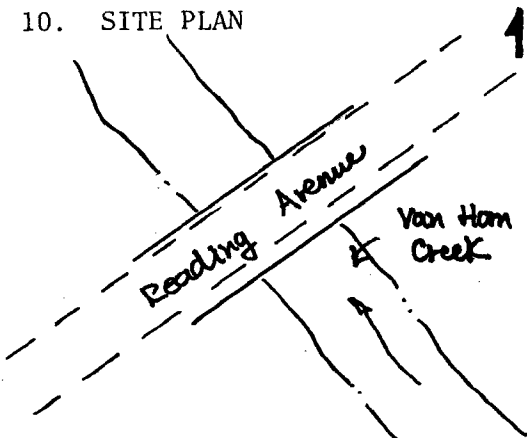


9. HISTORICAL DATA

8. USGS QUAD. Trenton West
 UTM's: Zone 18
 E 5 | 1 | 4 | 1 | 4 | 0
 N 4 | 4 | 5 | 3 | 5 | 4 | 0
 E
 N

Designer/Engineer:
 Unknwn
 Builder/Contractor:
 Bridge Company:
 Unknown

10. SITE PLAN



Date(s): 1889 ; basis
 Plaque
 ; basis
 ; basis
 ; basis
 Use: Vehicular present; Vehicular original.

11. INTEGRITY

altered; _____
 unaltered; _____
 moved; _____

Explain:
 Repointing

12. VIEW

no.

PHOTO

13. COMMENTS

Unusual features:
 none

Locale/environment: Semi-Rural
 Adjacent to Golf Courses

Machinery (describe/identify type/
 equipment):

14. DIMENSIONS

spans: _____ no., 50 ft. 0/A
 main: 1 no., 13 ft.
 secondary: _____ no., _____ ft.
 approach: _____ no., _____ ft.
 piers: _____ no.
 towers: _____ no., _____ ft.

1. County Bucks
 2. Municipality Yardly Boro
 3. Structure No. 109121019923101003745
 4. Survey Code 811 S-6
 5. Present Name Bridge in Yardley Borough
 6. Other name (historic name if any) N/A
 7. Crossing Reading Avenue over VanHorn 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) 02, 12, 16

Superstructure	type	treatment/finish	source
main span:	masonry	random	_____
towers:	_____	_____	_____
railings:	_____	_____	_____
Substructure			
piers:	_____	_____	_____
abutments:	_____	_____	_____
wings:	masonry	coursed	_____
intrados/ribs:	masonry	_____	_____
voussoirs:	masonry	_____	_____

17. PHOTO NO's.
06-15 (30-33)

18. PREPARED BY:
AGENCY/ORGANIZATION: Dist. 6-0
; DATE: December 20, 1982

Survey Number: S-6
Bridge Name and Address: Bridge in Yardley Borough
L.R. 09023 over VanHorn Creek
Bucks County

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

Statement of Significance: The bridge in Yardley Borough was built in 1889 of coursed rubble masonry. This stone bridge's configuration is unusual for a late nineteenth century small bridge in Bucks County that a relatively massive structure was built for a mere thirteen feet long arch span. A simpler solution to this stream crossing was overlooked for one that was highly visible and traditional. Thus this bridge represents an unusual return to much earlier bridge construction techniques which emphasized short spans and rubble masonry.

Area of Significance: Engineering

Boundary Description: The nominated property consists of a 50 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.

