

Survey Number: S-17

Bridge Name and Address: County Bridge #148
L.R. 626
Chester County

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

Statement of Significance: Chester County Bridge #148 is a typical small span twentieth century stone arch bridge built in the style of Pennsylvania's nineteenth highway bridges. It was completed in 1911 by P. J. McCormick & Sons, local contractors who set a bridge plaque into the inner parapet. The bridge is notable for its high quality design and integrity. Its single span arch bridge was constructed of coursed, roughly square stone in the camelback configuration. The camelback shape is accentuated by the use of dark stone for the parapet coping stones.

Area of Significance: Engineering.

Boundary Description: The nominated property consists of a 150 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.

9. HISTORICAL DATA

8. USGS QUAD. West Chester

UTM's: Zone 18

E	4	5	2	8	7	0
N	4	4	2	0	1	0
E						
N						

Designer/Engineer:

Unknown

Builder/Contractor:

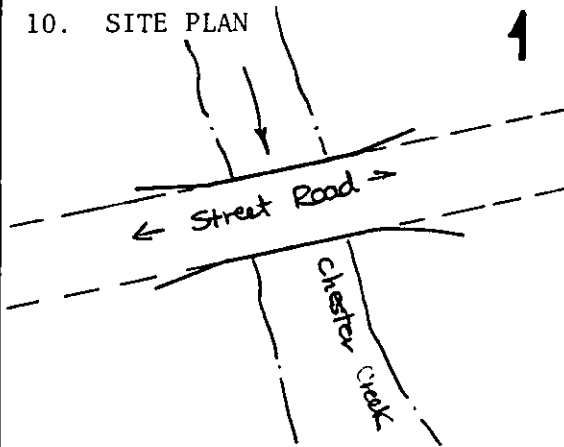
P.J. McCormick & Sons

Bridge Company:

Unknown

10. SITE PLAN

1



Date(s): 1911; basis Plaque on bridge

_____ ; basis

_____ ; basis

_____ ; basis

Use: Vehicular present; Vehicular original.

11. INTEGRITY

___ altered; _____
 ___unaltered; _____
 ___ moved; _____

Explain:

12. VIEW

no.

PHOTO

13. COMMENTS

Unusual features:

Light gray stone with dark parapet cap

Locale/environment: Semi-Rural, farm pasture near Post Office and train station

Machinery (describe/identify type/equipment):

14. DIMENSIONS

spans: ___ no., 150 ft. O/A
 main: 1 no., 36 ft.
 secondary: ___ no., ___ ft.
 approach: ___ no., ___ ft.
 piers: ___ no.
 towers: ___ no., ___ ft.

1. County Chester	2. Municipality Westtown Thornbury Twps.	3. Structure No. 15 1 0 0 6 2 6 0 0 0 8 5 4 0	4. Survey Code 811
5. Present Name County Bridge #148	6. Other name (historic name if any) Co Bridge # 148	7. Crossing TR 926 (Street Road) over Br. of Chester Co.	S-17

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/comboination.
- (see Truss above).

Vertical Lift:

- (see Truss above).

Other:

- other: _____

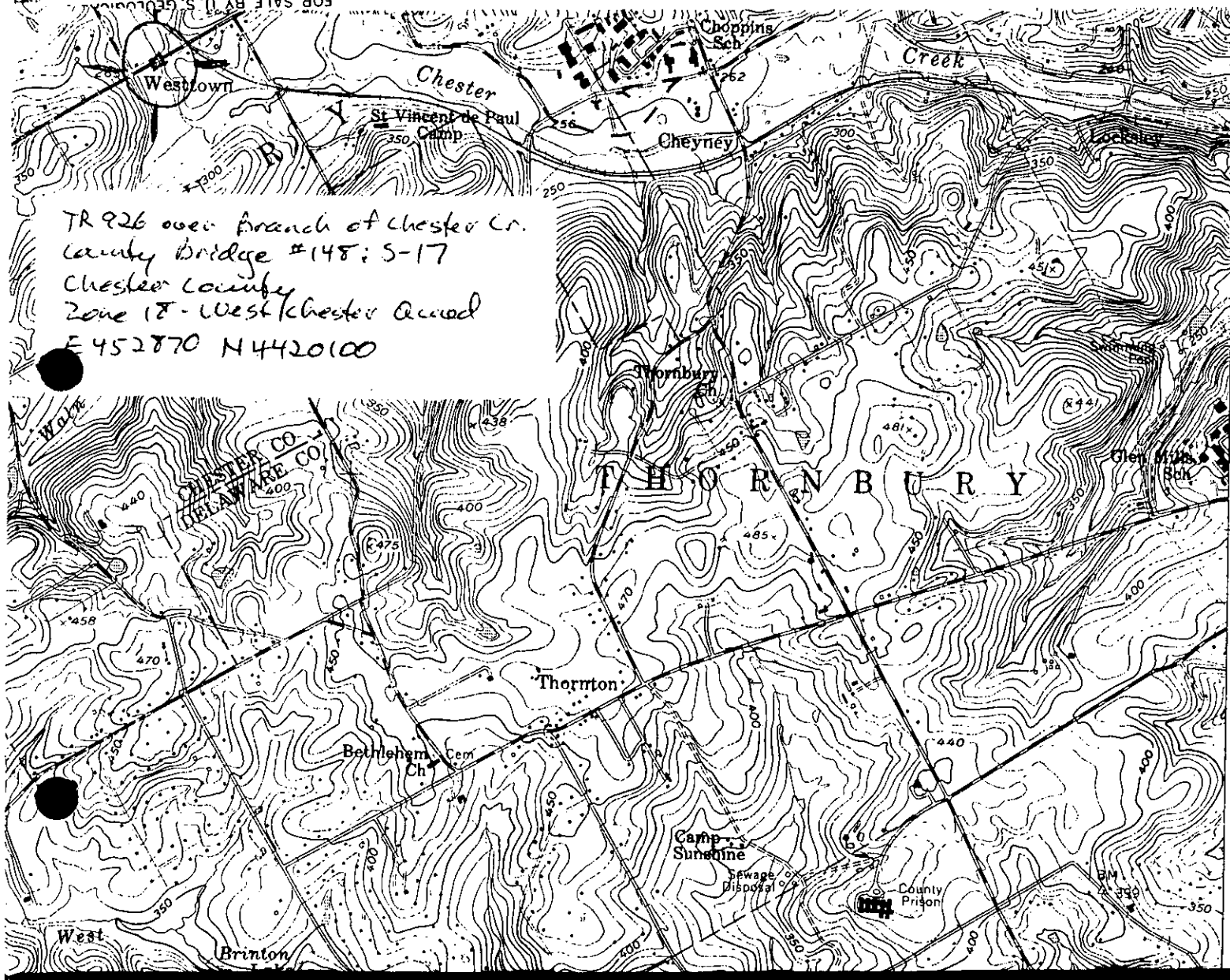
16. MATERIALS (primary)

Superstructure	type	treatment/finish	source
main span:	<u>masonry</u>	<u>semi-coursed</u>	_____
towers:	_____	_____	_____
railings:	_____	_____	_____
Substructure			
piers:	_____	_____	_____
abutments:	_____	_____	_____
wings:	<u>masonry</u>	<u>semi-coursed</u>	_____
intrados/ribs:	<u>masonry</u>	<u>gunite</u>	_____
voussoirs:	<u>masonry</u>	_____	_____

17. PHOTO NO's.
06-39 (8-13)

18. PREPARED BY:
AGENCY/ORGANIZATION: District 6-0
; DATE: November 3, 1982

FOR SALE BY U. S. GEOLOGICAL SURVEY
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND



TR 926 over branch of Chester Cr.
County Bridge #148; S-17
Chester County
Zone 18 - West Chester Quad
E 452870 N 4420100

CITY HALL IS MI.

4420
4419
55'
4418
4417

*Reynolds B. D. D. owned
Chester County
County, Delaware 1912-15*