

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

9. HISTORICAL DATA
 None on Bridge

1. County Franklin
 2. Municipality Hamilton + Guilford Twps.
 3. Structure No. 28033
 4. Survey Code S-32
 5. Present Name Bridge between Guilford and Hamilton Townships
 6. Other name (historic name if any) n/a
 7. Crossing L.R. 28033 over Conococheque Creek

8. USGS QUAD. Chambersburg

UTM's: Zone 18

E	2	6	7	9	9	0
N	4	4	1	8	4	1
E						
N						

Designer/Engineer: Unknown

Builder/Contractor: Unknown

Bridge Company: Unknown

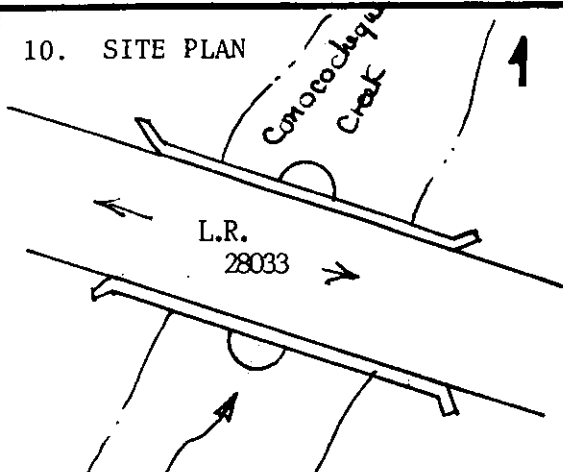
Date(s): Unknown ; basis Structure Inventory Record

Pre-1860 ; basis Unger, F. F., Old Bridges of Franklin County, 1941: the Mercersburg Journal; Mercersburg, Pa. (bridge is identified as #13)

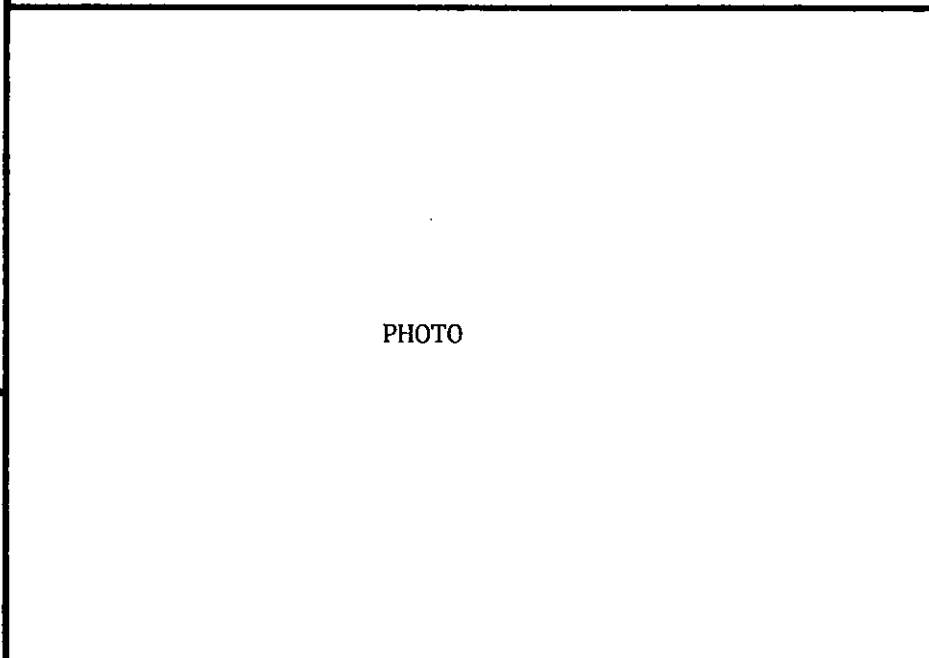
_____ ; basis

Use: Vehicular present; Vehicular original.

10. SITE PLAN



12. VIEW Upstream no. .



11. INTEGRITY

X altered; unknown .
 unaltered; _____ .
 moved; _____ .

Explain: Arches gunnite; repointed; concrete repair to parapet cap.

13. COMMENTS

Unusual features:
 Compatible to setting; camelback; parapet 3'-5' higher on W-end.

Locale/environment:
 Rural

Machinery (describe/identify type/equipment):

14. DIMENSIONS

spans: 2 no., 84 ft. 100' O/A
 main: 2 no., 36 ft.
 secondary: ___ no., ___ ft.
 approach: ___ no., ___ ft.
 piers: 1 no.
 towers: ___ no., ___ ft.

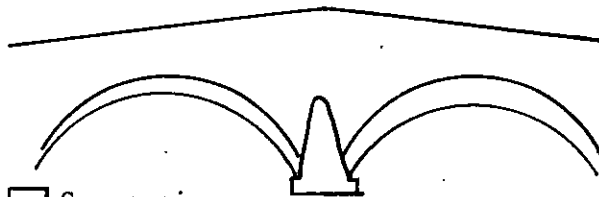
15. TYPE

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: 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	irregular, coarse	_____
towers:	_____	_____	_____
railings:	Stone/concrete	coarse; irregular/cap	_____
Substructure			
piers:	stone	regular; coarse	_____
abutments:	stone	irregular; coarse	_____
wings:	stone	irregular; coarse	_____
intrados/ribs:	stone	gunnited	_____
voussoirs:	stone	radiating	_____

17. PHOTO NO's.

08-04 (27-31)

18. PREPARED BY: Patricia A. Remy

AGENCY/ORGANIZATION: PennDOT

; DATE: 8-3-82

Survey Number: S-32

Bridge Name and Address: Bridge between Guilford and
Hamilton Townships
L.R. 28033
Franklin County

