

PENNSYLVANIA HISTORIC RESOURCE SURVEY FORM
 Bureau for Historic Preservation
 PA Historical & Museum Commission

Box 1026
 Harrisburg, PA 17120

9. HISTORICAL DATA

8. USGS QUAD. California

UTM's: Zone 17
 E | 5 | 9 | 4 | 6 | 8 | 0 |
 N | 4 | 4 | 3 | 0 | 6 | 0 | 0 |
 E | | | | | | | |
 N | | | | | | | |

Designer/Engineer:

G. Porter, Hermann & Armstrong

Builder/Contractor:

Ft. Pitt Bridge Works

Bridge Company:

Ft. Pitt Bridge Works

Date(s): 1913; basis built

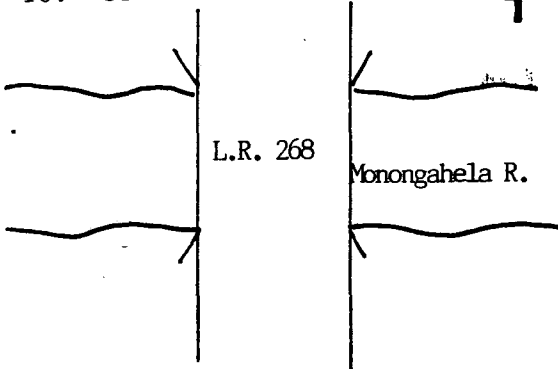
1914; basis bridge plaque

1948; basis resurfacing

1966; basis repairs

Use: vehicular present; vehicular original.

10. SITE PLAN



12. VIEW

no.

11. INTEGRITY

altered; 1966
 unaltered;
 moved;

Explain:

See item #9.

PHOTO

13. COMMENTS

Unusual features:

Unusual features: Bridge is very rusty.

Locale/environment:

Residential rural, undeveloped area.

Machinery (describe/identify type/equipment):

N/A

14. DIMENSIONS

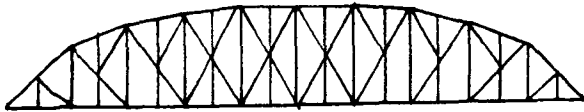
spans: 1 no., 519.17 ft. O/A
 main: no., ft.
 secondary: no., ft.
 approach: no., ft.
 piers: no.
 towers: no., ft.

1. County Fayette + Washington	2. Municipality West Brownsville + Brownsville	3. Structure No. [2][6][] [1][] [0][] [0][2][6][8][] [1][] [0][0][0][8][2][9]	4. Survey Code 12-310 T-21
5. Present Name Brownsville Bridge	6. Other name (historic name if any) N/A	7. Crossing L.R. 268	over Monongahela River

15. TYPE

CHARACTERISTICS

Truss: continuous/cantilever:



Arch: masonry/metal:

Brownsville Bridge. Fay & Wash. Co.
Commissioners - I.S. Langley, E.H.
McClelland, C.H. Nutt, T. Hill, I.A.
Berry, R. Munce, A.P. Barnum, Control
lers - H. Kisinger, I Moffitt, T. J.
Underwood, Engineer - G. Porter,

Suspension:

H. Laub, Chaney & Armstrong
Contractors - (Crossan Constr.Co.,
sub. str) and (Fort Pitt Br. Works,
Super Str

Bascule:

Swing:

Vertical Lift:

Other:

- webbing: lacing 10 panels
- anchor span: _____
- cantilever span: _____
- suspended span: _____
- thru/deck/low (pony): full-slope/half-hip.
- connections: pin/riveted.
- eyebars: loop welded/die forged.
- railing: channels "steel"
- columns: channels, lacing bars

- 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: _____

16. MATERIALS (primary)

Superstructure	type	treatment/finish	source
main span:	<u>steel</u>	_____	<u>Jones & Laughlin</u>
towers:	<u>steel</u>	_____	_____
railings:	_____	_____	_____
Substructure			
piers:	<u>stone & conc.</u>	_____	_____
abutments:	<u>stone</u>	_____	_____
wings:	_____	_____	_____
intrados/ribs:	_____	_____	_____
voussoirs:	_____	_____	_____

17. PHOTO NO's.

12-1 (31-35) Proof Sheet
FAY 1A

18. PREPARED BY:

AGENCY/ORGANIZATION: D. Piccolomini & M. Franci
PA DOT ; DATE: 7/82

Survey Number: T-21

Bridge Name and Address: Brownsville Bridge
L.R. 268 over Monongahela River
Fayette County & Washington County

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

Statement of Significance: The Brownsville Bridge is an unusually long example of a Pennsylvania (Petit) truss bridge. Spanning 519 feet, this pin-connected through truss is a heavily engineered structure made of channels, lacing bars, plates and eyebars. A bridge plate documents the date of construction to 1914 by Fort Pitt Bridge Works. One of eight representative examples of the Pennsylvania (Petit) truss included in this nomination, the Brownsville Bridge span is significantly longer than all the others of that type.

