

Survey Number: S-1  
Bridge Name and Address: Pondtown Mill Bridge  
L.R. 01009 over Bermudian Creek  
Latimore Township, Adams County

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

Statement of Significance: The Pondtown Mill Bridge is a three-span camelback arch bridge built of coursed rubble, with arches accented by the use of squared stone voussoirs. Although the date of construction is unknown, this stone arch bridge is typical of the multi-span camelback arch bridges built in Pennsylvania in the nineteenth century. One of thirty-three multiple span stone arch bridges included in this thematic nomination, this representative camelback bridge is one of the five multi-span stone arch bridges nominated from the south-central region of Pennsylvania and the only multi-span camelback arch bridge in Adams County. Despite reinforcement of spandrels and late 20th century concrete repairs to parapets, the bridge retains a high degree of integrity of design and materials.

Area of Significance: Engineering

Boundary Description: The nominated property consists of a 91 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.

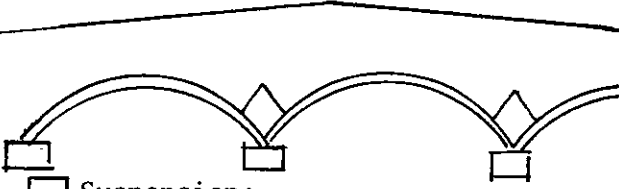
15. TYPE

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: stone parapet w/concrete cap
- 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/Roll.
- 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:	Fieldstone	Coarse; semi-stratified	_____
towers:	_____	_____	_____
railings:	Stone/Concrete	Coarse; semi-stratified/smooth	_____
Substructure			
piers:	Stone/Concrete	Coarse; semi-stratified/smooth	_____
abutments:	Stone	" "	_____
wings:	Stone	" "	_____
intrados/ribs:	Stone	" "	_____
voussoirs:	Stone	Radiating "	_____

17. PHOTO NO's. 08-01 (4-7)

18. PREPARED BY: Patricia A. Remy  
 AGENCY/ORGANIZATION: PennDOT  
 ; DATE: 07-26-82

9. HISTORICAL DATA  
 (No plaque on bridge)

8. USGS QUAD. Dillsburg

UTM's: Zone 18

E	3	2	4	2	5	0
N	4	4	2	9	1	3
E						
N						

Designer/Engineer:

Unknown

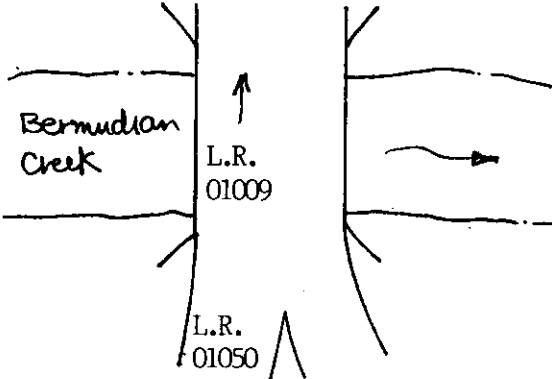
Builder/Contractor:

Unknown

Bridge Company:

Unknown

10. SITE PLAN



Date(s): Unknown ; basis

\_\_\_\_\_ ; basis

\_\_\_\_\_ ; basis

\_\_\_\_\_ ; basis

Use: Vehicular present; Vehicular original.

11. INTEGRITY

  xaltered; \_\_\_\_\_  
  unaltered; \_\_\_\_\_  
  moved; \_\_\_\_\_

Explain: Reinforcing in  
 spandrels; concrete repair  
 to parapet; ends of parapet  
 concrete

12. VIEW Upstream no. 5

PHOTO

13. COMMENTS

Unusual features:  
 Aesthetic; center arch  
 larger

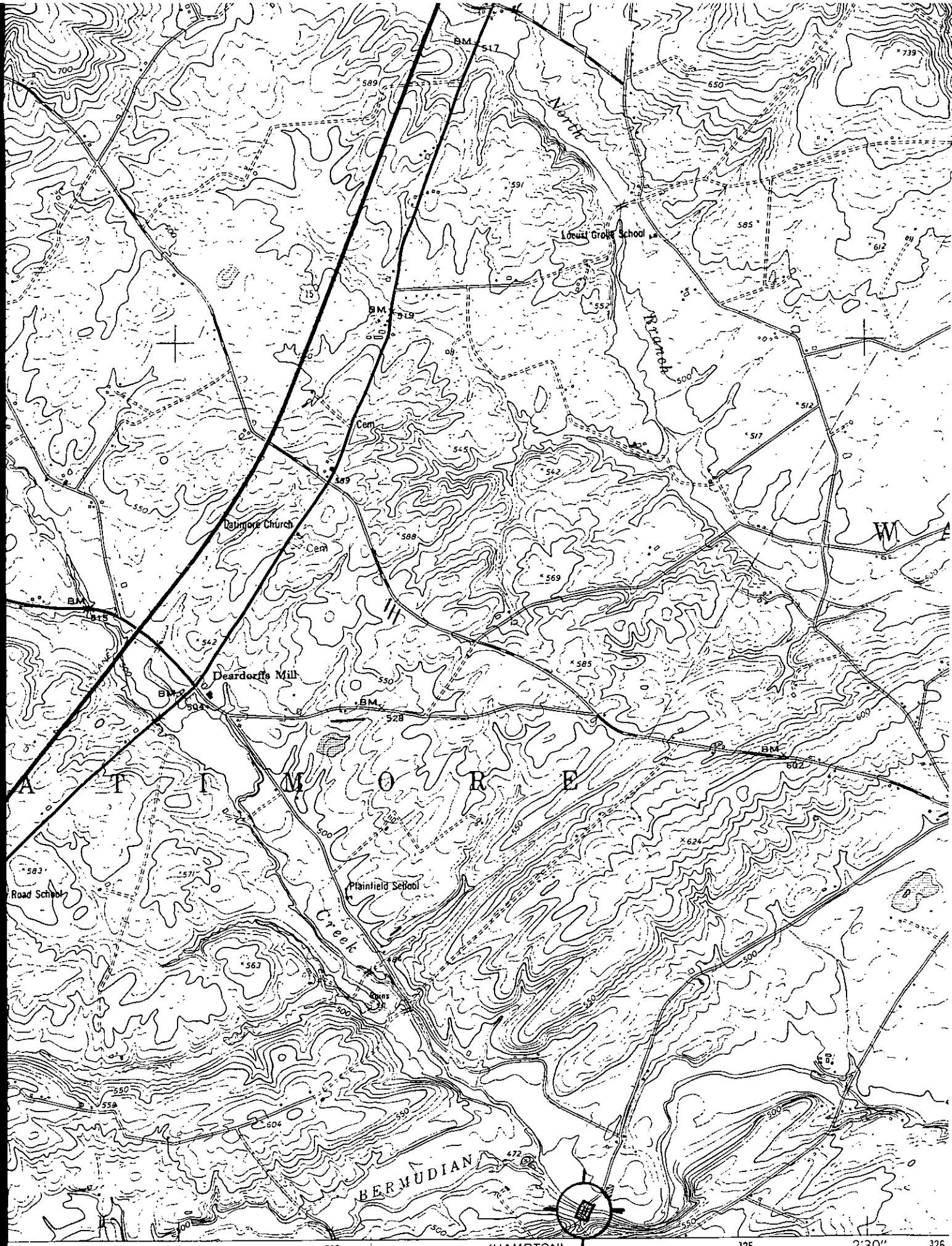
Locale/environment: Rural setting

14. DIMENSIONS

spans: 3 3 no., 91 ft. 0/A  
 main: 1 no., 22 ft.  
 secondary: 2 no., 18 ft.  
 approach: \_\_\_\_\_ no., \_\_\_\_\_ ft.  
 piers: \_\_\_\_\_ no.  
 towers: \_\_\_\_\_ no., \_\_\_\_\_ ft.

Machinery (describe/identify type/  
 equipment):

1. County Adams	2. Municipality Lancaster Twp.	3. Structure No. 10110101010191010362921	4. Survey Code S-1
5. Present Name Pond Mill Bridge	6. Other Name (historic name, if any) Pondtown Mill Bridge	7. Crossing L.R. 01009	over Bermudian Creek



A T T M O R E

BERMUDIAN

(HAMPTON)  
5563 I NE

322 5' 323 325 2'30" 326