

9. HISTORICAL DATA

8. USGS QUAD. Langhorne

UTM's: Zone 18

E 5 | 0 | 5 | 2 | 0 | 0

N 4 | 4 | 5 | 2 | 8 | 4 | 0

E

N

Designer/Engineer:

Unknown

Builder/Contractor:

Unknown

Bridge Company:

Unknown

Date(s): 1875; basis

Plaque

1796; basis

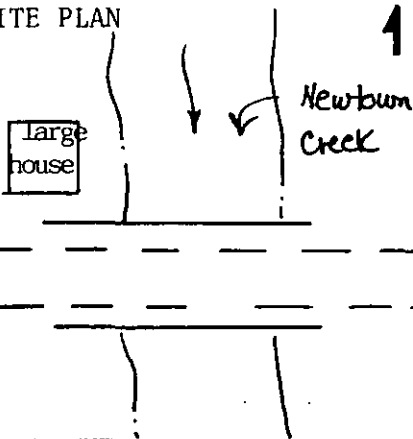
Plaque

; basis

; basis

Use: Vehicular present; Vehicular original.

10. SITE PLAN



Date(s): 1875; basis

Plaque

1796; basis

Plaque

; basis

; basis

Use: Vehicular present; Vehicular original.

11. INTEGRITY

unaltered; _____.

unaltered; _____.

moved; _____.

Explain:

12. VIEW

no.

PHOTO

13. COMMENTS

Unusual features:

Wooden Plank side walk.
 Stepped parapets

Locale/environment:

In Small Boro

Machinery (describe/identify type/
 equipment):

14. DIMENSIONS

spans: 2 no., 30 ft. 50'

main: 2 no., 15 ft.

secondary: no., ft.

approach: no., ft.

piers: no.

towers: no., ft.

1. County Bucks

2. Municipality Newtown Boro

3. Structure No. 0191210004121004518871

4. Survey Code 111 S-7

5. Present Name Newtown Creek Bridge

6. Other name (historic name if any) N/A

7. Crossing Richoro Road over Newtown 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	Coursed	_____
towers:	_____	_____	_____
railings:	_____	_____	_____
Substructure			
piers:	Masonry	Gunite	_____
abutments:	"	_____	_____
wings:	"	Random	_____
intrados/ribs:	"	_____	_____
voussoirs:	_____	_____	_____

17. PHOTO NO's.

06-17 (25-30)

18. PREPARED BY:

AGENCY/ORGANIZATION: _____ Dist. 6-0
; DATE: 12-20-82

Survey Number: S-7

Bridge Name and Address: Newtown Creek Bridge
L.R. 09042 over Newtown Creek
Bucks County

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

Statement of Significance: The Newtown Creek Bridge is a handsome two span stone arch bridge which was originally built in 1796 and modified in 1875. Two date stones set in the parapet walls document the bridge's history. Although the bridge was altered in the late 19th century with changes to the parapet, the arch portion of the bridge retains high original integrity. As such, it is an important representative of 18th century bridge construction in Pennsylvania. Only three 18th century stone bridges are included in the nominated group.

Area of Significance: Engineering.

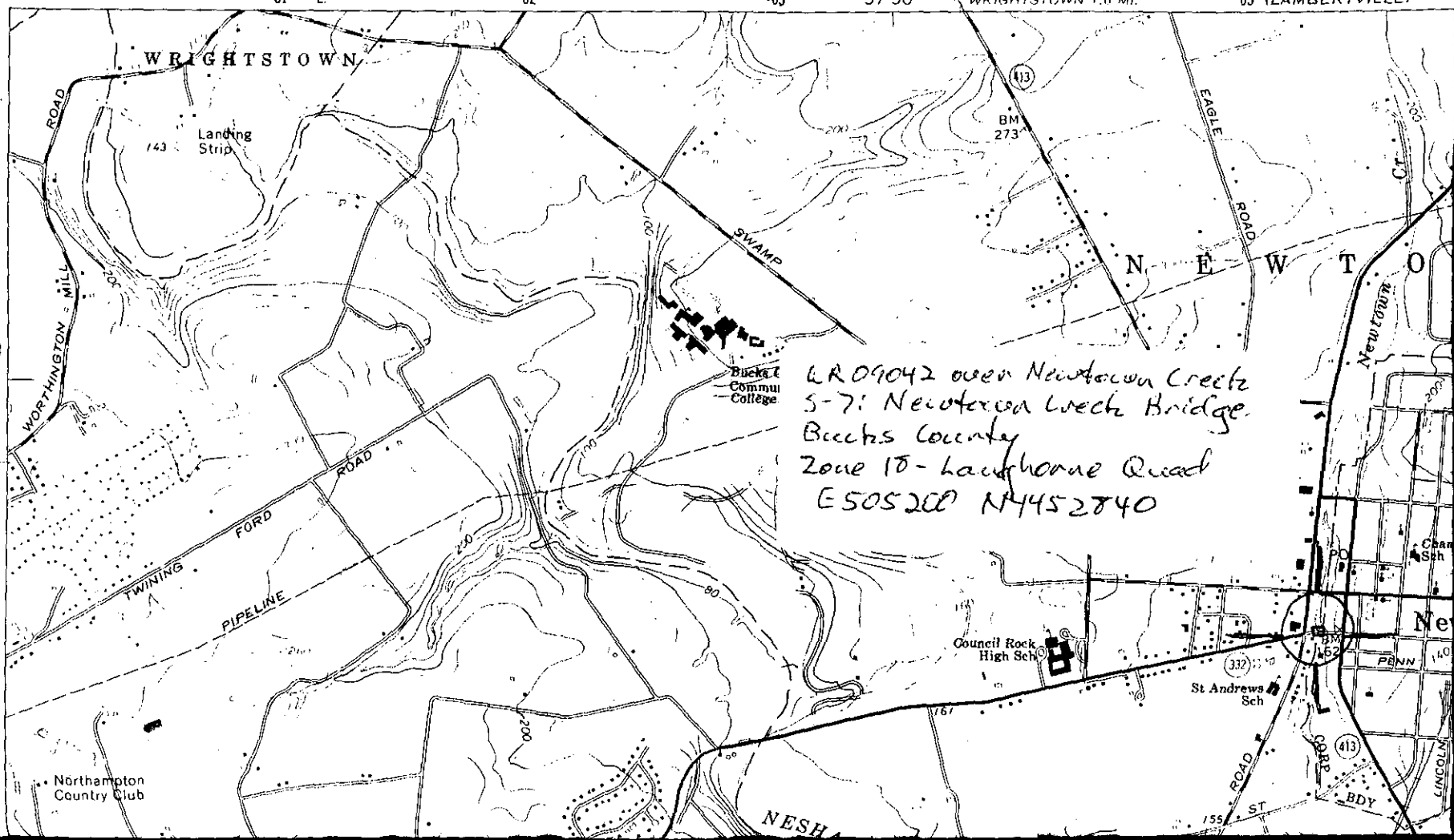
Boundary Description: The nominated property consists of a 50 feet long by 30 feet wide rectangle whose vertices coincide with the outside corners of the bridge's wing walls, and includes only bridge superstructure and substructure.

Acreage of Nominated Property: Less than one acre.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

59° 1.5' SE
(BUCKINGHAM)

75° 00' 40° 15' 501000m E. 502 503 57' 30" 6064 IV SW (LAMBERTVILLE)



LR 09042 over Newtown Creek
S-7: Newtown Creek Bridge.
Bucks County
Zone 18 - Laughton Quad
E 505200 N 4452840

