

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

9. HISTORICAL DATA
 (None on bridge)

8. USGS QUAD. Klingerstown

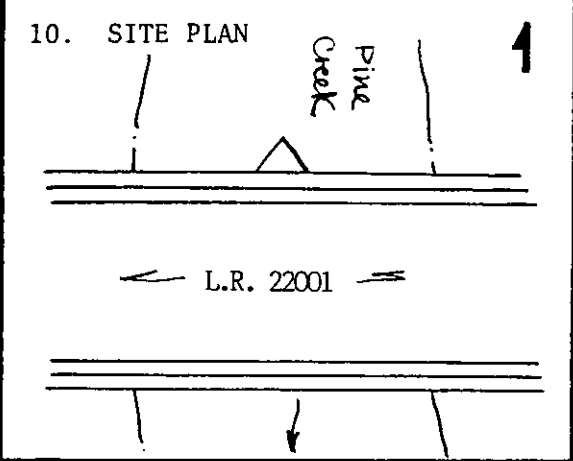
UTM's: Zone 18

E	3	5	6	8	6	0
N	4	5	0	0	3	9
E						
N						

Designer/Engineer:
 Unknown

Builder/Contractor:
 Unknown

Bridge Company:
 Unknown



Date(s): Unknown ; basis _____

_____ ; basis _____

_____ ; basis _____

_____ ; basis _____

Use: Vehicular present; Vehicular original.

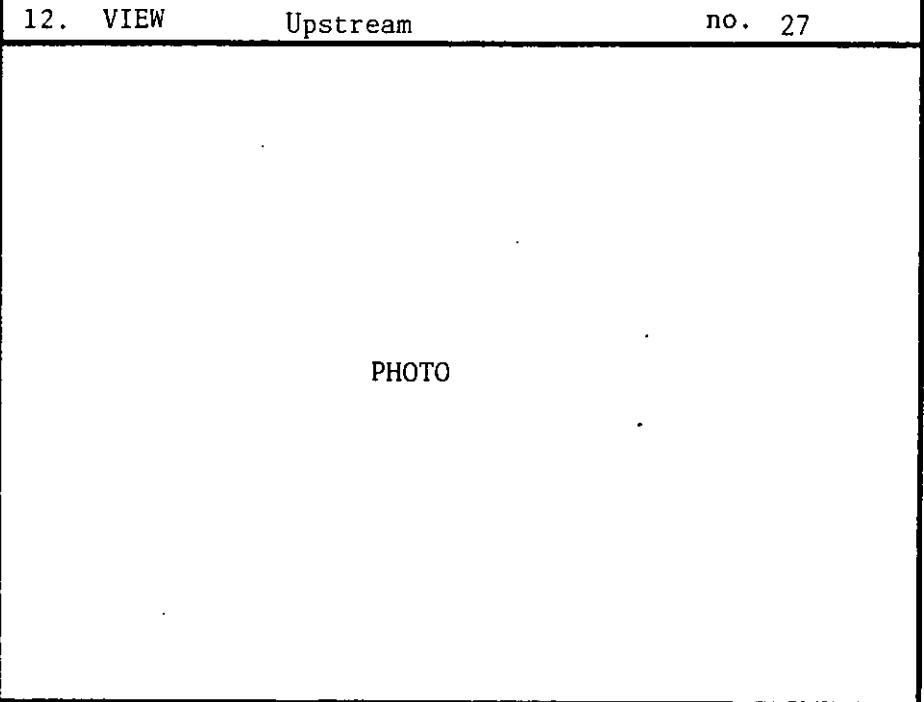
11. INTEGRITY

x altered; _____

_____ unaltered; _____

_____ moved; _____

Explain: Concrete pier upstream between large arches; about 2' concrete at base of intrados; concrete parapet adjacent to stone parapet.



13. COMMENTS

Unusual features:
 2 large arches with 1 smaller arch to the W; parapet wall (W) missing; replaced with concrete; appears smaller arch added later.

Locale/environment: Rural (wooded + residential); good setting from creek; roadway view not as impressive.

