

9. HISTORICAL DATA

8. USGS QUAD. Bangor, PA

UTM's: Zone 18

E 4 8 2 5 0 0

N 4 5 2 4 0 6 0

E

N

Designer/Engineer:

Dilliard, Herbert C.

Builder/Contractor:

Stem, Jacob

Bridge Company:

Unknown

Date(s): 1915 ; basis

PennDOT Records

1915 ; basis

Plaque on Bridge

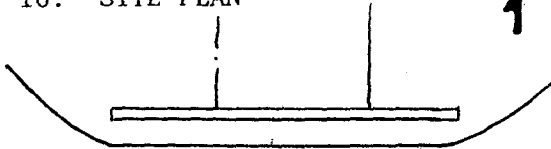
; basis

; basis

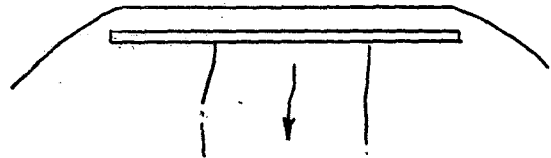
Use: Vehicular present; Vehicular original.

10. SITE PLAN

1



L.R. 240



11. INTEGRITY

altered; _____

unaltered; _____

moved; _____

Explain:

12. VIEW

no.

PHOTO

13. COMMENTS

Unusual features:

Ornate Railing,
 ornate Voussiors and
 spandrel designs

Locale/environment:

Boro of Bangor

Machinery (describe/identify type/
 equipment):

14. DIMENSIONS

spans: no., 50 ft. O/A

main: 1 no., 45 ft.

secondary: no., ft.

approach: no., ft.

piers: no.

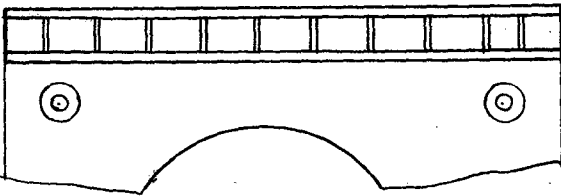
towers: no., ft.

1. County: NORTHAMPTON
 2. Municipality: Boro of Bangor
 3. Structure No.: 4821001018191410101281713
 4. Survey Code: 05-119 C-26
 5. Present Name: Bridge in Bangor Borough
 6. Other name (historic name if any): N/A
 7. Crossing: Pennsylvania Street over Martins Creek

15. TYPE

Truss: continuous/cantilever:

Arch: masonry/metal: Concrete



Suspension ~~xxx~~ PLAQUE

Built 1915
County Bridge No. 48

COMMISSIONERS

Bascule ~~xxx~~ William Casey,
Milton Weller, Charles Bercaw
Herbert C. Dilliard - Engineer
Jacob Stem - Contractor

Swing:

Vertical Lift:

Other:

CHARACTERISTICS

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 - Ornate Balustrades
 columns: _____

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 70°

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

17. PHOTO NO's.
05-21 (36-37)
05-22 (0-3)

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

Survey Number: C-26

Bridge Name and Address: Bridge in Bangor Borough
L.R. 48089 over Martins Creek
Northampton County

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

Statement of Significance: The bridge in Bangor Borough is a very fine example of a highly embellished concrete arch bridge. Built in 1915, this small single arch spans 45 feet. Ornamental features include molded designs on the spandrel walls and abutments, and a balustraded parapet. Proprietary designs during this era of concrete bridge construction included a category for "park bridges". These were located in areas where they would be enjoyed from both deck and elevation views; they were usually heavily ornamented. The bridge in Bangor Borough, although not known to be a proprietary type, is an intact example of a "park bridge".

Area of Significance: Engineering

Boundary Description: The nominated property consists of a 50 feet long by 43 feet wide rectangle whose vertices coincide with the outside corners of the bridge's wing wall, and includes only bridge superstructure and substructure.

Acreage of Nominated Property: Less than one acre.

Pennsylvania St. over Martins
Creek
Northampton County
Zone 18 - Bangor Quad
E482500 N4524060

