

Survey Number: T-1

Bridge Name and Address: Bridge in Cumberland Township
L.R. 01002 over Marsh Creek
Adams County

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

Statement of Significance: The bridge in Cumberland Township is a three truss bridge, comprising two pony trusses and one Baltimore truss. It is significant primarily because of the Baltimore truss, which is one of only three representative examples of this truss type included in this nomination. Built in 1894, this Baltimore truss is the earliest example of its type in the nomination. It is also one of the few metal trusses located in south central Pennsylvania. Most exemplary truss bridges included in this nomination were built in the north central, northwestern and southwestern sections of the state. It was built by Nelson and Buchanon, a Pennsylvania firm which built bridges throughout the state.

Area of Significance: Engineering.

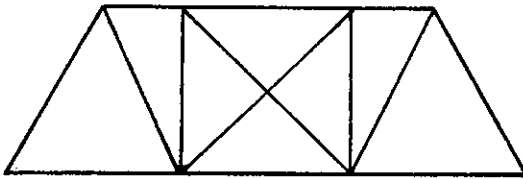
Boundary Description: The nominated property consists of a 275 feet long by 25 feet wide rectangle whose vertices coincide with the outside corners of the bridge's wing walls, and includes only superstructure and substructure.

Acreage of Nominated Property: Less than one acre.

15. TYPE

CHARACTERISTICS

Truss: continuous/cantilever:



Arch: masonry/metal:

Suspension:

Bascule:

Swing:

Vertical Lift:

Other:

webbing: Part 10000
 anchor span: _____
 cantilever span: _____
 suspended span: _____
 thru/deck/low (pony): full-slope/half-hip.
 connections: pin/riveted.
 eyebars: loop welded/die forged. plate
 railing: handrail/circular bolting
 columns: channels w/stay plates

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

stiffening: braced-chain (1/2/3-hinged) /suspended truss.
 wire cable: twisted/parallel.
 eyebar chain.
 back-stay: straight/curved.

single/double leaf.
 rolling lift: Schertzer.
 trunnion: simple (Chicago) /multiple (Strauss).
 counterweights: heel/overhead.
 Page/Rail.
 semi-lift/direct lift.

bearing: center/rim/combination.
 (see Truss above).

(see Truss above).

other: _____

16. MATERIALS (primary)

Superstructure	type	treatment/finish	source
main span:	<u>steel</u>	_____	_____
towers:	_____	_____	_____
railings:	<u>steel</u>	_____	_____
Substructure			
piers:	<u>steel</u>	_____	_____
abutments:	<u>stone</u>	_____	_____
wings:	<u>stone w/concrete coping</u>	_____	_____
intrados/ribs:	_____	_____	_____
voussoirs:	_____	_____	_____

17. PHOTO NO'S. 08-01 (21-32)

18. PREPARED BY: Patricia A. Remy
 AGENCY/ORGANIZATION: PaDOT
 ; DATE: 7/26/82

8. USGS QUAD. Fairfield

UTM's:		Zone					
E	3	0	4	2	.	4	
N	4	4	0	3	1	3	
E							
N							

Designer/Engineer: *Nelson & Buchanan

Builder/Contractor: *Nelson & Buchanan
 *Geo. D. Basehaar, Calvin H. Beamer, Wm. A Sell

Bridge Company: Commissioners, E.P. Sacks, Clerk
 Nelson & Buchanan Engrs. & Contrs. Chambersburg

Penna., 1894

Date(s): 1894 ; basis Ozalide

1894 ; basis Bridge plaques
 (SW & NE)*

_____ ; basis

_____ ; basis

Use: Vehicular present; Vehicular original.

10. SITE PLAN

L.R.01002

12. VIEW

no.

PHOTO

11. INTEGRITY

altered; _____
 unaltered; _____
 moved; _____

Explain:

13. COMMENTS

Unusual features:

Aesthetic; 2 pony trusses
 & 1 Pa. truss

Locale/environment: Rural; farming

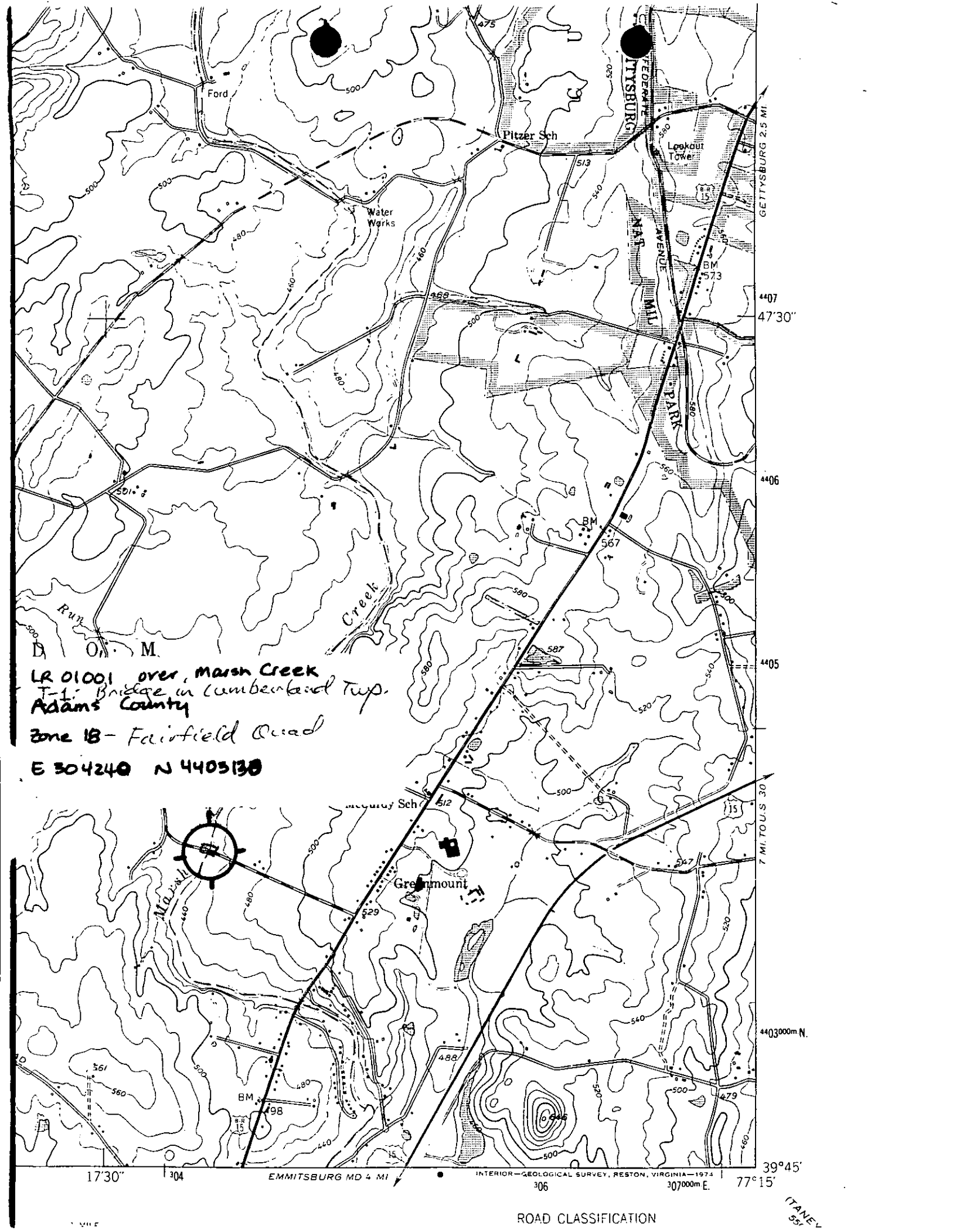
14. DIMENSIONS

spans: 3 no., 255 ft. 0/A
 main: 1 no., 160 ft.
 secondary: 2 no., 48 ft.
 approach: _____ no., _____ ft.
 piers: _____ no.
 towers: _____ no., _____ ft.

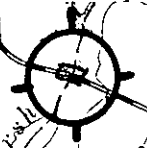
Machinery (describe/identify type/
 equipment):

N/A

1. County Adams	2. Municipality Cumberland Twp.	3. Structure No. 01 02 01 01 01 02 01 01 03 9 7 3	4. Survey Code F-1
5. Present Name Bridge in Cumberland Township	6. Other name (historic name if any) N/A	7. Crossing L.R. 01002- over Marsh Creek	



LR 01001 over Marsh Creek
 T-1 Bridge in Cumberland Twp.
 Adams County
 Zone 18 - Fairfield Quad
 E 304240 N 4405130



17°30'

304

EMMITSBURG MD 4 MI

INTERIOR-GEOLOGICAL SURVEY, RESTON, VIRGINIA-1974

306

307000m E

77°15'

39°45'

4403000m N

7 MI. TO U.S. 30

4406

4407
47°30'

GETTYSBURG 2.5 MI.

ROAD CLASSIFICATION

ITANEV
55'