

9. HISTORICAL DATA

8. USGS QUAD. Telford

UTM's: Zone 18

E 4 7 1 1 9 0

N 4 4 5 9 6 0 0

E

N

Designer/Engineer: Unknown

Builder/Contractor: Unknown

Bridge Company: Unknown

Date(s): 1837; basis

Plaque on Bridge

1874; basis

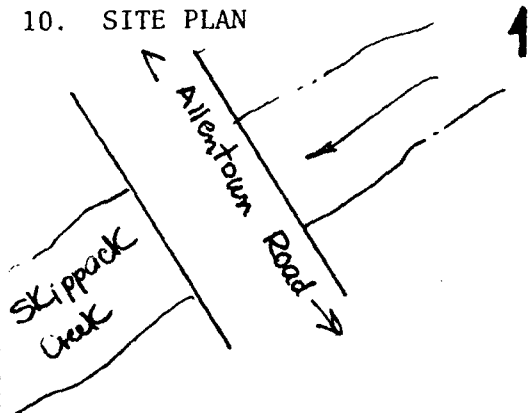
Rebuilt by Montgomery County

; basis

; basis

Use: Veh. present; Veh. original.

10. SITE PLAN



11. INTEGRITY

altered; \_\_\_\_\_.

unaltered; \_\_\_\_\_.

moved; \_\_\_\_\_.

Explain:

Repair to Wing walls

12. VIEW

no.

PHOTO

13. COMMENTS

Unusual features:

Locale/environment:

Semi-Rural Farmland. Some houses.

Machinery (describe/identify type/equipment):

14. DIMENSIONS

100'

spans: 2 no., 40 ft. O/A

main: 2 no., 20 ft. EA

secondary: \_\_\_ no., \_\_\_ ft.

approach: \_\_\_ no., \_\_\_ ft.

piers: \_\_\_ no.

towers: \_\_\_ no., \_\_\_ ft.

1. County: Montgomery

2. Municipality: Franconia Twp.

3. Structure No. 4620043030558

4. Survey Code S-49

5. Present Name: Bridge in Franconia Township

6. Other name (historic name if any) n/a

7. Crossing: Allentown Rd. over Skippack 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

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:	Masonry	Semi-coursed	_____
towers:	_____	_____	_____
railings:	_____	_____	_____
Substructure			
piers:	Masonry	Gunitite	_____
abutments:	_____	_____	_____
wings:	Masonry	Semi-coursed	_____
intrados/ribs:	"	_____	_____
voussoirs:	"	_____	_____

17. PHOTO NO's.

06-45 (10-12)

18. PREPARED BY:

AGENCY/ORGANIZATION: Dist. 6-0  
 ; DATE: 11-9-82

Survey Number: S-49

Bridge Name and Address: Bridge in Franconia Township  
L.R. 46043  
Montgomery County

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

Statement of Significance: The bridge in Franconia Township is an example of a typical nineteenth century stone highway bridge. Two stone plaques on the parapets dates its original construction to 1837 and its reconstruction to 1874. Like the other multiple span arch bridges of Montgomery County, its two 20' long arch spans are small and flanked by long approach walls. Although the bridge's reconstruction modified the recessed section it still remains. When viewed in elevation, the arch spans are differentiated from the body of the bridge by a small built-in recession. This stylistic variation describes a rectangle from the exterior of one arch ring, across both arch crowns to the exterior of the other arch ring; the projection of the rest of the bridge thus highlights this arched section. This feature appears to be peculiar to Montgomery County; there are five stone arch bridges built like this in that county. There are 10 stone bridges included in this nomination which were built in Montgomery County. As a group, these bridges are an excellent illustration of the continuing tradition in stone masonry bridge construction in Pennsylvania. Construction dates for these bridges range from 1789 to 1910.