Machinery (describe/identify type/equipment):

14. DIMENSIONS

spans: 3 no., 127 ft. O/A

main: 1 no., 34 ft.

secondary: 1 no., 33 ft.

approach: 1 no., 5 ft.

piers: 2 no.

towers: _____ no., _____ ft.

1. County Dauphin	2. Municipality Lykens Twp.	3. Structure No. 2 2 2 0 1 0 1 1 1 0 1 8 5 2 8 8	4. Survey Code S-24
5. Present Name Bridge in Lykens Township	6. Other name (historic name if any) n/a	7. Crossing L.R. 22001 over	

15. TYPE

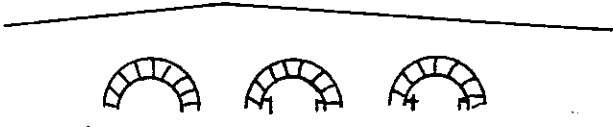
CHARACTERISTICS

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: stone parapet with concrete cap+ concrete
- ~~rock~~ ~~xxxx~~ parapet _____

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:	Stone	Coarse; irregular (large arches)	uncoarsed; regular.
towers:			(small arch)
railings:	Stone/Conc	reinforced on roadside	
Substructure		w concrete (smooth) parapet	
piers:	stone/concrete	reinforced upstream	
abutments:	stone	coarse	
wings:	stone	coarse	
intrados/ribs:	stone/concrete	coarse/smooth; 2' high from water level	
voussoirs:	stone	radiating	

17. PHOTO NO's.

08-13 (17 - 27)

18. PREPARED BY: Patricia A. Remy
 AGENCY/ORGANIZATION: Penn DOT
 DATE: 6/3/82

6/3/82

Survey Number: S-24

Bridge Name and Address: Bridge in Lykens Township near
Erdman
L.R. 22001
Dauphin County

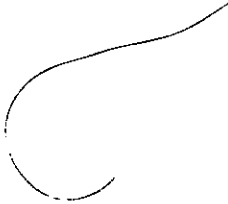
Owner: Commonwealth of Pennsylvania
Department of Transportation
Transportation & Safety Building
Harrisburg, Pennsylvania 17120

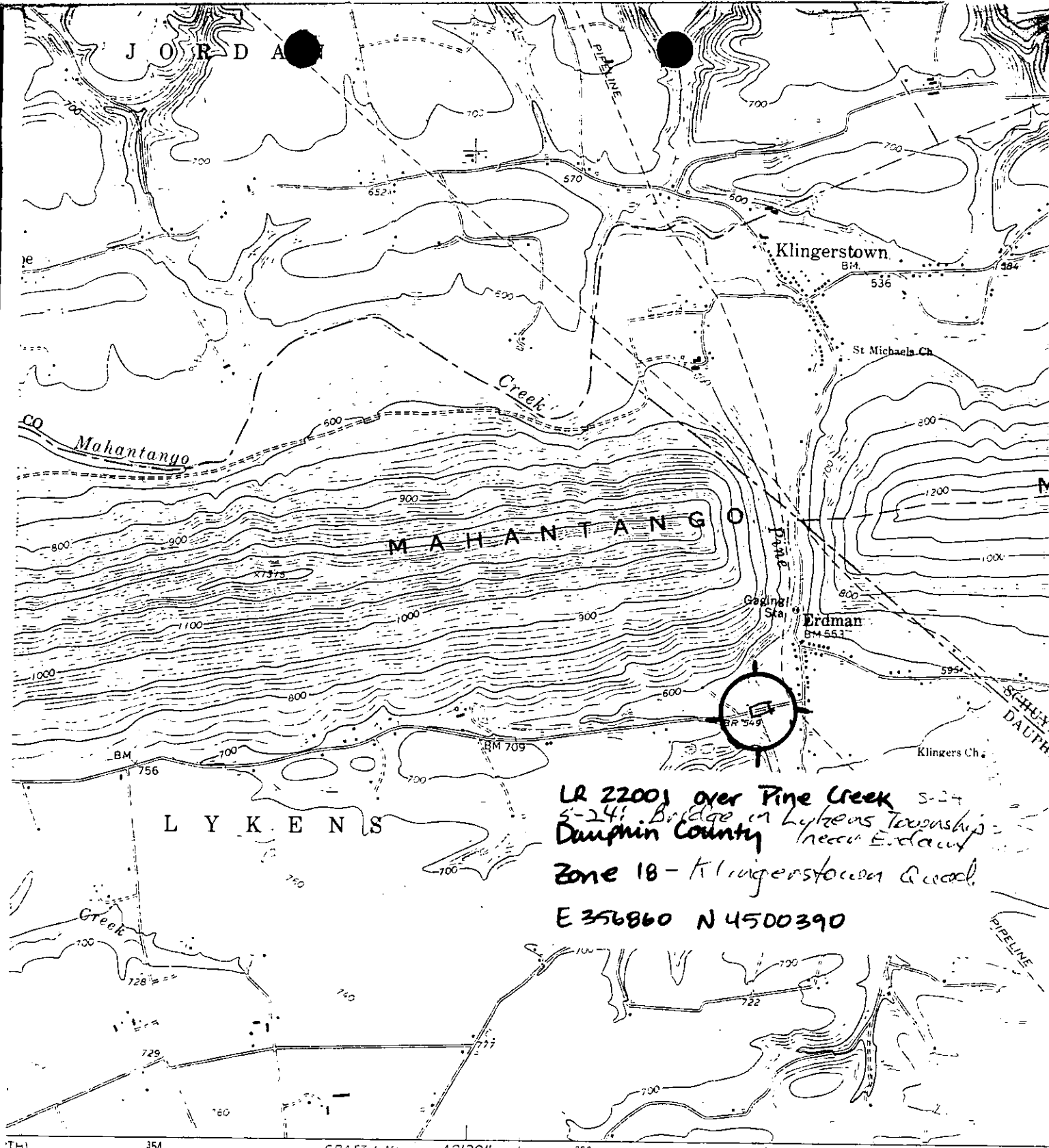
Statement of Significance: The bridge in Lykens Township near
Erdman is a multi-span stone bridge
built with a high rise and
moderately low spans. The
excellent stonework of precisely
laid coursed rubble voussoirs
contribute to the bridge's
engineering quality. This bridge
is also one of the most gracefully
designed and executed multi-span
bridges in south central
Pennsylvania. Although the center
pier and the inner surface of one
of the parapets have been
reinforced with concrete, the
bridge's integrity remains high.

Area of Significance: Engineering.

Boundary Description: The nominated property consists
of a 127 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.





LR 22001 over Pine Creek S-24
 5-24; Bridge in Lykens Township
 Dauphin County near Erdman
 Zone 18 - Klingerstown Area
 E 356860 N 4500390

(TH) 354 GRAYSON 42'30" 356 357 (LYKEN) 158
 5665 II SW

Geological Survey

from aerial photographs

947

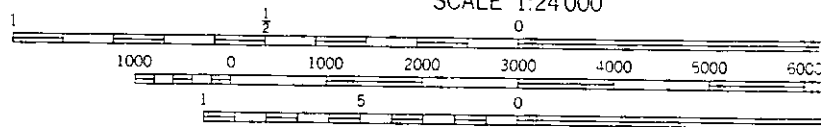
datum
 coordinate system,

grid ticks,

and field lines where
 this information is unchecked

MN
 GN
 9 1/2°
 169 MILS
 1°06'
 20 MILS

UTM GRID AND 1974 MAGNETIC NORTH
 DECLINATION AT CENTER OF SHEET



SCALE 1:24 000

CONTOUR INTERVAL 20 FEET
 NATIONAL GEODETIC VERTICAL DATUM OF 1929

Pennsylvania D.O.T. Owned Highway Bridges
 Bridge in Lykens Township S-24

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
 FOR SALE BY U.S. GEOLOGICAL SURVEY RESTON VIRGINIA 2019