

Same as
3-18, S-1

PENNSYLVANIA TERRITORY (INDIAN TOWN INTERCHANGE)
BRANDYWINE MANOR 4.5 MI

5864 III SE
(WAGONTOWN)

27

428

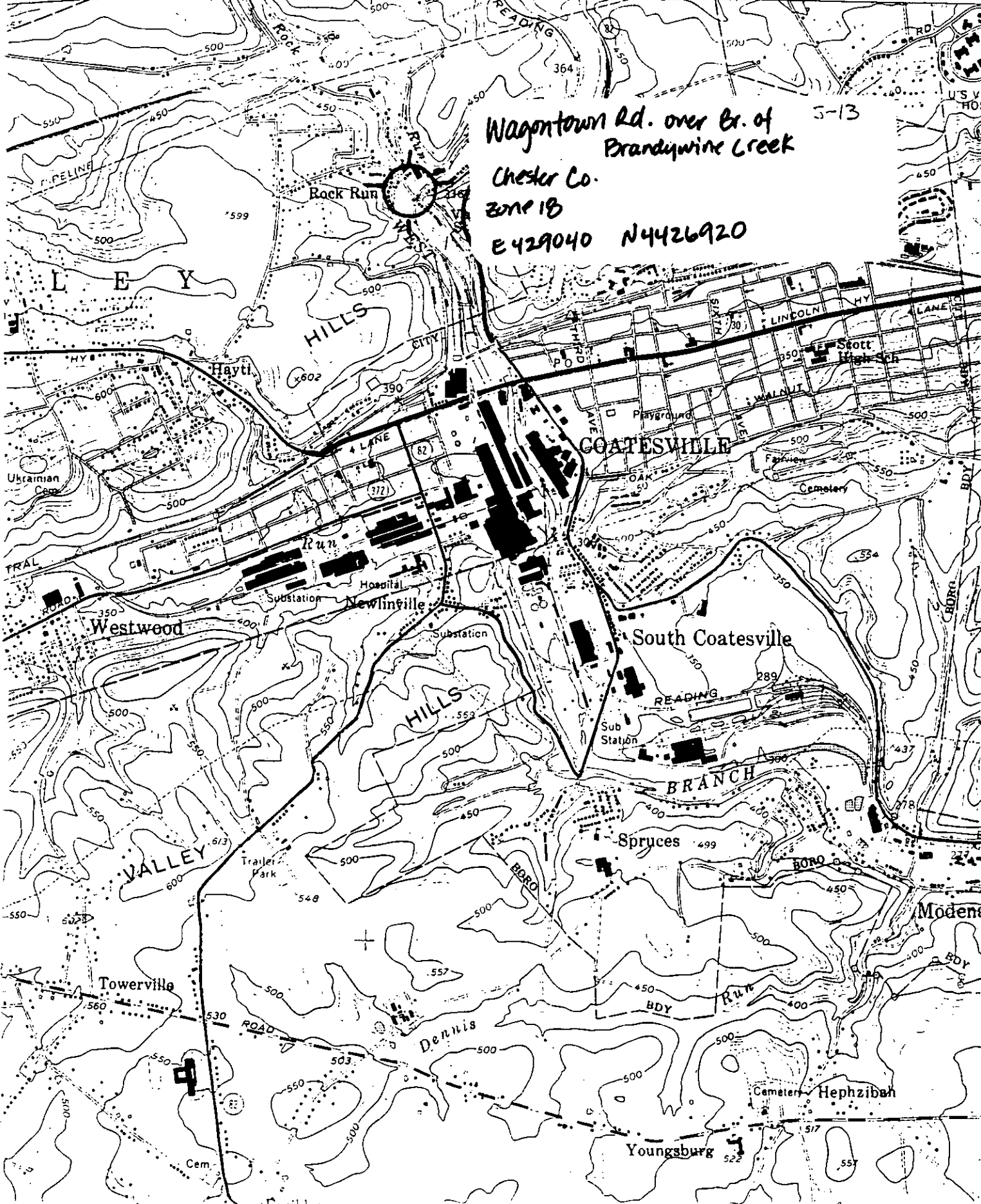
50'

429

430

431

Wagontown Rd. over Cr. of
Brandywine Creek
Chester Co.
Zone 1B
E 429040 N 4426920



Survey Number: S-13

Bridge Name and Address: County Bridge #101
L.R. 134
Chester County

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

Statement of Significance: Chester County Bridge #101, built in 1918, represents an unusual design in stone arch bridges. This bridge's stilted arch design creates a more attenuated appearance than typical of most stone bridges contained in this thematic nomination and enhances this bridge's engineering interest. The bridge is unaltered and therefore retains excellent integrity.

Area of Significance: Engineering.

Boundary Description: The nominated property consists of a 250 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.

9. HISTORICAL DATA

8. USGS QUAD. Coatesville

UTM's: Zone 18

E	4	2	9	0	4	0	
N	4	4	2	6	9	2	0
E							
N							

Designer/Engineer:

Unknown

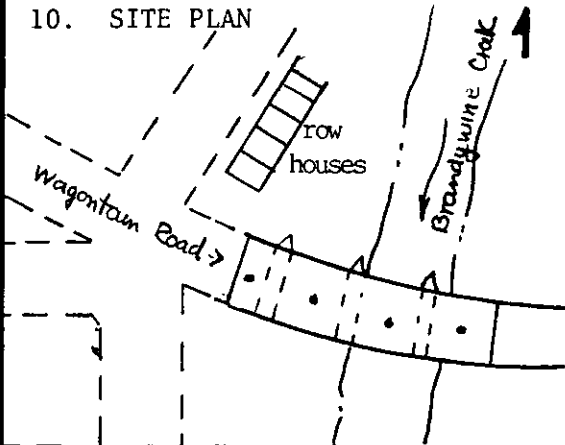
Builder/Contractor:

Corcorn Construction Co.

Bridge Company:

Unknown

10. SITE PLAN



Date(s): 1918; basis

Plaque on Bridge

_____ ; basis

_____ ; basis

_____ ; basis

Use: Veh. present; Veh. original.

11. INTEGRITY

altered; _____
 x unaltered; _____
 moved; _____

Explain:

12. VIEW

no.

PHOTO

13. COMMENTS

Unusual features:

Pier extensions on upstream side. Sidewalks both sides light grey stone.

Locale/environment:
 Residential/Industrial Area

Depressed

Machinery (describe/identify type/equipment):

14. DIMENSIONS

250'

spans: 4 no., 160 ft. O/A

main: 4 no., 40 ft. EA

secondary: ___ no., ___ ft.

approach: ___ no., ___ ft.

piers: ___ no.

towers: ___ no., ___ ft.

1. County Chester	2. Municipality Valley Township	3. Structure No. 11511110147310100000000	4. Survey Code 811 S-13
5. Present Name County Bridge #101	6. Other name (historic name if any)	7. Crossing Wagontown Rd. over Br. Brandywine 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:	_____	_____	_____
abutments:	_____	_____	_____
wings:	Masonry	Semi-Coursed	_____
intrados/ribs:	"	Gunite	_____
vousoirs:	"	_____	_____

17. PHOTO NO's.

06-35 (32-37)

18. PREPARED BY:

AGENCY/ORGANIZATION: Dist. 6-0
; DATE: 11-10-82