

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

9. HISTORICAL DATA

8. USGS QUAD. Fannettsburg

UTM's: Zone 18

E

2	6	3	3	0	0
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N

4	4	4	4	5	9	0
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E

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N

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Designer/Engineer:

Builder/Contractor:

Nelson Construction Co., Chambersburg, Pa.

Bridge Company:

Unknown

Date(s): 1907 ; basis Ozalide

1907 ; basis Bridge plaque *

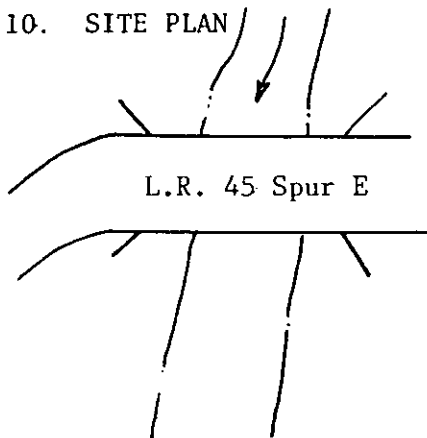
J. E. Royer, D. H. Tritue, P.H. Holler

County Commissioners - R. O. Prather-Clerk
 basis G. A. Kyner - Atty.

_____ ; basis

Use: Vehicular present; Vehicular original.

10. SITE PLAN



12. VIEW

no.

PHOTO

11. INTEGRITY

_____ altered; _____

unaltered; _____

_____ moved; _____

Explain:

13. COMMENTS

Unusual features:

Narrow

Locale/environment:

Rural; farming and Pa. Turnpike

Machinery (describe/identify type/
 equipment):

N/A

14. DIMENSIONS

spans: 3 no., 105 ft. 0/A

main: 1 no., 45 ft.

secondary: 2 no., 25 ft.

approach: _____ no., _____ ft.

piers: 2 no.

towers: _____ no., _____ ft.

1. County Franklin
 5. Present Name Bridge in Metal Township

2. Municipality Metal Twp.
 6. Other name (historic name if any) N/A

3. Structure No. 281099451100839
 7. Crossing L.R. 45 Spur E over W. Br. Conococheague Creek

4. Survey Code C-16

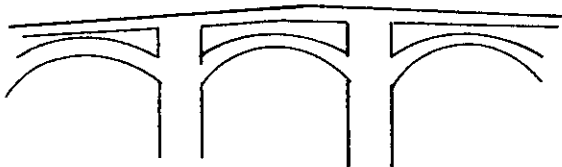
15. TYPE

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: Concrete
- 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:	<u>Concrete</u>	<u>Smooth</u>	_____
towers:	_____	_____	_____
railings:	<u>Concrete</u>	<u>Smooth</u>	_____
Substructure			
piers:	<u>Concrete</u>	<u>Smooth</u>	_____
abutments:	<u>Concrete</u>	<u>Smooth</u>	_____
wings:	<u>Concrete</u>	<u>Smooth</u>	_____
intrados/ribs:	<u>Concrete</u>	<u>Smooth</u>	_____
voussoirs:	<u>Concrete</u>	<u>Smooth</u>	_____

17. PHOTO NO's.

08 - 03 (9-14)

18. PREPARED BY: Michael Connolly
 AGENCY/ORGANIZATION: PennDOT
 ; DATE: 08-82

Survey Number: C-16

Bridge Name and Address: Bridge in Metal Township
L.R. 45 over Conococheague Creek
Franklin County

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

Statement of Significance: The bridge in Metal Township is a representative example of an early twentieth century concrete arch bridge. This multiple-span bridge was built in 1907 and is the earliest typical multiple-span concrete bridge in this nomination. The three segmental arches of this bridge measure 45 feet and 25 feet. The gentle camelback-shaped arch bridge is capped by solid, continuous concrete parapet walls. This bridge is also unusual as one of only a few concrete bridges nominated in south central Pennsylvania.

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 superstructure and substructure.

Acreage of Nominated Property: Less than one acre.

FANNETTSPENNSYLVANIA
7.5 MINUTE SERIES (TOPOGRAPHIC)

SE/4 ORBISONIA 15' QUADRANGLE

HARRISBURG 50 MI
9 MI. TO INTERCHANGE 15

5460 11 NW
(DOYLESBURG)

47°30"

1 990 000 FEET

SPRING RUN 1 MI.

264

77°45'

40°07'30"



ROXBURY 6 MI

280 000
FEET

4442

4441

5'

4440

E
branch

ATTIANTA

WIMBOWS

CONOCOCHEAQUE

WAGON MOUNTAIN

LAUREL VALLEY

DOOTHEN

THE NARROWS

GAULT BRIDGE NO 76

Run

Franklin Co
LR. 45 Spur E
Metal Twp.
Fannettsburg Twp.