

9. HISTORICAL DATA

8. USGS QUAD. Slatedale 18

UTM's: Zone 18

E 4 4 0 0 0 0

N 4 5 0 5 5 6 5

E

N

Designer/Engineer: Unknown

Builder/Contractor: Unknown

Bridge Company: Unknown

Date(s): 1887; basis PennDOT Records

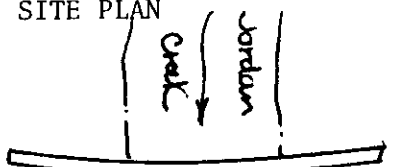
_____ ; basis

_____ ; basis

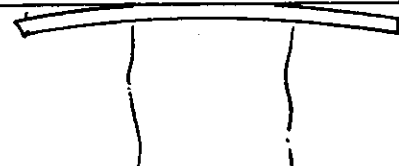
_____ ; basis

Use: Vehicular present; Vehicular original.

10. SITE PLAN



← L.R. 39110 →



12. VIEW

no.

PHOTO

11. INTEGRITY

_____ altered; _____.

unaltered; _____*.

_____ moved; _____.

Explain:

* except for underpinning

13. COMMENTS

Unusual features:

Locale/environment: Rural;residential

Machinery (describe/identify type/
equipment):

14. DIMENSIONS

spans: 1 no., 32 ft. 94' O/A

main: 1 no., 32 ft.

secondary: _____ no., _____ ft.

approach: _____ no., _____ ft.

piers: _____ no.

towers: _____ no., _____ ft.

1. County Lehigh
 2. Municipality Heidelberg Twp.
 3. Structure No. 3912101011101010101611391
 4. Survey Code 05-819 S-37
 5. Present Name Bridge in Heidelberg Township
 6. Other name (historic name if any) n/a
 7. Crossing L.R. 39110 over Branch of Jordan Creek

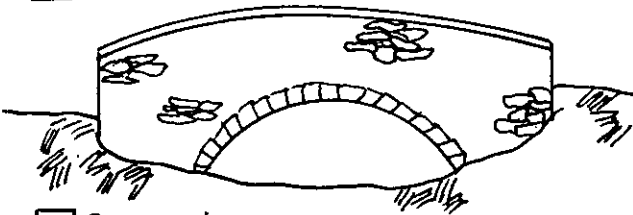
15. TYPE

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:	_____	_____	_____
towers:	_____	_____	_____
railings:	_____	_____	_____
Substructure			
piers:	_____	_____	_____
abutments:	_____	_____	_____
wings:	_____	_____	_____
intrados/ribs:	stone	pointed	_____
voussoirs:	_____	_____	_____

17. PHOTO NO's.
05-02 (1-5)

18. PREPARED BY: A.F. Testen
AGENCY/ORGANIZATION: PennDOT
; DATE: June 1982

Survey Number: S-37

Bridge Name and Address: Bridge in Heidelberg Township
L.R. 39110
Lehigh County

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

Statement of Significance: The bridge in Heidelberg Township is a typical, small nineteenth century single span stone arch bridge built of coursed rubble. Constructed about 1887, this is one of three stone bridges located in Lehigh County, and included in this nomination; all three were built in the last quarter of the nineteenth century. With its very good integrity, this bridge is the only nominated representative of the small, single span stone bridges that have carried horse and automobile traffic over the many streams in Lehigh County.

Area of Significance: Engineering, transportation.

Boundary Description: The nominated property consists of a 94 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.

