

9. HISTORICAL DATA

8. USGS QUAD. Portland, PA

UTM's: Zone 18

E	4	9	2	1	2	0
N	4	5	2	9	5	0
E						
N						

Designer/Engineer:
 Francisco, L. A.

Builder/Contractor:
 Pasco Construction Co.

Bridge Company:
 Unknown

Date(s): 1907 ; basis
 PennDOT Records

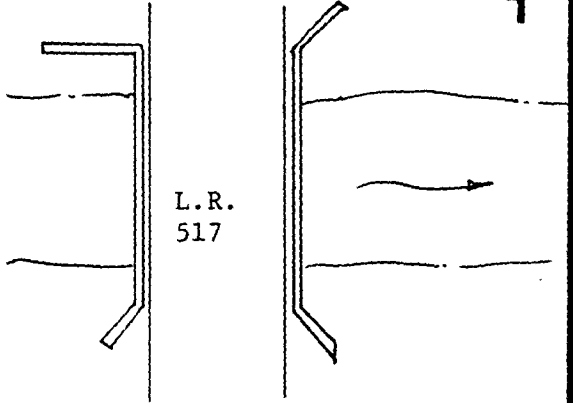
1907 ; basis
 Bridge Plaque

_____ ; basis

_____ ; basis

Use: Vehicular present; Vehicular original.

10. SITE PLAN



11. INTEGRITY

___ altered; _____
 unaltered; _____
 ___ moved; _____

Explain:

12. VIEW SEE NO. 15 no.

PHOTO

13. COMMENTS

Unusual features:

First reinforced concrete bridge in Northampton County

Locale/environment:

Boro of Portland - Small downtown area

Machinery (describe/identify type/equipment):

N/A

14. DIMENSIONS

spans: ___ no., 48 ft. O/A
 main: 1 no., 28 ft.
 secondary: ___ no., ___ ft.
 approach: ___ no., ___ ft.
 piers: ___ no.
 towers: ___ no., ___ ft.

1. County NORTHAMPTON
 2. Municipality Boro of Portland
 3. Structure No. 48110105117101019186151
 4. Survey Code 05-819 G-25
 5. Present Name County Bridge #36
 6. Other name (historical name if any) N/A
 7. Crossing T. R. 611 over Jacoby Creek

15. TYPE

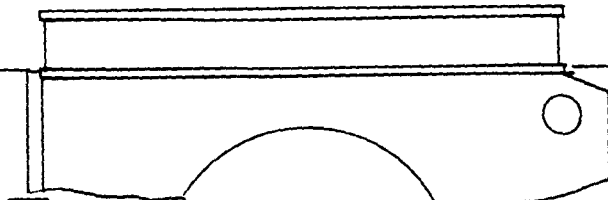
CHARACTERISTICS

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, Scored
- 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 None



~~Suspension~~ PLAQUE 1907

- stiffening: braced-chain (1/2/3-hinged) /suspended truss.
- wire cable: twisted/parallel.
- eyebar chain.
- back-stay: straight/curved.

County Bridge NO. 36

First Reinforced Concrete Bridge in Northampton County

~~Bascule~~ COMMISSIONERS
 George Raesly L. A. Francisco-Engr
 Sylvester Garr P.S. Weiss-Clerk
 Wilson E. Beck David Babb-Solicitor
 Pasco Const. Co. - Contractor

- 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:	Concrete	Smooth	_____
towers:	_____	_____	_____
railings:	Concrete	Scored	_____
Substructure			
piers:	_____	_____	_____
abutments:	_____	_____	_____
wings:	Concrete	Smooth	_____
intrados/ribs:	Concrete	Smooth	_____
voussiors:	Concrete	Scored	_____

17. PHOTO NO's.

05-21 (12-16)

18. PREPARED BY: R.J. Baranmsky
 AGENCY/ORGANIZATION: PennDOT
 ; DATE: 8/13/82

USE THIS COPY
FOR DOCUMENTATING

Survey Number: C-25

Bridge Name and Address: County Bridge #36
L.R. 517 over Jacoby Creek
Northampton County

