

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

9. HISTORICAL DATA

8. USGS QUAD. Shippensburg

UTM's: Zone 18

E	2	8	0	8	4	0
N	4	4	4	1	6	4
E						
N						

Designer/Engineer: Unknown

Builder/Contractor:

Silas Harry

Bridge Company: Unknown

Date(s): 1827; basis Structure Inventory Record

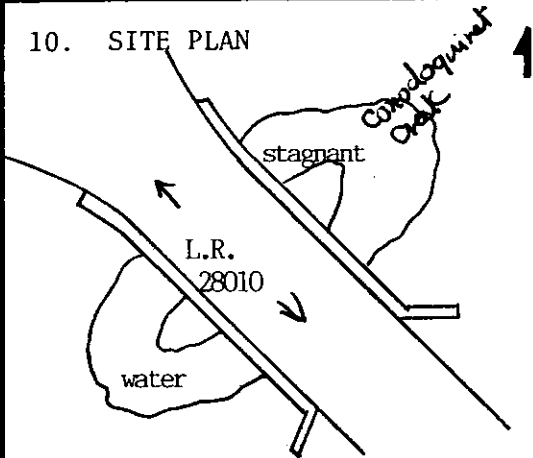
1829; basis F. F. Unger's Old Bridges of Franklin County bridge #8

Commissioners basis-- Benjamin Keyser; William Reynolds; William Heyser

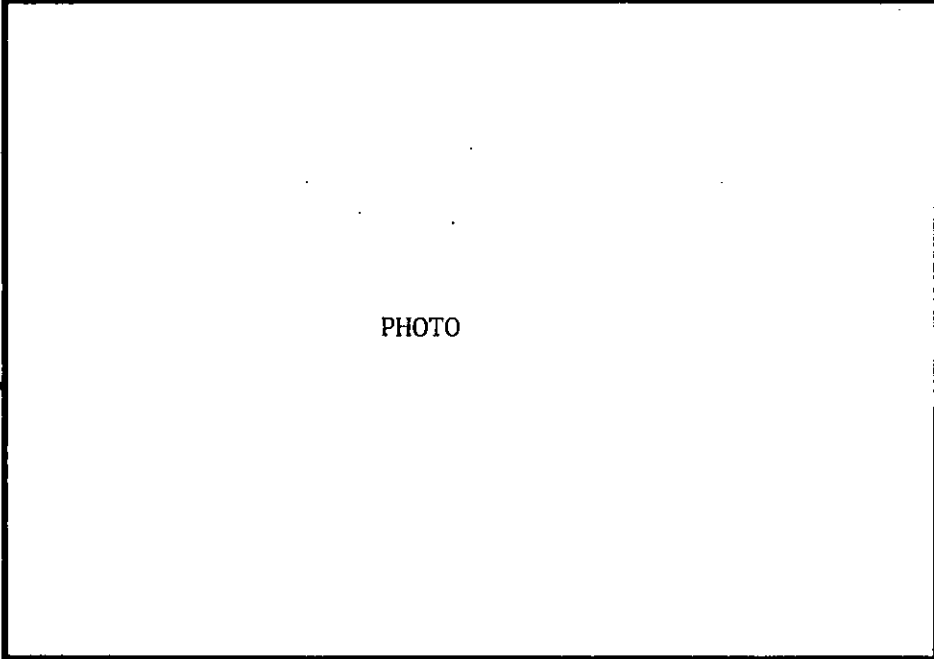
_____ ; basis

Use: Vehicular present; Vehicular original.

10. SITE PLAN



12. VIEW Upstream no. 28



11. INTEGRITY

altered; unknown
 unaltered; _____
 moved; _____

Explain: Repointed

13. COMMENTS

Unusual features:
 3 Span arch adjoining

Locale/environment: Rural

Machinery (describe/identify type/equipment):

14. DIMENSIONS

spans: 2 no., 105 ft. O/A
 main: 2 no., 20 ft.
 secondary: _____ no., _____ ft.
 approach: _____ no., _____ ft.
 piers: _____ no.
 towers: _____ no., _____ ft.

1. County Franklin
 2. Municipality Lurgan Twp.
 3. Structure No. 28
 4. Survey Code S-30
 5. Present Name McClay's Twin Bridge (East)
 6. Other name (historic name if any) McClay's Twin Bridge (West)
 7. Crossing L.R. 28010
 over Trib. Conodoguinet Creek

15. TYPE

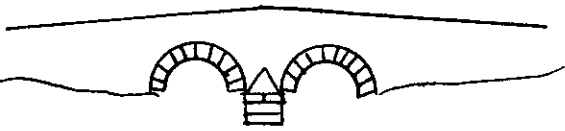
CHARACTERISTICS

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: stone parapet with 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:	Stone	large ashlar; semi-coarse	_____.
towers:	_____	_____	_____.
railings:	Stone/concrete	ashlar; semi-coarse/cap	_____.
Substructure			
piers:	Stone	ashlar; uncoarse	_____.
abutments:	Stone	ashlar; semi-coarse	_____.
wings:	Stone	ashlar; semi-coarse	_____.
intrados/ribs:	Stone	coarse	_____.
vousoirs:	Stone	radiating, uncoarse	_____.

17. PHOTO NO's.
08-13 (28-32)

18. PREPARED BY: Patricia A. Remy
AGENCY/ORGANIZATION: PennDOT
; DATE: 8-2-82

Survey Number: S-30

Bridge Name and Address: McClay's Twin Bridge (east)
L.R. 28010
Franklin County

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

Statement of Significance: McClay's Twin Bridge, east, is a very fine example of a small, multiple span, nineteenth century turnpike bridge, is one of two camelback bridges built adjacent to each other on the same road by Silas Harry. This bridge crossed Conodoquiret Creek with two arches of twenty feet spans, but continues on to carry the road for 105 feet. Silas Harry was one of Pennsylvania's master masons, known to have built stone bridges along the National Road in both Pennsylvania and Maryland. Although few of the stone bridges which were built in Franklin County still stand, they are well documented in F. F. Unger's Old Bridges of Franklin County. The use of roughly coursed local limestone, the semi-pyramidal piers and the roughly cut thin limestone coping are typical of Franklin County bridges built prior to 1860.

Area of Significance: Engineering.

Boundary Description: The nominated property consists of a 105 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.

STATE OF PENNSYLVANIA
DEPARTMENT OF INTERNAL AFFAIRS
TOPOGRAPHIC AND GEOLOGIC SURVEY



CARLISLE 23 MI.
NEWBURG 2.3 MI.

35' 280

281

5464 11 NE
(NEWBURG) 282

NEWBURG 1

Otterbein

Mowersville

Mongul

Quarry

BM 600



Franklin Co

L.R. 28010

Lurgan twp.

Shippensburg Twp.