Survey Number:

Owner:

Bridge Name and Address:

Statement of Significance:

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

The Bridge in Upper Frederick 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 fabricated of was flanged. which segmental sections were riveted together to form a tube. This bridge is one of only four trusses included in this nomination located are which in thesoutheastern portion of Pennsylvania.

Area of Significance:

Boundary Description:

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.

Acreage of Nominated Property:

Less than one acre.

neer: actor: y: x Bridge Company 8; basis form #488A ; basis ; basis ; basis ar present; same original.	it Name in Upper Frederick Twp. 6. Other name (historic name if any)	Montgomery 2. Municipality U. Frederick Twp
; basis; basis; basis;	. Other	2. Municipality U. Frederick Twj
ar present; original.	9	0
no.	141	•
РНОТО	7. Crossing Gerloff, Road	3. Structure No. [4]6] 2] [0] [9] 9] 2] 1
r	over Swa	0 0 9 4 3
Locale/environment: rural woodlands & farmlands Machinery (describe/identify type/ equipment): N/A 14. DIMENSIONS spans:no.,ft. 0/A main:l no.,135 ft. secondary:no.,ft. approach:no.,ft. piers:no.		4. SURVEY Code 3 3 910 'T-34
	14. DIMENSIONS spans:no.,ft. O/A main:no.,ft. secondary:no.,ft.	PHOTO ff. Road 14. DIMENSIONS spans:no.,ft. 0/A main:no.,ft. 0/A Creek secondary:no.,ft. Ft.

15. TYPE	CHARACTERISTICS		
X Truss: <u>continuous</u> /cantilever:	webbing: none anchor span: cantilever span: suspended span: x thru/deck/low (pony): full-slope/half-hip. connections: pin/riveted. x eyebars: loop welded/die forged. x railing: 1" pipe x columns: Phoenix		
Arch: masonry/metal:	<pre>thru/deck/½-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</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. (see Truss above).		
Vertical Lift:	(see Truss above).		
Other:	other:		
	*		
16. MATERIALS (primary)			
Superstructure type main span: ^{metal}	treatment/finish source		
towers:	;;;;;		
railings: <u>1" pipe</u>	;;;		
Substructure			
piers: <u>masonry</u> abutments:	coursed ;		
wings: masonry	;;;;		
intrados/ribs: voussoirs:			
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	· · · · · · · · · · · · · · · · · · ·		
17. PHOTO NO's.	18. PREPARED BY:		
06-44(15-21)	AGENCY/ORGANIZATION: Dist 6-0		
	; DATE: 11/8/82		

United States Department of the Interior National Park Service

National Register of Historic Places Continuation Sheet

Section number _____ Page __ Multiple Resource Area Thematic Group Highway Bridges Owned by the Commonwealth of Pennsylvania, Department of Transportation TR Name Adams County (and others), PA State Nomination/Type of Review Date/Signature 51. Bridge in Snake Spring Townshiped in the Keeper National Begister Attest 52. Bridge in Solebury Township Inda Keeper Substantive Review Attest 53. Bridge in South Beaver Township Keeper Entered in the National Rogistory Attest 54. Bridge in Tinicum Township Keeper This still in Stor Attest Bridge in Tredyffrin Township Keeper Substantive Review Attest Bridge in Upper Frederick Township 2 Legteraulte Vic Entered in the Keeper 56. National RegisteAttest Bridge in Upper Fredrick Township 57. Keeper Fagleysucce we Substantivo Roview Attest Keeper 58. Bridge in Upper Merion Township National Register Attest Keeper Bridge in Washington Township 59. Entered in the National Register Attest 6/22/88 n Reeper 60. Bridge in West Earl Township Entered in the Yational RegisterAttest



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
4. Photo Date: 5. Photo Credit: 6. Negative Location:	1982 Pennsylvania Department of Transportation Pennsylvania Department of Transportation
7. Photo View:	Oblique view, showing portal and elevation
8. Photo Number:	Т-34



photographs taken 1969 and 1973. This information not field checked 🛛 🚄



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.

Fagleysville 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, Lehigh County, Weidasville vicinity, <u>Frantz's Bridge (Highway Bridges Owned by the</u> <u>Commonwealth of Pennsylvania, Department of Transportation TR</u>), LR 39060 over Jordan Creek (06/22/88)

1 Stant

late as Al

129 - 121

- PENNSYLVANIA, <u>Luzerne County</u>, Kingston and Wilkes Barre, <u>Market Street Bridge (Highway Bridges</u> <u>Owned by the Commonwealth of Pennsylvania, Department of Transportation TR)</u>, Market St./LR 11 over Susquehanna River (06/22/88)
- PENNSYLVANIA, <u>Luzerne County</u>, Wilkes-Barre, <u>Bridge in City of Wilkes-Barre (Highway Bridges</u> Owned by the Commonwealth of Pennsylvania, Department of Transportation TR), LR 5 over Mill Creek (06/22/88)
- PENNSYLVANIA, Lycoming County, Bodines vicinity, Bridge in Lewis Township (Highway Bridges Owned by the Commonwealth of Pennsylvania, Department of Transportation TR), LR 41051 over Lycoming Creek (06/22/88)
- PENNSYLVANIA, Lycoming County, Hillborn, Bridge in Brown Township (Highway Bridges Owned by the Commonwealth of Pennsylvania, Department of Transportation TR), LR 41022 over Pine Creek (06/22/88)
- PENNSYLVANIA, Lycoming County, Jersey Shore vicinity, Bridge in Porter Township (Highway Bridges Owned by the Commonwealth of Pennsylvania, Department of Transportation TR), LR 41017 (06/22/88)
- PENNSYLVANIA, Lycoming County, Proctor, Bridge in Plunkett's Creek Township (Highway Bridges Owned by the Commonwealth of Pennsylvania; Department of Transportation TR), LR 41053 over Plunkett's Creek (06/22/88)
- PENNSYLVANIA, <u>Mercer County</u>, Carlton vicinity, <u>Bridge in French Creek Township (Highway Bridges</u> Owned by the Commonwealth of Pennsylvania, Department of Transportation TR), LR 43074 over French Creek (06/22/88)
- PENNSYLVANIA, Mercer County, Greenville vicinity, Quaker Bridge (Highway Bridges Owned by the Commonwealth of Pennsylvania, Department of Transportation TR), LR 43135 over Little Shenango River (06/22/88)
- PENNSYLVANIA, Montgomery County, Collegeville vicinity, Perkiomen Bridge (Highway Bridges Owned by the Commonwealth of Pennsylvania, Department of Transportation TR), Ridge Pike over Perkiomen Creek (06/22/88)
- PENNSYLVANIA, Montgomery County, Elvoy vicinity, Bridge in Franconia Township (Highway Bridges Owned by the Commonwealth of Pennsylvania, Department of Transportation TR), Allentown Rd. over Skippack Creek (06/22/88)
- PENNSYLVANIA, Montgomery County, Fagleysville vicinity, Bridge in Upper Fredrick Township (Highway Bridges Owned by the Commonwealth of Pennsylvania, Department of Transportation TR), Fagleysville Rd. over Swamp Creek (06/22/88)
- PENNSYLVANIA, Montgomery County, Ft. Washington vicinity, Horsham-Montgomery Bridge (Highway Bridges Owned by the Commonwealth of Pennsylvania, Department of Transportation TR), Lower State Rd. over Little Neshaminy Creek (06/22/88)
- PENNSYLVANIA, Montgomery County, Gulph Mills, Bridge in Upper Merion Township (Highway Bridges Owned by the Commonwealth of Pennsylvania, Department of Transportation TR), S. Gulph Rd. over Gulph Creek (06/22/88)
- PENNSYLVANIA, Montgomery County, Lower Moreland vicinity, Bryn Athyn-Lower Moreland Bridge (Highway Bridges Owned by the Commonwealth of Pennsylvania, Department of Transportation TR), Byberry Rd. over branch of Pennypack Creek (06/22/88)
- PENNSYLVANIA, Montgomery County, Milford vicinity, Sutch Road Bridge in Marlborough Township (Highway Bridges Owned by the Commonwealth of Pennsylvania, Department of Transportation TR), Sutch Rd. over Unami Creek (06/22/88)
- PENNSYLVANIA, Montgomery County, Prospectville vicinity, County Bridge No. 54 (Highway Bridges Owned by the Commonwealth of Pennsylvania, Department of Transportation TR), Morris Rd. over branch of Wissahickon Creek (06/22/88)



· · · ·						
PENNSYLVANIA HISTORIC RESOUR Bureau for Historic Preservation PA Historical & Museum Commission	CE SURVEY FORM Box 1026 Harrisburg, PA 17120	9. HISTORICAL DAT	Ϋ́Α	Township	5, Present Bridge	1. County
8. USGS QUAD. Sassamanvi	ille Designer/Eng	ineer: Unknown		qŗı	t Name	
UTM's: Zone 18 E					Upper	Montgomery
	Builder/Cont	Unknown			1 33	mer
E 4 5 3 7 5 0 N 4 4 5 9 4 5 0	Bridge Compa	ny: Unknown			Fredrick	У
10. SITE PLAN	Date(s): <u>185</u> Plaque or	54 (?); basis			х	
		j bridge ; basis			6. Other name (n/a	2. Munici U
Forgleys VIIIe II II		; basis			$\frac{n}{n} = \frac{h}{a}$. Municipality U. Frede
Food Swamp		; basis			(historic name if any)	erick
	Use: Veh.	present;	Veh. orig	inal.	f any)	Twp.
11. INTEGRITY	12. VIEW		no.			
x altered; unknown				ł		
unaltered;			5	2000	7. Cro	3. Stru [4]
moved;					Crossing	cture 6
Explain: South parapet, wingwalls and pier reconstructed				raktersatti	Facl	10. 12][0]
		РНОТО			DUCU	0 0 0
					411	101
13. COMMENTS Unusual features:				KO	U	
Unusual features.				1	- 1	0 10
900				×	9	11 2
						-
Locale/environment:		14. DIMENSIONS		125'	Swamp	13 [4]
Rural woodlands with several h	ouses nearby	spans: 3_n	o., <u>60</u> ft.			.4
			o., <u>20</u> ft.	EA	Crook	. Survey Code 811
Machinery (describe/iden	tify type/		o.,ft. o., ft.			/ Code
equipment):			o.,ft. o.			
			o.,ft.			S-46
					ľ	

· · · · · · · · · · · · · · · · · · ·	
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. x 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:	<pre>single/double leaf. rolling lift: Schertzer. trunnion: simple (Chicago) /multiple (Strauss). counterweights: heel/overhead. Page/Rall. semi-lift/direct lift.</pre>
Swing:	bearing: center/rim/combination. (see Truss above).
Uertical Lift:	<pre>(see Truss above).</pre> Output other:
16. MATERIALS (primary)	
Superstructure type	treatment/finish source
main span: <u>Masonry</u> towers: railings:	_;Random; _;;;
Substructure piers: <u>Masonry</u> abutments:	;;;;;
wings: <u>Masonry</u> intrados/ribs: " voussoirs: "	Random ;;

17. PHOTO NO's. 06-43 (1-4)

18. PREPARED BY: AGENCY/ORGANIZATION: Dist. 6-0

TION: Dist. 6-0 ; DATE: 11-8-82 Survey Number: Bridge Name and Address:

Owner:

Statement of Significance:

Area of Significance:

Boundary Description:

S-46

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

The bridge 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 bridge the 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 continuing tradition in s the stone masonry bridge construction in Pennsylvania. Construction dates for these bridges range from 1789 to 1910.

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.



UNITED STATES DEPARTMENT OF THE INTERIOR NATIONAL PARK SERVICE

NATIONAL REGISTER OF HISTORIC PLACES EVALUATION/RETURN SHEET

REQUESTED ACTION: ADDITIONAL DOCUMENTATION

PROPERTY Fagleysville 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: 88000864

NOMINATOR: STATE

REASONS FOR REVIEW:

APPEAL:NDATAPROBLEM:NLANDSCAPE:NLESSTHAN 50 YEARS:NOTHER:NPDIL:NPERIOD:NPROGRAM UNAPPROVED:NREQUEST:NSAMPLE:NSLRDRAFT:NNATIONAL:NCOMMENT WAIVER:NREJECTDATE

ABSTRACT/SUMMARY COMMENTS:

Additional Documentation Approved

mA	
RECOM. / CRITERIA	n/ - 1-
REVIEWER Com Bhall	DISCIPLINE History
TELEPHONE	DATE 6:30-6

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 88000864

NATIONAL REGISTER OF HISTORIC PLACES EVALUATION/RETURN SHEET

Bridges Owned	er Frederick To d by the Commo Department of	onwealth of		Working No	
Montgomery C				Fed. Reg. Date: _ Date Due:	19/88 - 6 1. 1/4
PENNSYLVAN	IIA			Action:	
 resubmission nomination by perso owner objection appeal 	on or local governme	ent	Entered in National Re	theF	ETURN
Substantive Review:	🗌 sample	🗆 request	🗌 appeal	🗆 NR de	cision
Reviewer's comments:					
				Reviewer Discipline	
				Date see contin	uation sheet
Nomination returned for		orrections cited be reasons discussed			
1. Name					
2. Location					
3. Classification					
Category	Ownership Public Acqui	sition	Status Accessible	Present	Jse
4. Owner of Property					
5. Location of Legal De	scription				
6. Representation in Ex	isting Surveys		×		
Has this property been d	etermined eligible?	🗆 yes	🗌 no		
7. Description					
Condition excellent good fair	 deteriorated ruins unexposed 		neck one unaltered altered	Check or crigi mov	nal site
Describe the present and	original (if known)	physical appearar	nce		
 summary paragraph completeness clarity alterations/integrity dates 					

N

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 Histor	c Preservation Officer	Certification
------------------	------------------------	---------------

The evaluated signific	cance of this prop	erty within the state is:
------------------------	--------------------	---------------------------

national	state	local

State Historic	Preservation	Officer	signature
----------------	--------------	---------	-----------

title	date	
13. Other		

orner

Maps
 Photographs
 Other

Questions concerning this nomination may be directed to ____

Signed	Date	Phone:

Comments for any item may be continued on an attached sheet

GPO 918-450



Pennsylvania State Historic Preservation Office

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,

andres Handborold

Andrea L. MacDonald, Director PA SHPO

enc.