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

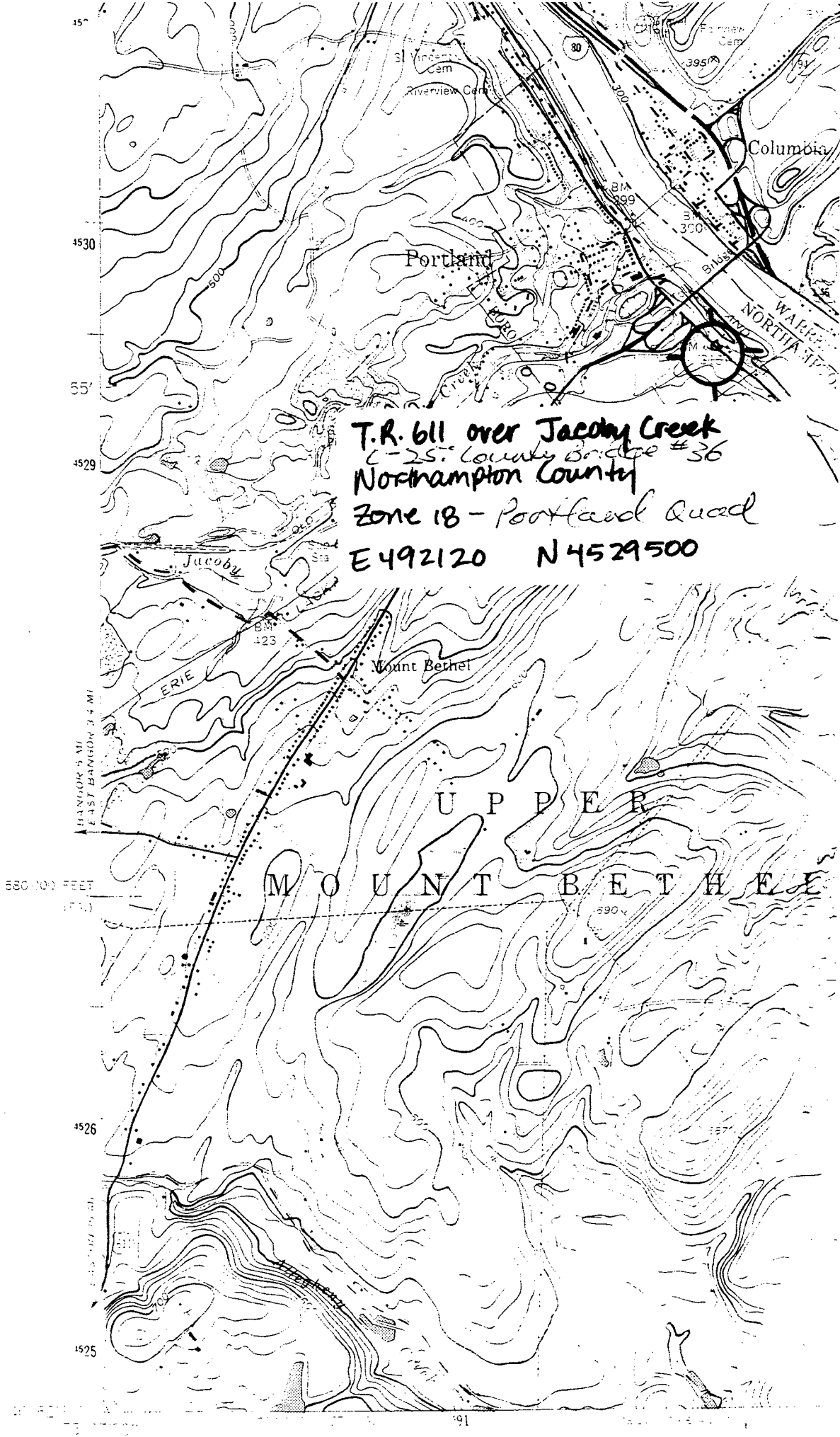
Statement of Significance: Northampton County Bridge #36 is a representative example of an early twentieth century concrete arch bridge. Built in 1907, the arch span of this bridge is quite small, measuring 28 feet. Unusual features include incised keystone and spandrel wall lines and a molded belt course and parapet coping. The continuous concrete parapet is simply ornamented with incised lines. The ornamentation and short arch span is a direct expression of earlier stone bridge construction, while the construction material points to a progressive bridge type. As an early concrete bridge that exhibits 19th century traditions of bridge building, this structure warrants listing on the National Register.

Area of Significance: Engineering

Boundary Description: The nominated property consists of a 42 feet long by 40 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 D.O.T. Owned Highway Bridges
County Bridge #36
C-25



T.R. 611 over Jacoby Creek
C-25: County Bridge #36
Northampton County
Zone 18 - Portland Quad
E492120 N4529500