



United States Department of the Interior

NATIONAL PARK SERVICE
1849 C Street, N.W.
Washington, DC 20240

SUPPLEMENTARY LISTING RECORD

NRIS Reference Number: 88000868

Date Listed: 6/22/1988

Property Name: Bridge in South Beaver Township

County: Beaver

State: PA

Multiple Name: Highway Bridges Owned by the Commonwealth of Pennsylvania, Department of Transportation TR MC64000726

This property is listed in the National Register of Historic Places in accordance with the attached nomination documentation subject to the following exceptions, exclusions, or amendments, notwithstanding the National Park Service certification included in the nomination documentation.

Signature of the Keeper

Date of Action

Amended Items in Nomination:

This SLR is issued to make a technical correction to the nomination form. The form states that the bridge is located on "Walts" Mill Road. We have been informed by the PA SHPO that the correct spelling of the road is "Watts" Mill Road. The form and database are amended to show the correct name.

The State Historic Preservation Office was notified of this amendment.

DISTRIBUTION:

National Register property file

Nominating Authority (without nomination attachment)

Survey Number: T-4

Bridge Name and Address: Bridge in South Beaver Township
L.R. 04097 over Little Beaver
Beaver County

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

Statement of Significance: The bridge in South Beaver Township is an unusually configured, pin-connected Pratt pony truss. Viewed from the roadway, this truss appears to be a typical Pratt pony truss. However, the single truss is supported by a pier in the center, and appears to function as a continuous, two-span bridge. Most pony trusses are "simply supported" spans, i.e., only each end of a single truss rests on a support. Thus, this bridge is typical in truss configuration but unusual in function and substructure configuration. Built about 1878 by the West Penn Bridge Company, it is one of seven Pratt pony trusses included in this nomination. The construction dates for these bridges range from 1871 to 1906 and they are located throughout the state.

Area of Significance: Engineering.

Boundary Description: The nominated property consists of a 116 feet long by 25 feet wide rectangle whose vertices coincide with the outside corners of the bridge's piers, and includes only superstructure and substructure.

Acreage of Nominated Property: Less than one acre.

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

9. HISTORICAL DATA

8. USGS QUAD. New Galilee

UTM's: Zone 17
 E | 5 | 4 | 2 | 8 | 7 | 0 |
 N | 4 | 5 | 1 | 5 | 5 | 2 | 0 |
 E | | | | | | | |
 N | | | | | | | |

Designer/Engineer: Unknown

Builder/Contractor: Unknown

Bridge Company: West Penn Bridge Company
 of New Brighton, Pennsylvania

Date(s): Built-1878 basis Structure Inventory Record

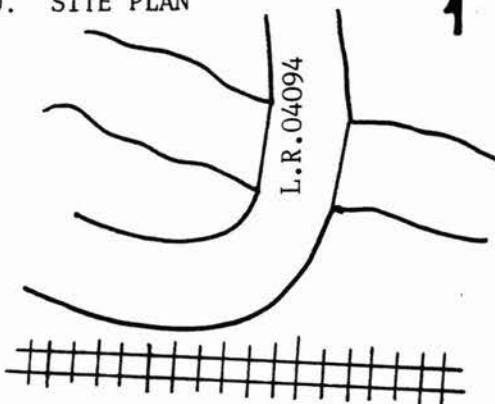
Reconstruction: 1976 basis Bridge Inspector's Report

_____ ; basis

_____ ; basis

Use: vehicular present; vehicular original.

10. SITE PLAN



12. VIEW

no.

PHOTO

11. INTEGRITY

Xaltered; open grid deck
wood deck removed
 unaltered; _____
 moved; _____

Explain: Wood deck replaced with open grid; deck rivets replaced with bolts in places guardrail replaced wood curb

13. COMMENTS

Unusual features:

N/A

Locale/environment:

N/A

Machinery (describe/identify type/equipment):

14. DIMENSIONS

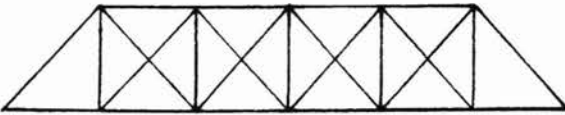
spans: 2 no., 109 ft. O/A
 main: 2 no., 48 ft.
 secondary: _____ no., _____ ft.
 approach: _____ no., _____ ft.
 piers: _____ no.
 towers: _____ no., _____ ft.

1. County: Beaver
 2. Municipality: Perkiomen
 3. Structure No.: 1041210101971010128301
 4. Survey Code: 11-400 T-4
 5. Present Name: Beaver
 6. Other name (historic name if any): Bridge in South Beaver Twp.
 7. Crossing: Walts Mill Road over Little Beaver

15. TYPE

CHARACTERISTICS

Truss: continuous/cantilever:



Arch: masonry/metal:

Suspension:

Bascule:

Swing:

Vertical Lift:

Other: Steel

- webbing: Sway bracing
- anchor span: _____
- cantilever span: _____
- suspended span: _____
- thru/deck/low (pony): full-slope/half-hip.
- connections: pin/riveted.
- eyebars: loop welded/die forged. both
- railing: guardrail
- columns: 2 chanel with cover plate
- 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/Rall.
- semi-lift/direct lift.
- bearing: center/rim/combination.
- (see Truss above).
- (see Truss above).
- other: Steel Pony Truss

16. MATERIALS (primary)

Superstructure	type	treatment/finish	source
main span:	<u>steel</u>	<u>open grid</u>	_____
towers:	_____	_____	_____
railings:	_____	_____	_____
Substructure			
piers:	<u>stone</u>	<u>broken face</u>	_____
abutments:	_____	_____	_____
wings:	_____	_____	_____
intrados/ribs:	_____	_____	_____
vousssoirs:	_____	_____	_____

17. PHOTO NO's. 11-1 1,(1-6)

18. PREPARED BY: P.M.D
 AGENCY/ORGANIZATION: PennDOT 11-0
 ; DATE: 10/1/82

United States Department of the Interior
National Park Service

National Register of Historic Places
Continuation Sheet

Section number _____ Page _____

Multiple Resource Area
Thematic Group

Name Highway Bridges Owned by the Commonwealth of
Pennsylvania, Department of Transportation TR
State Adams County (and others), PA

Nomination/Type of Review

Date/Signature

- 51. Bridge in Snake Spring Township
Entered in the National Register
Keeper *Alvina Byen* 6/22/88
Attest _____
- 52. Bridge in Solebury Township
Substantive Review
Keeper *Linda McClelland* 6/22/88
Attest _____
- 53. Bridge in South Beaver Township
Entered in the National Register
Keeper *Alvina Byen* 6/22/88
Attest _____
- 54. Bridge in Tinicum Township
Entered in the National Register
Keeper *Alvina Byen* 6/22/88
Attest _____
- 55. Bridge in Tredyffrin Township
Substantive Review
Keeper *Linda McClelland* 6/22/88
Attest _____
- 56. Bridge in Upper Frederick Township
Entered in the National Register
Keeper *Alvina Byen* 6/22/88
Attest _____
- 57. Bridge in Upper Fredrick Township
Substantive Review
Keeper *Linda McClelland* 6/22/88
Attest _____
- 58. Bridge in Upper Merion Township
Entered in the National Register
Keeper *Alvina Byen* 6/22/88
Attest _____
- 59. Bridge in Washington Township
Entered in the National Register
Keeper *Alvina Byen* 6/22/88
Attest _____
- 60. Bridge in West Earl Township
Entered in the National Register
Keeper *Alvina Byen* 6/22/88
Attest _____

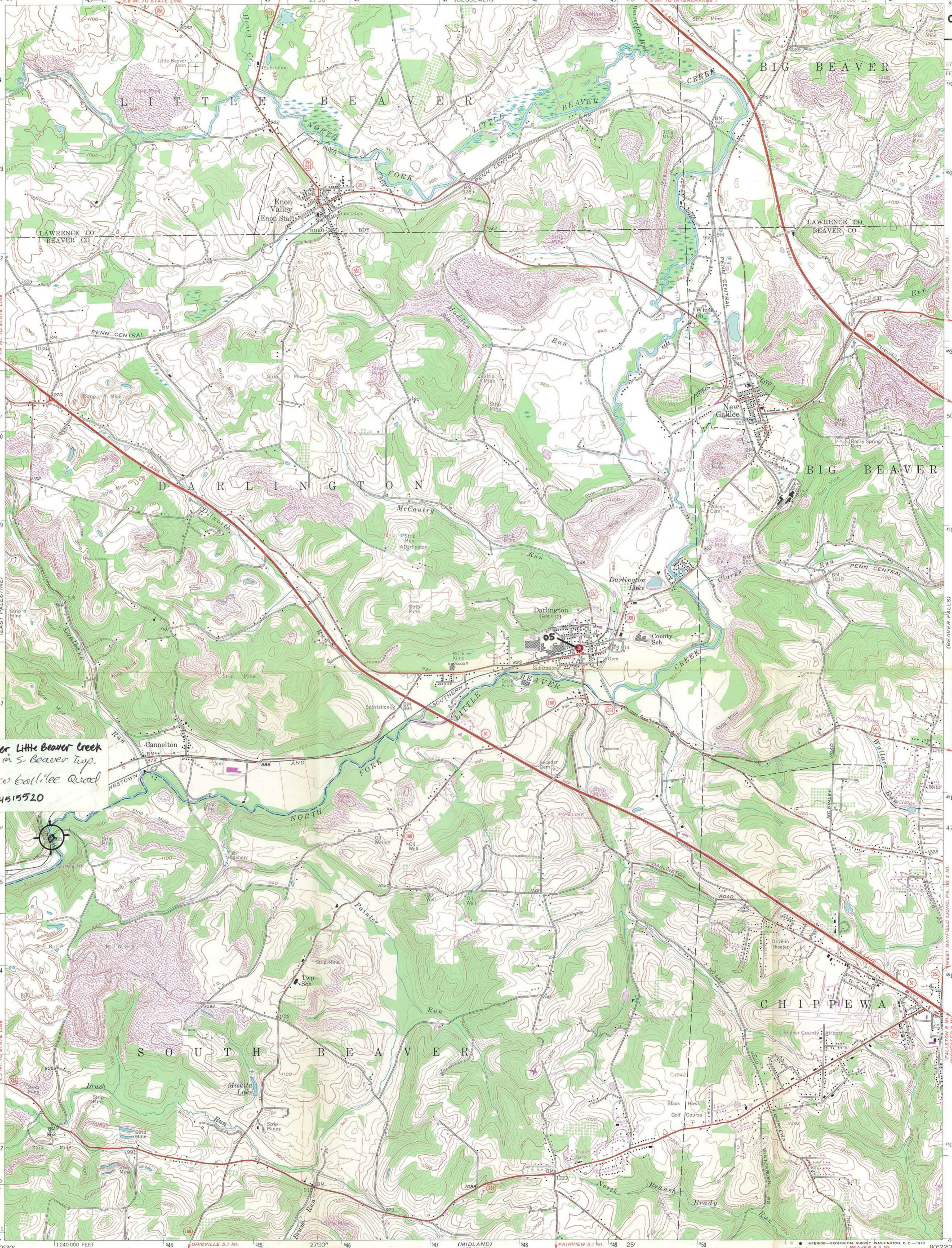


1. Name of Nomination: Highway Bridges Owned by the Commonwealth of Pennsylvania,
Department of Transportation
2. Name of Structure: Bridge in South Beaver Township
3. County: Beaver County
4. Photo Date: 1982
5. Photo Credit: Pennsylvania Department of Transportation
6. Negative Location: Pennsylvania Department of Transportation
7. Photo View: Portal view
8. Photo Number: T-4-1



1. Name of Nomination: Highway Bridges Owned by the Commonwealth of Pennsylvania,
Department of Transportation
2. Name of Structure: Bridge in South Beaver Township
3. County: Beaver County
4. Photo Date: 1982
5. Photo Credit: Pennsylvania Department of Transportation
6. Negative Location: Pennsylvania Department of Transportation
7. Photo View: Elevation
8. Photo Number: T-4-2

05-Greensburg
Academy



Waltz Mill Rd. over Little Beaver Creek
-4- Bridge in S. Beaver Twp.
Beaver County
Zone 17 - New Galilee Quad
E 542870 N 4515520

Pennsylvania D.O.T. Owned Highway Bridges
Bridge in South Beaver Twp.

Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Topography from aerial photographs by ER-55
Aerial photographs taken 1952. Field check 1957
Polyconic projection. 1927 North American datum
10,000-foot grid based on Pennsylvania coordinate system,
south zone
1000-meter Universal Transverse Mercator grid ticks,
zone 17, shown in blue
Fine red dashed lines indicate selected fence and field lines
visible on aerial photographs. This information is unchecked
Unchecked elevations are shown in brown
Contours in strip mine areas taken from
1952 photography

SCALE 1:24,000
1 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 0 1 2 3 4 5 6 7 8 9 10 KILOMETER
CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

UTM GRID AND 1969 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

Revisions shown in purple compiled in cooperation with
State of Pennsylvania agencies from aerial photographs
taken 1969. This information not field checked

ROAD CLASSIFICATION
Heavy-duty ——— Light-duty ———
Medium-duty ——— Unimproved dirt ———
Interstate Route ——— State Route ———

NEW GALILEE, PA.
SW 1/4 NEW CASTLE 15' QUADRANGLE
N4045-W8022.5/7.5
1957
PHOTOREVISED 1969
AMS 4965 IV SW-SERIES V831

88000868

NATIONAL REGISTER OF HISTORIC PLACES
EVALUATION/RETURN SHEET

Bridge in South Beaver Township (Highway
Bridges Owned by the Commonwealth of
Pennsylvania, Department of Transportation
TR)
Beaver County
PENNSYLVANIA

Working No. MAY 10 1988
Fed. Reg. Date: 2/7/89
Date Due: 6/19/88 - 6/24/88
Action: ACCEPT 6-22-88
 RETURN
 REJECT
Federal Agency: _____

- resubmission
- nomination by person or local government
- owner objection
- appeal

Substantive Review: sample request appeal NR decision

Reviewer's comments:

Recom./Criteria _____
Reviewer _____
Discipline _____
Date _____
_____ see continuation sheet

Nomination returned for: _____ technical corrections cited below
_____ substantive reasons discussed below

1. Name _____

2. Location _____

3. Classification

Category	Ownership Public Acquisition	Status Accessible	Present Use

4. Owner of Property _____

5. Location of Legal Description _____

6. Representation in Existing Surveys

Has this property been determined eligible? yes no

7. Description

Condition	Check one	Check one
<input type="checkbox"/> excellent	<input type="checkbox"/> deteriorated	<input type="checkbox"/> original site
<input type="checkbox"/> good	<input type="checkbox"/> ruins	<input type="checkbox"/> moved date _____
<input type="checkbox"/> fair	<input type="checkbox"/> unexposed	
	<input type="checkbox"/> unaltered	
	<input type="checkbox"/> altered	

Describe the present and original (if known) physical appearance

- summary paragraph
- completeness
- clarity
- alterations/integrity
- dates
- boundary selection

8. Significance

Period _____ Areas of Significance—Check and justify below

Specific dates _____ Builder/Architect _____

Statement of Significance (*in one paragraph*) _____

- summary paragraph
- completeness
- clarity
- applicable criteria
- justification of areas checked
- relating significance to the resource
- context
- relationship of integrity to significance
- justification of exception
- other

9. Major Bibliographical References

10. Geographical Data

Acreage of nominated property _____

Quadrangle name _____

UTM References _____

Verbal boundary description and justification _____

11. Form Prepared By

12. State Historic Preservation Officer Certification

The evaluated significance of this property within the state is:

_____ national _____ state _____ local

State Historic Preservation Officer signature _____

title _____ date _____

13. Other

- Maps
- Photographs
- Other

Questions concerning this nomination may be directed to _____

Signed _____ Date _____ Phone: _____