

9. HISTORICAL DATA

8. USGS QUAD. Frankford, PA.

UTM's: Zone 18

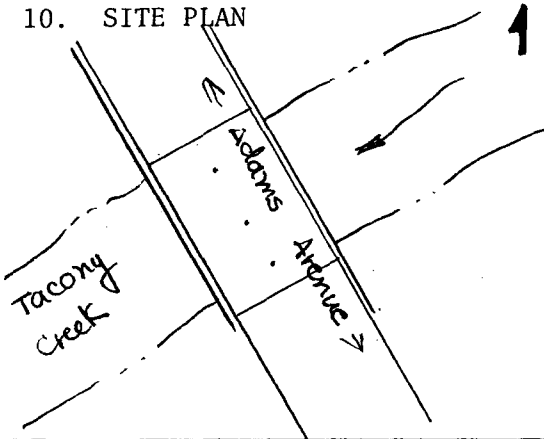
E	4	9	0	3	4	0
N	4	4	3	2	2	1
E						
N						

Designer/Engineer: Unknown

Builder/Contractor: Unknown

Bridge Company: Unknown

10. SITE PLAN



Date(s): 1901; basis PennDOT File

_____ ; basis _____

_____ ; basis _____

_____ ; basis _____

Use: present; original.

11. INTEGRITY

altered; _____

unaltered; _____

moved; _____

Explain:

Masonry Repaired

12. VIEW

no.

PHOTO

13. COMMENTS

Unusual features:

Upright stones on parapet caps

Locale/environment:

Urban in Parklands

Machinery (describe/identify type/equipment):

14. DIMENSIONS

spans: no., 100 ft. O/A

main: 3 no., 25 ft. EA

secondary: no., _____ ft.

approach: no., _____ ft.

piers: no.

towers: no., _____ ft.

1. County Philadelphia	2. Municipality Philadelphia	3. Structure No. 6172101049102192411	4. Survey Code 811 S-55
5. Present Name Adams Avenue Bridge in Philadelphia	6. Other name (historic name if any) n/a	7. Crossing Adams Avenue over Tacony 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: _____
 columns: _____

Arch: masonry/metal:

thru/~~deck~~/ $\frac{1}{2}$ -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/Rail.
 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:	Masonry	Coursed	_____
towers:	_____	_____	_____
railings:	Parapet Walls	with Spiked Tops	_____
Substructure			
piers:	Masonry	Coursed	_____
abutments:	"	"	_____
wings:	"	"	_____
intrados/ribs:	"	Gunite	_____
voussoirs:	"	_____	_____

17. PHOTO NO's.

06-26 (23-28)

18. PREPARED BY:

AGENCY/ORGANIZATION: _____ Dist. 6-0
 ; DATE: 1-3-83

Survey Number: S-55

Bridge Name and Address: Adams Avenue Bridge in Philadelphia
L.R. 67049 over Tacony Creek
Philadelphia County

