing Creek Twp.
 Columbia County
 Zone 18 - Stillwater Quad
 E 391260 N 4556160

4559
 4558
 10'
 4557
 4556
 4554000m N
 41°07'30"
 76°15'

17°30"
 192
 193
 194000m E



UNITED STATES GEOLOGICAL SURVEY, RESTON, VIRGINIA—1978

ROAD CLASSIFICATION

- Heavy-duty
- Medium-duty
- Light-duty
- Unimproved dirt
- U. S. Route
- State Route

(BERWICK)
 5705 11 SW