

9. HISTORICAL DATA

1. County Montgomery  
 2. Municipality Marlboro Twp.  
 3. Structure No. 462101031310118151010  
 4. Survey Code 811  
 5. Present Name Sutch Road Bridge in Marlborough Township  
 6. Other Name (historic name if any) n/a  
 7. Crossing Sutch Road over Unami Creek

8. USGS QUAD. Perkiomenville

UTM's: Zone 18

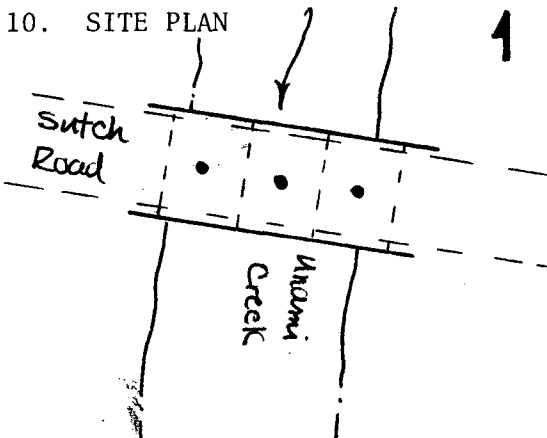
E	4	6	4	0	6	0
N	4	4	6	8	4	0
E						
N						

Designer/Engineer: Unknown

Builder/Contractor: James M. Smith

Bridge Company: Unknown

10. SITE PLAN



Date(s): 1910; basis

Plaque on Bridge

\_\_\_\_\_ ; basis

\_\_\_\_\_ ; basis

\_\_\_\_\_ ; basis

Use: Veh. present; Veh. original.

11. INTEGRITY

   altered; \_\_\_\_\_  
  x unaltered; \_\_\_\_\_  
   moved; \_\_\_\_\_

Explain:

12. VIEW

no.

PHOTO

13. COMMENTS

Unusual features:  
 Shaped Stone Cap on Parapet

Locale/environment: Rural Woodlands

14. DIMENSIONS

spans: 3 no., 76 ft. 0/A  
3 no., 25.1 ft. EA  
 secondary: \_\_\_\_\_ no., \_\_\_\_\_ ft.  
 approach: \_\_\_\_\_ no., \_\_\_\_\_ ft.  
 piers: \_\_\_\_\_ no.  
 towers: \_\_\_\_\_ no., \_\_\_\_\_ ft.

Machinery (describe/identify type/equipment):

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:	Masonry	Coursed	_____
towers:	_____	_____	_____
railings:	_____	_____	_____
Substructure			
piers:	Masonry	Coursed	_____
abutments:	_____	_____	_____
wings:	Masonry	Coursed	_____
intrados/ribs:	"	"	_____
voussoirs:	"	"	_____

17. PHOTO NO's.

06-44 (1-5)

18. PREPARED BY:

AGENCY/ORGANIZATION: Dist. 6-0

; DATE: 11/8/82

Survey Number: S-48

Bridge Name and Address: Sutch Road Bridge in Marlborough  
Township  
L.R. 46033  
Montgomery County

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

Statement of Significance: Sutch Road Bridge in Marlborough Township is a good example of a twentieth century multiple span stone arch bridge built in the style of the region's nineteenth century bridges. This three arch bridge was built in 1910 of coursed, roughly squared ashlar. In overall configuration and arch length it imitates the earlier bridges, however, the rough stone parapet wall cap is a twentieth century treatment. With its excellent integrity, it is a fine example of the continuing tradition of 19th century multi-span stone construction in Montgomery County.

Area of Significance: Engineering.

Boundary Description: The nominated property consists of a 125 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.