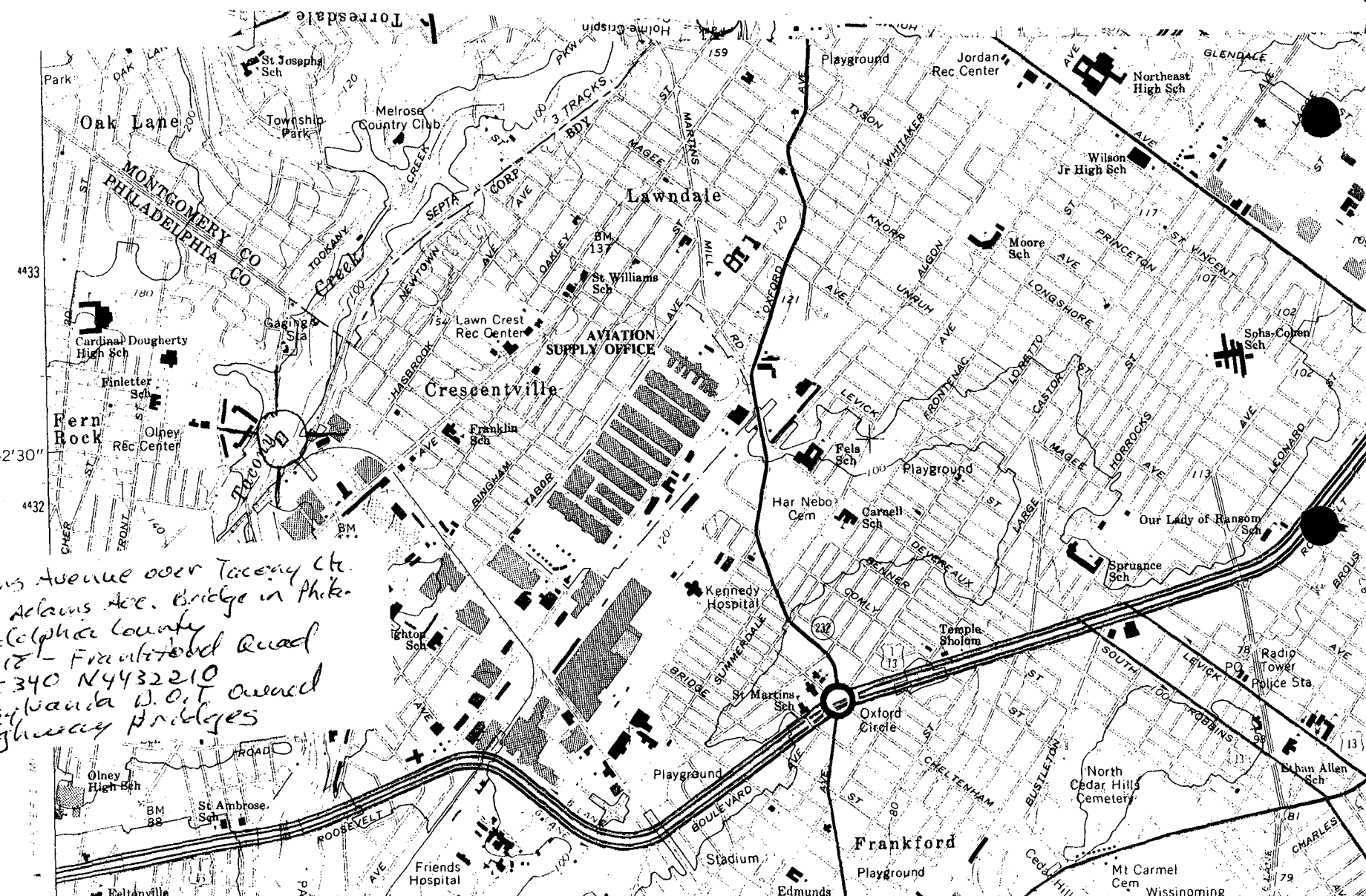
Owner: Commonwealth of Pennsylvania
Department of Transportation
Transportation & Safety Building
Harrisburg, Pennsylvania 17120

Statement of Significance: The Adams Avenue Bridge in Philadelphia is an unusual multiple span stone arch bridge. Built in the early twentieth century, this three span arch bridge is a stylistic composite, featuring several variations commonly found individually on other Pennsylvania bridges in this nomination. The arched section of this bridge is recessed, similar to some late nineteenth century bridges in Montgomery County; piers are pyramidal in shape; the parapet wall is constructed of much smaller stones than the spandrel walls; and the parapets are capped with a course of unfinished, projecting stones more often found on 19th century bridges. This stylistic combination is unique among the nominated bridges.

Area of Significance: Engineering.

Boundary Description: The nominated property consists of a 100 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.



*Arrows Avenue over Tacony Ck.
 S-55; Adams Ave. Bridge in photo.
 Philadelphia County
 Zone 18 - Front Street Road
 E496340 N4432210
 Pennsylvania W.O.T. owned
 Highway Bridges*