

9. HISTORICAL DATA

8. USGS QUAD. Ambler, Pa.

UTM's: Zone 18

E 4 8 3 6 8 0

N 4 4 5 3 9 4 0

E

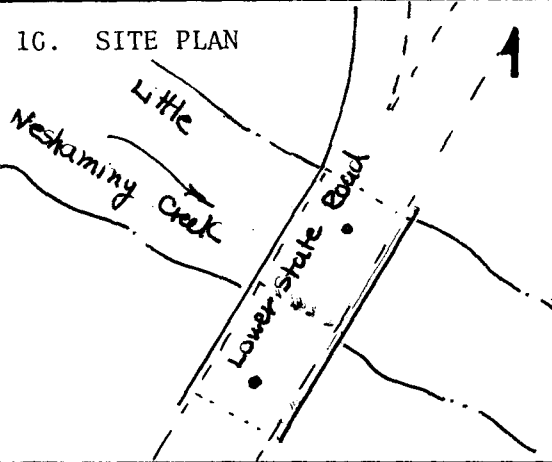
N

Designer/Engineer: Unknown

Builder/Contractor: Unknown

Bridge Company: Unknown

10. SITE PLAN



Date(s): 1839 ; basis

Plaque on Bridge

_____ ; basis

_____ ; basis

_____ ; basis

Use: Veh. present; Veh. original.

11. INTEGRITY

X altered; _____

_____ unaltered; _____

_____ moved; _____

Explain:

Extensive repair to east parapet

12. VIEW

no.

PHOTO

13. COMMENTS

Unusual features:

Locale/environment:

Rural, Farm and Pasturelands

Machinery (describe/identify type/equipment):

14. DIMENSIONS

125'

spans: 2 no., 39 ft. O/A

main: 2 no., 19.5ft. EA

secondary: _____ no., _____ ft.

approach: _____ no., _____ ft.

piers: _____ no.

towers: _____ no., _____ ft.

1. County: Montgomery
 2. Municipality: Montgomery Twp.
 3. Structure No.: 4 | 6 | 1 | 0 | 0 | 3 | 7 | 1 | 3 | 0 | 0 | 6 | 2 | 8 | 9 | 1 | 2 |
 4. Survey Code: 811 S-44
 5. Present Name: Horsham-Montgomery Bridge
 6. Other name (historic name if any): n/a
 7. Crossing: Lower State Rd. over Little Neshaminy 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/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:	Masonry	Semi-Covered	_____
towers:	_____	_____	_____
railings:	_____	_____	_____
Substructure			
piers:	Masonry	Covered	_____
abutments:	_____	_____	_____
wings:	Masonry	Semi-Covered	_____
intrados/ribs:	"	Conc. Covered	_____
voussoirs:	"	_____	_____

17. PHOTO NO's.
06-46 (18-21)

18. PREPARED BY:
AGENCY/ORGANIZATION: Dist. 6-0
; DATE: 11-22-82

Survey Number: S-44

Bridge Name and Address: Bridge between Horsham and
Montgomery Townships
L.R. 373
Montgomery County

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

Statement of Significance: The bridge between Horsham and
Montgomery Townships is a good
example of a nineteenth century
stone highway bridge. Built in
1839, this multiple span bridge
consists of two small arches,
measuring nineteen and one half
feet each, with long flanking
approach walls. 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.
This bridge is one of ten 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 of stone
masonry bridge construction in
Pennsylvania. Construction dates
fro these bridges range from 1789
to 1910.

Area of Significance: Engineering.

