Survey Number: Bridge Name and Address:

Owner:

Bridge in Upper Fredrick Township L.R. 46007 Montgomery County Commonwealth of Pennsylvania Department of Transportation Transportation & Safety Building Harrisburg, Pennsylvania 17120

S-46

bridge The in Upper Fredrick Township is a good example of a multiple span nineteenth century stone highway bridge. The three semental arches of this bridge each span 20 feet and, like many stone bridges built during this time, are flanked by long approach walls which make the bridge much longer than its arch spans. A plaque on the. bridge documents its construction date as 1854. When viewed in elevation, the arch spans are differentiated from the body of the bridge by a small built-in recession. This stylistic variation describes a rectangle from the exterior of one arch ring. across both arch crowns to the exterior of the other arch ring; the projection of the rest of the bridge thus highlights this arched section. This feature appears to be peculiar to Montgomery County; there are five stone arch bridges built like this in that county. There are ten stone bridges included in this nomination which were built in Montgomery County. As a group, these bridges are an excellent illustration of the continuing tradition in stone masonry bridge construction in Pennsylvania. Construction dates for these bridges range from 1789 to 1910.

Statement of Significance:

Area of Significance:

Boundary Description:

Engineering.

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.

PENNSYLVANIA HISTORIC RESOURCE SURVEY FORM 9. HISTORICAL DATA **Bureau for Historic Preservation** Box 1026 ownshit County PA Historical & Museum Commission Harrisburg, PA 17120 Designer/Engineer: Sassamanville 8. USGS QUAD. Montgomery Unknown UTM's: Zone 18 Upper Fredrick 1 1 1 1 Builder/Contractor: E Unknown N E 4 5 3 7 5 0 Bridge Company: Unknown |4|4|5|9|4|5|0| N SITE PLAN Date(s): 1854 (?) ; basis 10. Plaque on Bridge 1 6 ; basis Other name (historic name if any n/aMunicipality U. Frederick ; basis Feigleys Ville 11 . ; basis Twp. Use: Veh. present; Veh. original. 12. VIEW no. 11. INTEGRITY x altered; unknown _unaltered;_____. Crossing Structure 4 6 moved; . N Explain: taglevsville South parapet, wingwalls and 0 pier reconstructed 0 РНОТО 0 10 17 1 13. COMMENTS Unusual features: 0 0 11 12 11 over 13 14 Swamp 14. DIMENSIONS Locale/environment: 125' 3 no., 60 ft. O/A spans: Creel Rural woodlands with several houses nearby 811 Survey 3 no., 20 ft. EA main: secondary: ____no., ____ft. Code Machinery (describe/identify type/ _____no., _____ft. equipment): approach: piers: no. S-46 no., ft. towers:

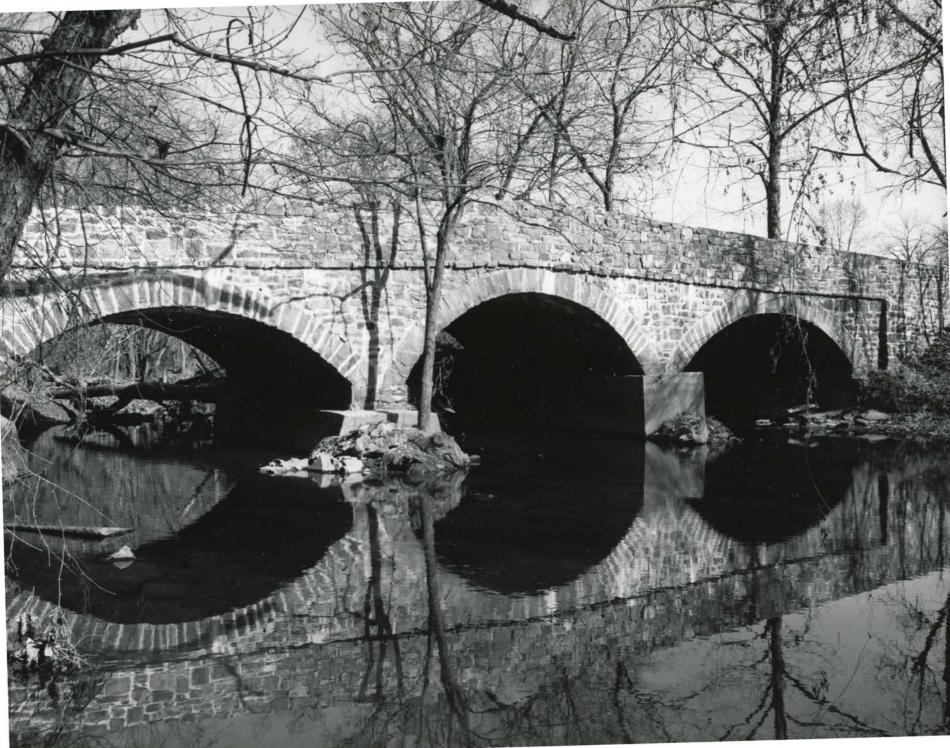
MAY 1 0 1988

| 15. TYPE | CHARACTERISTICS |
|---|---|
| Truss: continuous/cantilever: | <pre>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:</pre> |
| X Arch: masonry/metal: | <pre>x thru/deck/½-thru. fixed (hingeless) /1/2/3-hinged. ribs: solid/braced; crescent/parallel. x spandrels: open/solid/braced. intrados/vault; ribbed/solid. x shape: semi-circular/elliptical/segmental; stilted. skew</pre> |
| Suspension: | <pre>stiffening: braced-chain (1/2/3-hinged) /suspended truss. wire cable: twisted/parallel. eyebar chain. back-stay: straight/curved.</pre> |
| 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. |
| Vertical Lift: | (see Truss above). |
| 0ther: | other: |
| | |
| 16. MATERIALS (primary) | |
| Superstructure type | treatment/finish source |
| <pre>main span: Masonry towers:</pre> | _;Random; |
| railings: | ;;;; |
| Substructure | |
| piers: <u>Masonry</u> abutments: | _;Gunite; |
| wings: <u>Masonry</u> intrados/ribs: " | ; Random ; |
| voussoirs: " | j, |
| 17. PHOTO NO's. 06-43 (1-4) | <pre>18. PREPARED BY: AGENCY/ORGANIZATION: Dist. 6-0 ; DATE: 11-8-82</pre> |

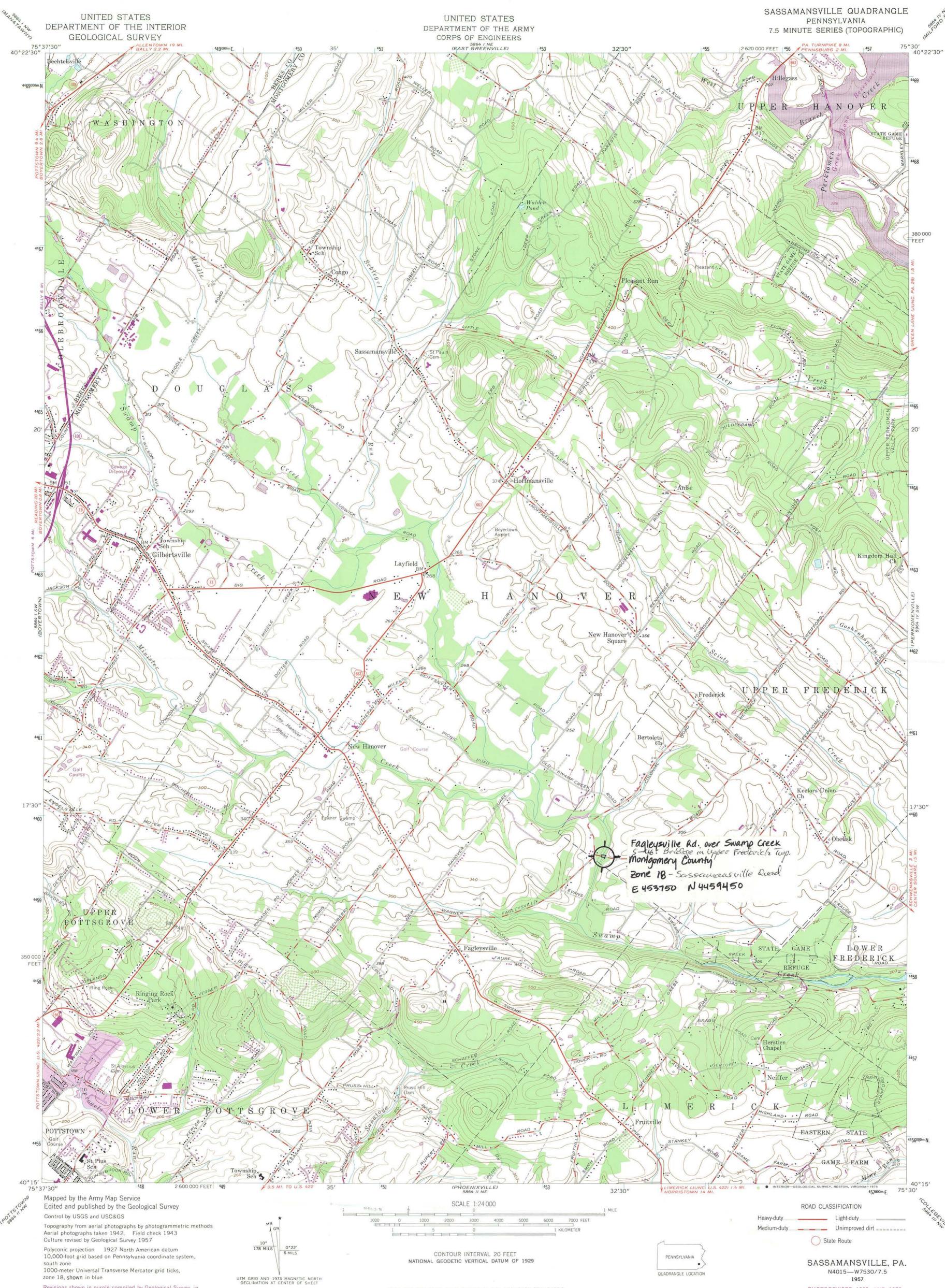
United States Department of the Interior National Park Service

National Register of Historic Places Continuation Sheet

| | | | | | Multiple Resource Area | |
|----------------|-----------|----------------|---|---|------------------------|-------------|
| Name_ State | Penns | | ned by the Common rtment of Transpo others), PA | | Thematic Group | |
| Jomin | nation/Ty | pe of Review | | | Date/Signature | |
| 51. | Bridge | in Snake Sprin | ng Townshiped in National Be | | Aloursym 4 | 12 21 |
| | | | NEUTOTOPT 190 | Attest | | |
| 52. | Bridge : | in Solebury To | wnship Substantive Re | View Keeper | Sinda Mc Clilland 6 | <u>/z</u> y |
| | | | 8 | Attest | | |
| 53. | Bridge : | in South Beave | Intered in the | Keeper | | 22/2 |
| | | | Nati nal Regi. | in the second | | |
| 4. | Bridge i | in Tinicum Tow | mship Entered in th | 10 * C + C + C + C + C + C + C + C + C + C | | ē4); |
|) | | | | Attest | ~1 | / |
| 5. + R f | Bridge i | in Tredyffrin | Township Substantive Re | Keeper | | 6/2 |
| 6. | Bridge i | in Upper Frede | uvic Entered in | Attest Keeper | 11 | 6/2. |
| | | | | RegisteAttest | | |
| 7. | Bridge i | n Upper Fredr | ick Township | Keeper | Inde malelland | |
| | 7 ag | leysnice n | L Substantive Ro | view Attest | . 6 | 22/ |
| 8. | Bridge i | in Upper Merio | n Township | Keeper | Alone Byen 6 | 122 |
| | | | National Re | gister Attest | | |
| 9. | Bridge i | n Washington | Township Entered in t National Red | .ne Keeper | Aulong Byen 6 | 122 |
| | Prideo i | n West Earl T | ormahin | Keeper | Sulouston a | 5/23 |



| 1. | Name of Nomination: | Highway Bridges Owned by the Commonwealth of Pennsylvania, Department of Transportation | | |
|----|--|--|--|--|
| 2. | Name of Structure: | Bridge in Upper Frederick Township | | |
| 3. | County: | Montgomery County | | |
| 5. | Photo Date: Photo Credit: Negative Location: | 1982 Pennsylvania Department of Transportation Pennsylvania Department of Transportation | | |
| 7. | Photo View: | Oblique view, showing elevation | | |
| 8. | Photo Number: | S-46 | | |



Revisions shown in purple compiled by Geological Survey in cooperation with State of Pennsylvania Agencies, from aerial photographs taken 1968 and 1973. This information not field checked Purple tint indicates urban areas

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

Pennsylvania D.O.T. Owned Highway Bridges-Bridge in Upper Fredrick Twp. S-46

PHOTOREVISED 1968 AND 1973 AMS 5864 I SE-SERIES V831

National Register of Historic Places

Note to the record

Additional Documentation: 2016

United States Department of the Interior Here National Park Service

National Register of Historic Places Continuation Sheet

Section number Additional Documentation—Technical Correction

As part of the *Highway Bridges Owned by the Commonwealth of Pennsylvania, Department of Transportation* Thematic Resources nomination effort in 1988, two bridges in Montgomery County were listed with an identical name: "Bridge in Upper Frederick Township." One bridge (a stone arch type) carried Fagleysville Road over Swamp Creek; the other bridge (an iron Pratt thru truss type) carried Gerloff Road over Swamp Creek.

It appears that during the nomination process, data was confused and the form for the Gerloff Road Bridge misidentifies the bridge as being located in Upper Frederick Township. The bridge location is actually within *Lower* Frederick Township.

To correct the error in the record for the iron truss bridge carrying Gerloff Road, the PA SHPO requests that the NPS update the record by changing the municipality name to "Lower Frederick Township" and changing the name to "Gerloff Road Bridge Crossing Swamp Creek."

To further clarify the name of the stone arch bridge carrying Fagleysville Road (which is correctly identified as being located in Upper Frederick Township), the PA SHPO requests that the NPS update the record by changing the name to "Fagleysville Road Bridge Crossing Swamp Creek."

Changing the municipality name for the Gerloff Road Bridge is essential to maintaining an accurate record. Clarifying the names of both bridges will help address future confusion and provide a more descriptive and accurate name for both resources.

OMB No. 1024-0018

Gerloff Road Bridge Crossing Swamp Creek Name of Property Montgomery County, PA County and State Highway Bridges Owned by the Commonwealth of Pennsylvania Department of Transportation, TR 64000726 Name of multiple listing (if applicable)

- PENNSYLVANIA, Montgomery County, Sumneytown vicinity, Swamp Creek Road Bridge (Highway Bridges Owned by the Commonwealth of Pennsylvania, Department of Transportation TR), Swamp Creek Rd. over Unami Creek (06/22/88)
- PENNSYLVANIA, Montgomery County, Unionville vicinity, Bridge in Hatfield Township (Highway Bridges Owned by the Commonwealth of Pennsylvania, Department of Transportation TR), Orvilla Rd. over W branch of Neshaminy Creek (06/22/88)
- PENNSYLVANIA, Montgomery County, Zieglersville vicinity, Bridge in Upper Frederick Township (Highway Bridges Owned by the Commonwealth of Pennsylvania, Department of Transportation TR), Gerloff Rd. over Swamp Creek (06/22/88)
- PENNSYLVANIA, <u>Northampton County</u>, Bangor, <u>Bridge in Bangor Borough (Highway Bridges Owned by</u> the Commonwealth of Pennsylvania, Department of Transportation TR), Pennsylvania St. over Martins Creek (06/22/88)
- PENNSYLVANIA, Northampton County, Portland, County Bridge No. 36 (Highway Bridges Owned by the Commonwealth of Pennsylvania, Department of Transportation TR), TR 611 over Jacoby Creek (06/22/88)
- PENNSYLVANIA, Northampton County, Stouts vicinity, Bridge in Williams Township (Highway Bridges Owned by the Commonwealth of Pennsylvania, Department of Transportation TR), LR 48007 over Frey's Run (06/22/88)
- PENNSYLVANIA, Northumberland County (also in Union County), Allenwood and Dewart, Allenwood River Bridge (Highway Bridges Owned by the Commonwealth of Pennsylvania, Department of
 - Transportation TR), LR 460 over W branch of Susquehanna River (06/22/88)

re-7 9-

- PENNSYLVANIA, Northumberland County (also in Union County), Watsontown and White Deer, Watsontown River Bridge (Highway Bridges Owned by the Commonwealth of Pennsylvania, Department of Transportation TR), LR 240 spur over W branch of Susquehanna River (06/22/88)
 - PENNSYLVANIA, Perry County, Newport, Bridge in Newport Borough (Highway Bridges Owned by the Commonwealth of Pennsylvania, Department of Transportation TR), LR 34 over Little Buffalo Creek (06/22/88)
 - PENNSYLVANIA, <u>Philadelphia County</u>, Philadelphia, <u>Adams Avenue Bridge in Philadelphia (Highway</u> Bridges Owned by the Commonwealth of Pennsylvania, Department of Transportation TR), Adams Ave. over Tacony Creek (06/22/88)
 - PENNSYLVANIA, Philadelphia County, Philadelphia, Belmont Avenue Bridge in Philadelphia (Highway Bridges Owned by the Commonwealth of Pennsylvania, Department of Transportation TR), Belmont Ave. over Ramp B (06/22/88)
 - PENNSYLVANIA, Philadelphia County, Philadelphia, City Line Avenue Bridge (Highway Bridges Owned by the Commonwealth of Pennsylvania, Department of Transportation TR), City Ave. over E branch of Indian Creek (06/22/88)
 - PENNSYLVANIA, Philadelphia County, Philadelphia, Frankford Avenue Bridge (Highway Bridges Owned by the Commonwealth of Pennsylvania, Department of Transportation TR), Frankford Ave. over Pennypack Creek (06/22/88)
 - PENNSYLVANIA, Philadelphia County, Philadelphia, Frankford Avenue Bridge (Highway Bridges Owned by the Commonwealth of Pennsylvania, Department of Transportation TR), Frankford Ave. over Poquessing Creek (06/22/88)
 - PENNSYLVANIA, Philadelphia County, Philadelphia, Holme Avenue Bridge (Highway Bridges Owned by the Commonwealth of Pennsylvania, Department of Transportation TR), Holme Ave. over Wooden Bridge Run (06/22/88)
 - PENNSYLVANIA, <u>Philadelphia County</u>, Philadelphia, <u>Ridge Avenue Bridge in Philadelphia (Highway</u> Bridges Owned by the Commonwealth of Pennsylvania, Department of Transportation TR), Ridge Ave. over Wissahickon Creek (06/22/88)
 - PENNSYLVANIA, Philadelphia County, Philadelphia, <u>Thirty-third Street Bridge in Philadelphia</u> (Highway Bridges Owned by the Commonwealth of Pennsylvania, Department of Transportation TR), Thirty-third St. over Master St. (06/22/88)

| | | | | - |
|---|------------------------|--|----------|-------------------------|
| PENNSYLVANIA HISTORIC RESOURCE SUF Bureau for Historic Preservation Box 10 | | 9. HISTORICAL DATA | Chu | 5. Pr |
| PA Historical & Museum Commission Harrisb | ourg, PA 17120 | c | Re | County Mc Present |
| 8. USGS QUAD. Perkiomenville | | | | Nam |
| UTM's: Zone 18 | Unknown | | | Montgomery |
| E <u>4 5 8 7 4 0</u> N 4 4 5 8 1 2 0 | Builder/Cont Unknow | | | ry |
| | Bridge Compa | | Fred | 3 |
| N | | nix Bridge Company | derick | 8 |
| 10. SITE PLAN | Date(s): _18 | 388; basis form #488A | londage | |
| | | ; basis | · [] | 6. Other |
| Cool Co | | ; basis | | ipality Fre |
| Store Sugar Cast | | ; basis | NJA | lerick] |
| at . | | | NJA | Twp |
| | Use: Vehicu | llar present; same original | | fanv) |
| 11. INTEGRITY | VIEW | no. | _ | |
| altered; . | | * s | - | ω |
| x unaltered; | | | 7. Cro | 8. Str |
| | | 8 | Crossing | Structure No. |
| Explain: | | | G | 12 No. |
| - | | £ | erloff | 0 |
| | 2 | РНОТО | | 9 |
| | 8 | e | Road | 01 21 |
| 13. COMMENTS | | 8 | | Ŀ |
| Unusual features: | 50 10 | × | | 0 |
| Structure closed to traffic Phoenix columns | | | | 0 0 |
| | | | over | 9 |
| | | | Swamp | 43 |
| Locale/environment: | 7 | 14. DIMENSIONS | | س |
| rural woodlands & farmlands | | spans:ft. O/A | Creek | 4. S |
| | | main: <u>1 no.</u> , <u>135</u> ft. secondary: no., ft. | <u>۲</u> | 9.10 9.10 |
| Machinery (describe/identify t equipment): | type/ | approach: no., ft. | | Code 'T- |
| N/A | | piers: no. | | .34 |
| | | towers:ft. | | |
| | | A 10.244 A 1 | | |

| 15. TYPE | CHARACTERISTICS | |
|--|--|-------------------------------|
| X Truss: <u>continuous</u> /cantilever: | webbing: none anchor span: cantilever span: suspended span: x thru/deck/low (pony): ful connections: pin/riveted. x eyebars: loop welded/die x railing: 1" pipe x columns: Phoenix | forged. |
| Arch: masonry/metal: | thru/deck/½-thru. fixed (hingeless) /1/2/3-h ribs: solid/braced; cresce spandrels: open/solid/brac intrados/vault; ribbed/sol shape: semi-circular/ellip skew | ent/parallel. ced. lid. |
| Suspension: | stiffening: braced-chain truss. wire cable: twisted/parall eyebar chain. back-stay: straight/curved | lel. |
| Bascule: | single/double leaf. rolling lift: Schertzer. trunnion: simple (Chicago) counterweights: heel/overh Page/Rall. semi-lift/direct lift. | |
| Swing: Vertical Lift: Other: | bearing: center/rim/combin (see Truss above). (see Truss above). other: | ation. |
| | ÷ | |
| 16. MATERIALS (primary) | | |
| Superstructure type main span: metal towers: railings: pipe | treatment/finish _;; _;;; | source |
| Substructure piers:masonry | _; coursed; | · · · · |
| abutments: wings: <u>masonry</u> intrados/ribs: voussoirs: | _;;;;;;;;;;;;;; | ; ; |
| 17. PHOTO NO's. 06-44(15-21) | <pre>18. PREPARED BY: AGENCY/ORGANIZATION: ;</pre> | Dist 6-0 DATE: 11/8/82 |
| | | |

Survey Number:

Bridge Name and Address:

Owner:

Statement of Significance:

Area of Significance:

Boundary Description:

Acreage of Nominated Property: T-34

Lower Bridge in Upper Frederick Township L.R. 46021 over Swamp Creek Montgomery County

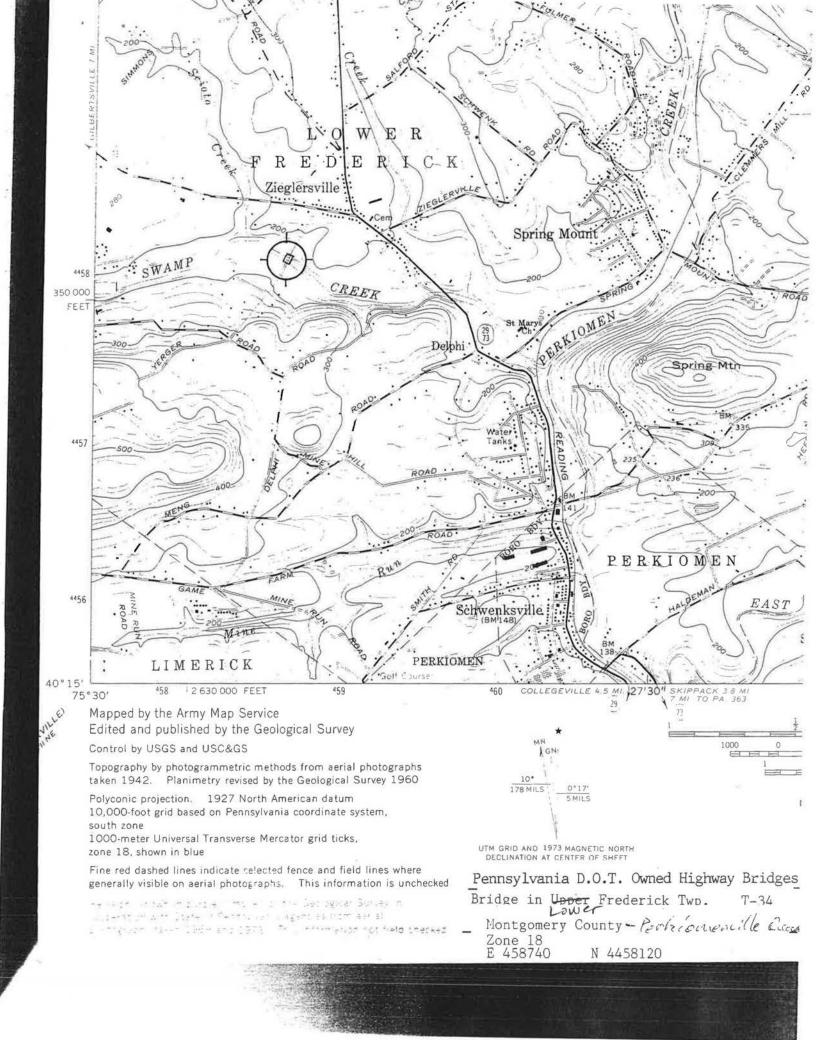
Commonwealth of Pennsylvania Department of Transportation Transportation & Safety Building Harrisburg, Pennsylvania 17120

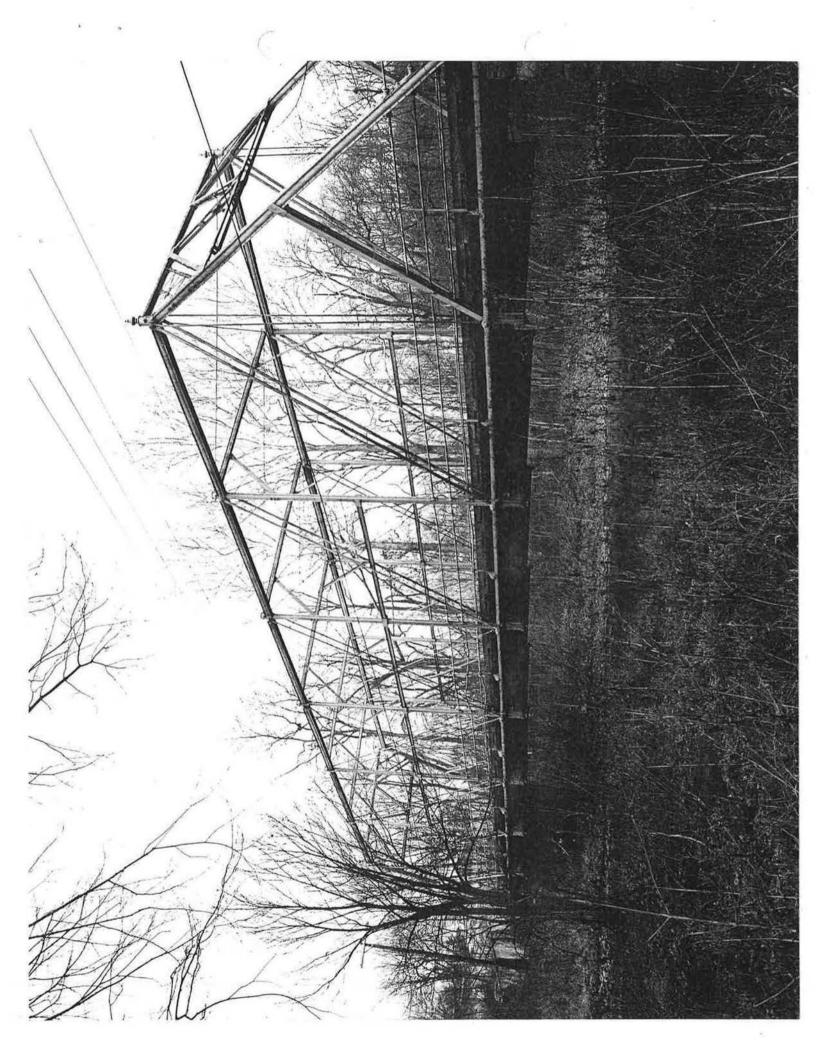
Bridge in Upper Frederick The Township is an example of a Pratt through truss made with Phoenix column compression members. It was built in 1888. Of the fourteen Pratt through trusses included in this nomination, only this one was fabricated with compression members of Phoenix columns. This patented column was a trademark of the nationally prominent Phoenix Bridge Company. This wrought iron column of fabricated flanged, was segmental sections which were riveted together to form a tube. This bridge is one of only four trusses included in this nomination located which in are thesoutheastern portion of Pennsylvania.

Engineering

The nominated property consists of a 135 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.

Less than one acre.





UNITED STATES DEPARTMENT OF THE INTERIOR NATIONAL PARK SERVICE

NATIONAL REGISTER OF HISTORIC PLACES EVALUATION/RETURN SHEET

REQUESTED ACTION: ADDITIONAL DOCUMENTATION

PROPERTY Gerloff Road Bridge Crossing Swamp Creek NAME:

MULTIPLE Highway Bridges Owned by the Commonwealth of Pennsylvania, D NAME: epartment of Transportation TR

STATE & COUNTY: PENNSYLVANIA, Montgomery

DATE RECEIVED: 7/15/16 DATE OF PENDING LIST: DATE OF 16TH DAY: DATE OF 45TH DAY: 8/30/16 DATE OF WEEKLY LIST:

REFERENCE NUMBER: 88000838

NOMINATOR: STATE

REASONS FOR REVIEW:

APPEAL:NDATA PROBLEM:NLANDSCAPE:NLESS THAN 50 YEARS:NOTHER:NPDIL:NPERIOD:NPROGRAM UNAPPROVED:NREQUEST:NSAMPLE:NSLR DRAFT:NNATIONAL:N

COMMENT WAIVER: N

ACCEPT RETURN REJECT DATE

ABSTRACT/SUMMARY COMMENTS:

Additional Documentation Approved

| DA | |
|-----------------------|------------------------|
| RECOM./CRITERIA | DI-L. |
| REVIEWER Colson Beall | DISCIPLINE / fustering |
| TELEPHONE | DATE 8.30.16 |

DOCUMENTATION see attached comments Y/N see attached SLR Y/N

If a nomination is returned to the nominating authority, the nomination is no longer under consideration by the NPS.

National Register of Historic Places Memo to File

Correspondence

The Correspondence consists of communications from (and possibly to) the nominating authority, notes from the staff of the National Register of Historic Places, and/or other material the National Register of Historic Places received associated with the property.

Correspondence may also include information from other sources, drafts of the nomination, letters of support or objection, memorandums, and ephemera which document the efforts to recognize the property.

boundary selection

UNITED STATES DEPARTMENT OF THE INTERIOR NATIONAL PARK SERVICE 88000838

NATIONAL REGISTER OF HISTORIC PLACES EVALUATION/RETURN SHEET

| Bridges Owne Pennsylvania, TR) Montgomery (PENNSYLVA) | er Fredrick Tow d by the Commo Department of County NIA on or local governme | nwealth of Transportatio | | MAY 10 1988 Working No | |
|--|---|--|---------------------------------|---|-----|
| Substantive Review: | ample | request | 🗆 appeal | □ NR decision | |
| Reviewer's comments: | | | | | -1 |
| | 16 | | | Recom./Criteria_ <u>Accept</u> C Reviewer Discipline <u>ACCEPT</u> C Date <u>6/22/88</u> see continuation sheet | 1 |
| Nomination returned fo | | rrections cited bel reasons discussed I | | | |
| 1. Name | | | | | |
| 2. Location | | | | | 2 |
| 3. Classification | | | | | 1 |
| Category | Ownership Public Acquis | ition | Status Accessible | Present Use | |
| 4. Owner of Property | | | | | •12 |
| 5. Location of Legal De | scription | | | | |
| 6. Representation in Ex | isting Surveys | | | | 1 |
| Has this property been o | determined eligible? | 🗆 yes | no | | |
| 7. Description | | | | | |
| Condition cxcellent good fair | deteriorated ruins unexposed | | ack one unaltered altered | Check one original site moved date | |
| Describe the present and | d original (if known) | physical appearance | ce | | |
| summary paragraph completeness clarity alterations/integrity dates | | | | | |

8. Significance

Period Areas of Significance-Check and justify below

Specific dates Builder/Architect Statement of Significance (in one paragraph)

| + 01 RC | | |
|-----------|-------|-------|
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| | | |
| ource | | |
| | | |
| nificance | | |
| | | |
| | | |
| | ource | burce |

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

| national | state | local |
|---|-------|-------|
| the second se | 2 | |

State Historic Preservation Officer signature

| title | date | |
|--|--|--|
| 13. Other | | en e |
| Maps Photographs Other | | |
| Questions concern | ing this nomination may be directed to | |
| Signed | Date | Phone: |

Comments for any item may be continued on an attached sheet

GPO 918-450



May 27, 2016

RECEIVED 2280

JUL 1 5 2016

Nat. Register of Historic Places National Park Service

Stephanie Toothman, Keeper National Register of Historic Places National Park Service, US Department of Interior 1201 "I" (Eye) Street, NW, 8th Floor Washington D.C. 20005

Re: Bridge in Upper Frederick Township, Montgomery County PA; 64000726

Dear Ms Toothman:

It was recently brought to our attention that a bridge listed in the National Register on June 22, 1988, as part of the *Highway Bridges Owned by the Commonwealth of Pennsylvania, Department of Transportation* Thematic Resources effort, was misidentified with the wrong municipality.

The PA SHPO requests that the municipality where this resource is located be changed to "Lower Frederick Township," and that the name of the resource be changed and clarified to "Gerloff Road Bridge Crossing Swamp Creek." As we were investigating this error, we noticed that a second bridge was listed with the identical name; we are requesting that the second bridge's name be clarified as "Fagleysville Road Bridge Crossing Swamp Creek."

We are requesting that the Keeper's Office accept the Additional Documentation enclosed offering these Technical Corrections. Prior documentation for each bridge is included if clarification is necessary. If you have any questions regarding this request or the enclosed documentation, please contact April Frantz at 717-783-9922 or <u>afrantz@pa.gov</u>. Thank you for your consideration of this correction and clarification.

Sincerely,

Sendher Handborald

Andrea L. MacDonald, Director PA SHPO

enc.