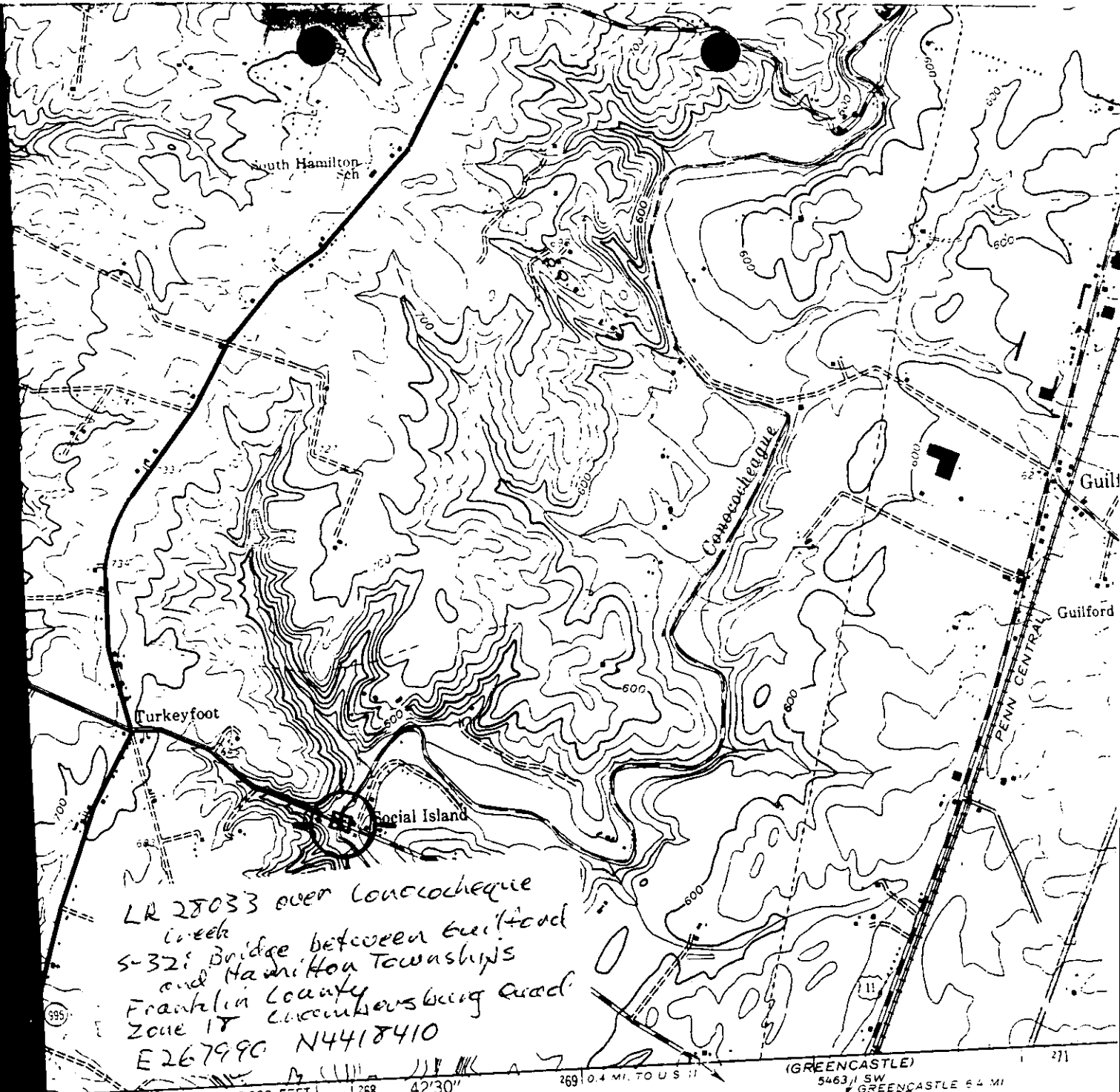
Owner: Commonwealth of Pennsylvania
Department of Transportation
Transportation & Safety Building
Harrisburg, Pennsylvania 17120

Statement of Significance: The bridge between Guilford and
Hamilton Townships is one of four
very fine examples of nineteenth
century turnpike bridges located in
Franklin County. Although the date
of construction is unknown, the
configuration of quality of
workmanship is typical of many
stone arch bridges built in
Franklin County in the nineteenth
century. The two arches of this
bridge are somewhat longer than the
others, spanning 36 feet each.
Although few of the stone briges
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 then limestone
coping are typical of Franklin
County bridges built prior to 1860.

Area of Significance: Engineering.

Boundary Description: The nominated property consists
of a 100 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.



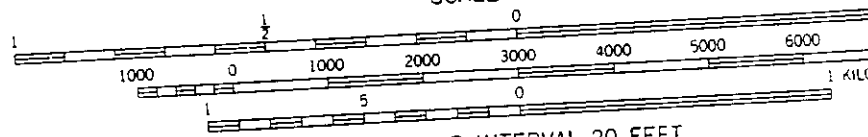
LR 28033 over Crawcocheque
Creek
S-32: Bridge between Guilford
and Hamilton Townships
Franklin County
Zone 17 Cucumbersburg Road
E267990 N4418410

995

2010000 FEET 1 268 42'30"

269 0.4 MI. TO U.S. 11

(GREENCASTLE)
5463 1 SW
SCALE 1:24000
GREENCASTLE 6.4 MI



CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

MN
GN
74°
133 MILS
1°43'
31 MILS

Methods

South zone

UTM GRID AND 1973 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON RF

Pennsylvania D.O.T. Owned Highway Bridges
S-32
Bridge between Guilford and Hamilton Twp.