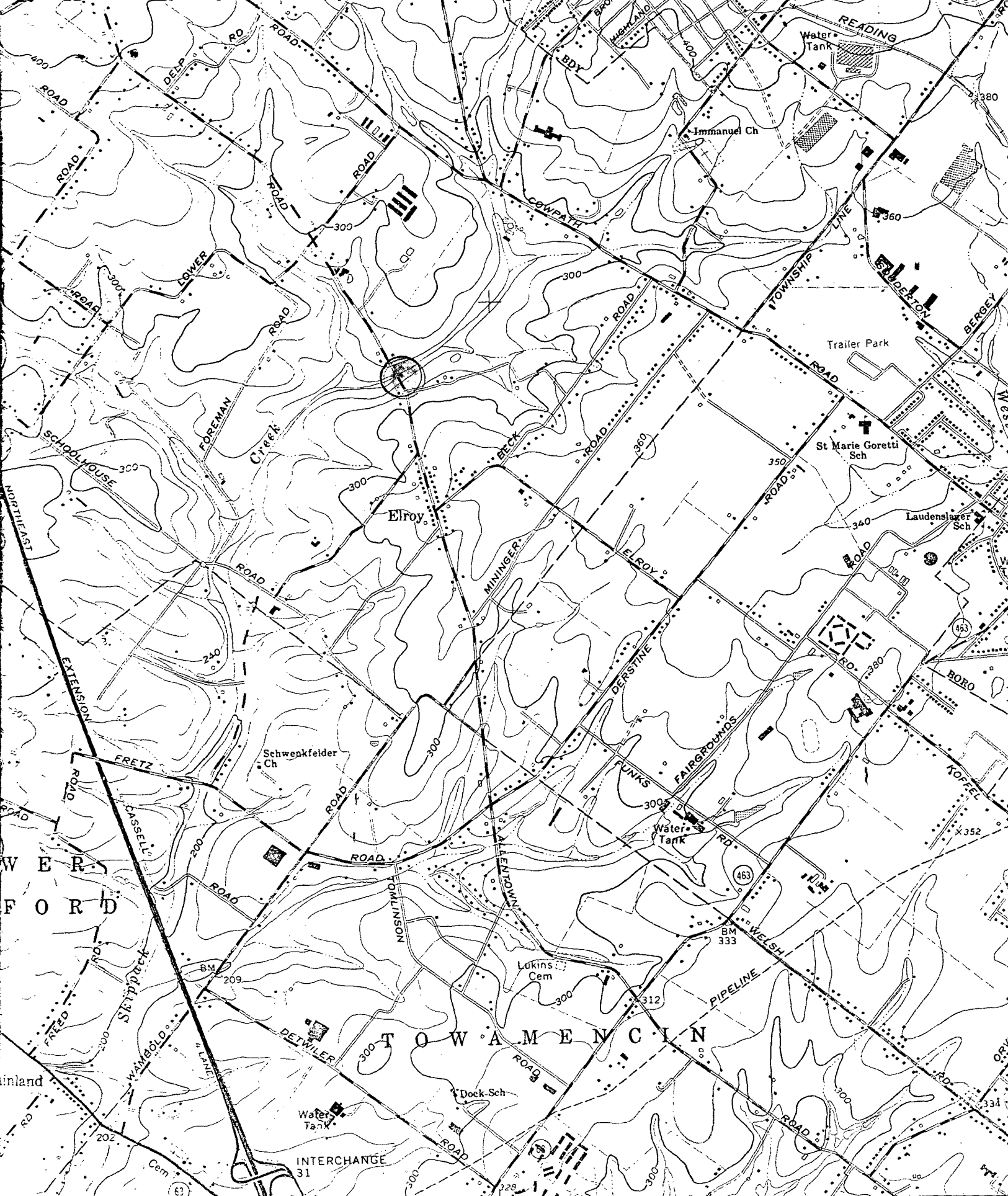
Area of Significance: Engineering.

Boundary Description: The nominated property consists of a 100 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.



2670 000 FEET  
KULPSVILLE 0.9 MI.

PA. TURNPIKE 10 MI.

20' 472  
KULPSVILLE 0.6 MI.

473 (LANSDALE)  
5964 III NE

3.4 MI  
WILLOW G

SCALE 1:24000

