

PENNSYLVANIA HISTORIC RESOURCE SURVEY FORM
 Bureau for Historic Preservation Box 1026
 PA Historical & Museum Commission Harrisburg, PA 17120

9. HISTORICAL DATA

8. USGS QUAD. Glenshaw

UTM's: Zone 17

E | 5 | 8 | 8 | 8 | 0 | 0 |

N | 4 | 4 | 8 | 8 | 6 | 0 | 0 |

E | | | | | | |

N | | | | | | |

Designer/Engineer:

Unknown

Builder/Contractor:

Unknown

Bridge Company:

Unknown

Date(s): 1915 ; basis Bridge Plaque

1916 ; basis Bridge Inspection Report

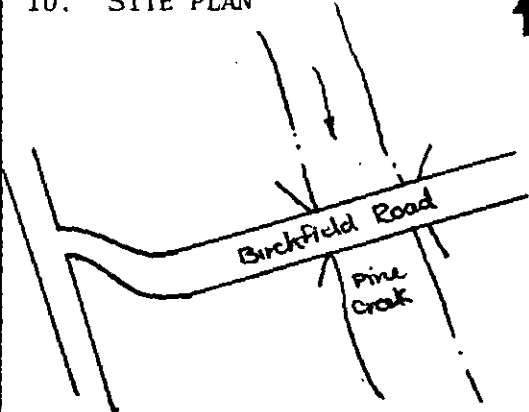
_____ ; basis

_____ ; basis

Use: present; original.

10. SITE PLAN

↑



11. INTEGRITY

_____ altered; _____

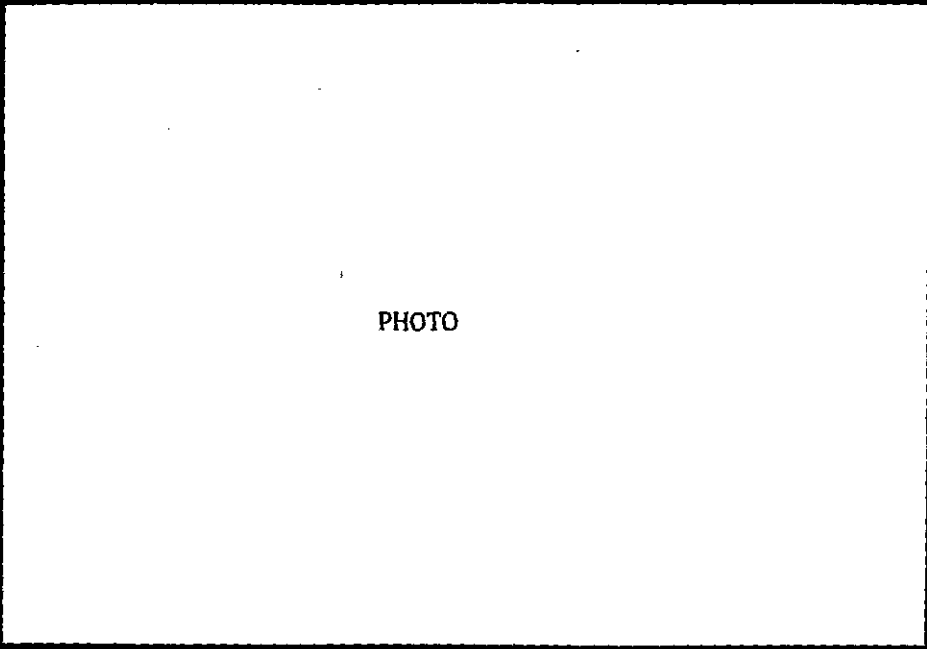
unaltered; _____

_____ moved; _____

Explain:

12. VIEW

no.



13. COMMENTS

Unusual features:

none

Locale/environment: Rural

Machinery (describe/identify type/equipment):

14. DIMENSIONS

spans: _____ no., 116 ft. O/A

main: 1 no., 63 ft.

secondary: _____ no., _____ ft.

approach: 0 no., _____ ft.

piers: _____ no.

towers: _____ no., _____ ft.

1. County: Allegheny
 2. Municipality: Shaler Twp.
 3. Structure No.: [02][21][01031414][0101010141114]
 4. Survey Code: 11-819 S-3
 5. Present Name: Bridge in Shaler Township
 6. Other name (historic name if any):
 7. Crossing: Birchfield Road over Pine Creek

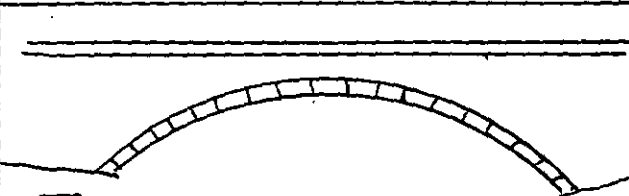
15. TYPE

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: Masonry Culvert

- other: _____

16. MATERIALS (primary)

Superstructure	type	treatment/finish	source
main span:	masonry	cobble stone	
towers:			
railings:			
Substructure	masonry		
piers:			
abutments:	stone		
wings:			
intrados/ribs:	concrete	smooth/Broken Face-Edges	
vousoirs:	stone	smooth	

17. PHOTO NO's.

11+1, 12, (33-36)/13, (1-2)

18. PREPARED BY: P.M.D.

AGENCY/ORGANIZATION: PennDOT 11-0
; DATE: October 5, 1982

Survey Number:

S-3

Bridge Name and Address:

Bridge in Shaler Township
L.R. 02349 over Pine Creek
Allegheny County

Owner:

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

Area of Significance:
Statement of Significance:

Engineering
The bridge in Shaler Township is a fine example of an early twentieth century stone arch bridge. Built in 1915 of high quality ashlar construction, the single arch spans sixty-three feet. One of two nominated stone arch bridges located in Allegheny County, this bridge is similar to the other in materials and detail. It is located in the western part of Pennsylvania, where only five stone arch bridges included in this nomination were located. The bridge illustrates continuity of stone arch bridge building in Pennsylvania and retains excellent integrity.

Boundary Description:

The nominated property consists of a 116 feet long by 50 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.

Birchfield Rd. over Pine Creek
S-3: Bridge in Saler Township
Allegheny County
Zone 17-Gleashaw Road
E 588600 N 4488600