Area of Significance: Engineering.

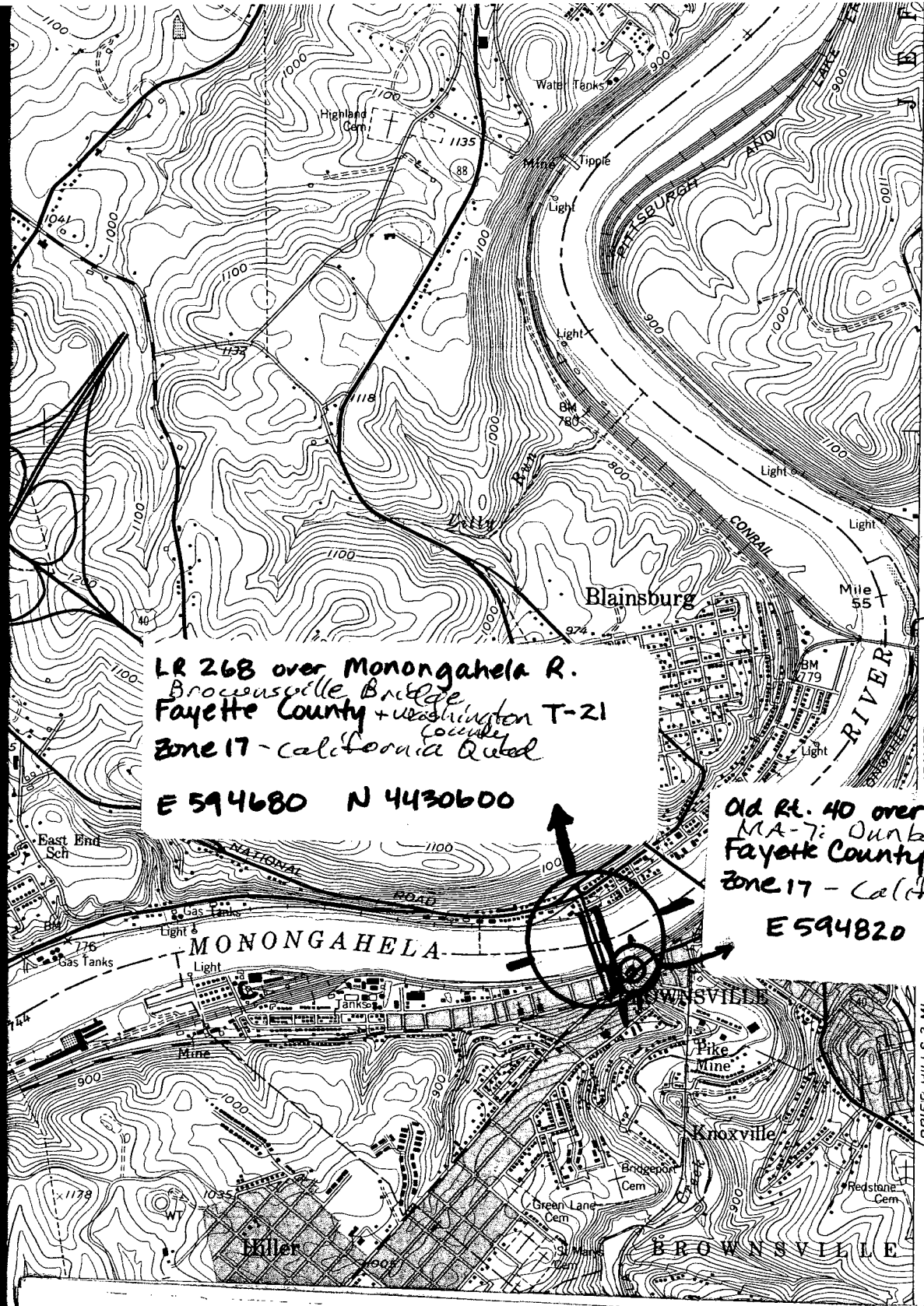
Boundary Description: The nominated property consists of a 700 feet long by 25 feet wide rectangle whose vertices coincide with the outside corners of the bridge's abutments, and includes only bridge superstructure and substructure.

Acreage of Nominated Property: Less than one acre.

Pennsylvania D.O.T. Owned Highway Bridges
Brownsville Bridge
T-21

LR 268 over Monongahela R.
Brownsville Bridge
Fayette County + Washington T-21
Zone 17 - Calicoona Quad
E 594680 N 4430600

Old Rt. 40 over Dunlap's Creek
MA-7: Dunlap's Creek Bridge
Fayette County
Zone 17 - Calicoona Quad
E 594820 N 4430470



BRIER HILLS 3 MI.
UNIONTOWN 11 MI.

CONTOUR INTERVAL 20 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
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 ON REQUEST

UTM GRID AND 1979 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

1 KILOMETER