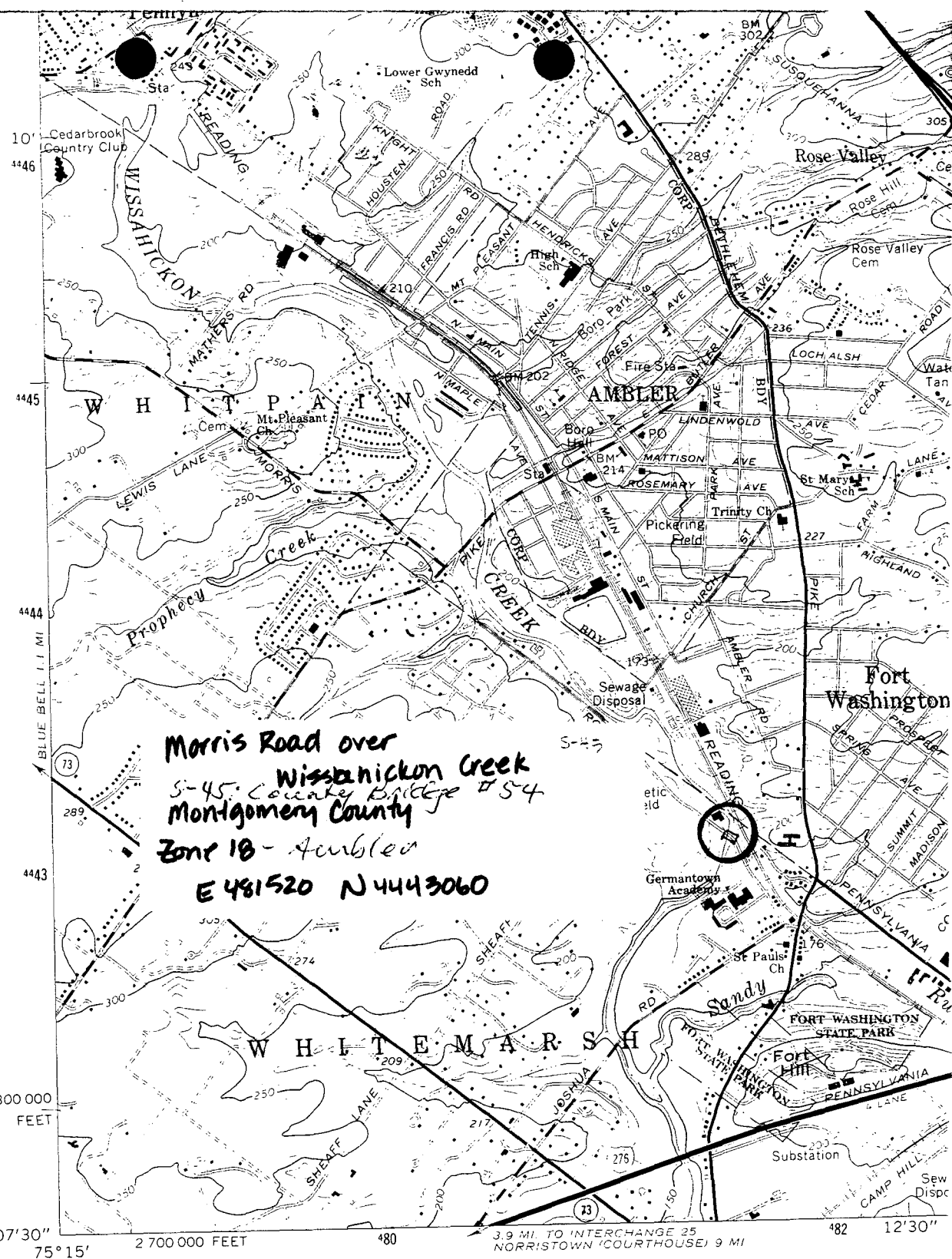
Boundary Description: The nominated property consists

of a 125 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.

Pennsylvania D.O.T. Owned Highway Bridges -
County Bridge #64
S-45



(NORRISTOWN)
5964 III SE

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Topography by photogrammetric methods from aerial photographs
taken 1950. Field checked 1952. Revised from aerial photographs
taken 1965. Field checked 1966

Polyconic projection. 1927 North American datum
10,000-foot grid based on Pennsylvania coordinate system, south zone
1000-meter Universal Transverse Mercator grid ticks, zone 18,
shown in blue

Fine red dashed lines indicate selected fence and field lines where
generally visible on aerial photographs. This information is unchecked

Red tint indicates areas in which only landmark buildings are shown

MN
IGN
10°
178 MILS
0°07'
2 MILS
UTM GRID AND 1973 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET