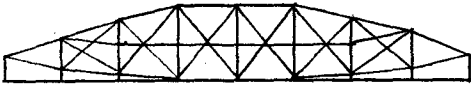


15. TYPE

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/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: | steel | smooth/painted | _____. |
| towers: | _____ | _____ | _____. |
| railings: | _____ | _____ | _____. |
| Substructure | | | |
| piers: | _____ | _____ | _____. |
| abutments: | CRM | rough | _____. |
| wings: | CRM | rough | _____. |
| intrados/ribs: | _____ | _____ | _____. |
| voussoirs: | _____ | _____ | _____. |

17. PHOTO NO's. Roll #10
14-15-16-17-18

18. PREPARED BY: Edward P. Osnick
AGENCY/ORGANIZATION: PA DOT
DATE: 8/11/82

Survey Number: T-47

Bridge Name and Address: Bridge in Nicholson Township
L.R. 65021 over Tunkhannock Creek
Wyoming County

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

Statement of Significance: The Bridge in Nicholson Township is an early, intact example of an unusual truss type. Built in 1876, this single span bridge is one of three lenticular trusses included in this nomination. The lenticular truss derives its name from the lens-like shape of its curved upper and lower chords. This bridge was constructed by the Corrugated Metal Company which was the early name of the Berlin Iron Bridge Company of Berlin, Connecticut. Its truss configuration is different than the two Lycoming County lenticular trusses. It also measures 110 feet long, which is considerably smaller than the two later Berlin Company lenticular trusses included in this nomination.

Area of Significance: Engineering

Boundary Description: The nominated property consists of a 140 feet long by 25 feet wide rectangle whose vertices coincide with the outside corners of the bridge wing walls, and includes only bridge superstructure and substructure.

Acreage of Nominated Property: Less than one acre.

Pennsylvania D.O.T. Owned Highway Bridges

Bridge in Nicholson Twp.

T-47

430

50'

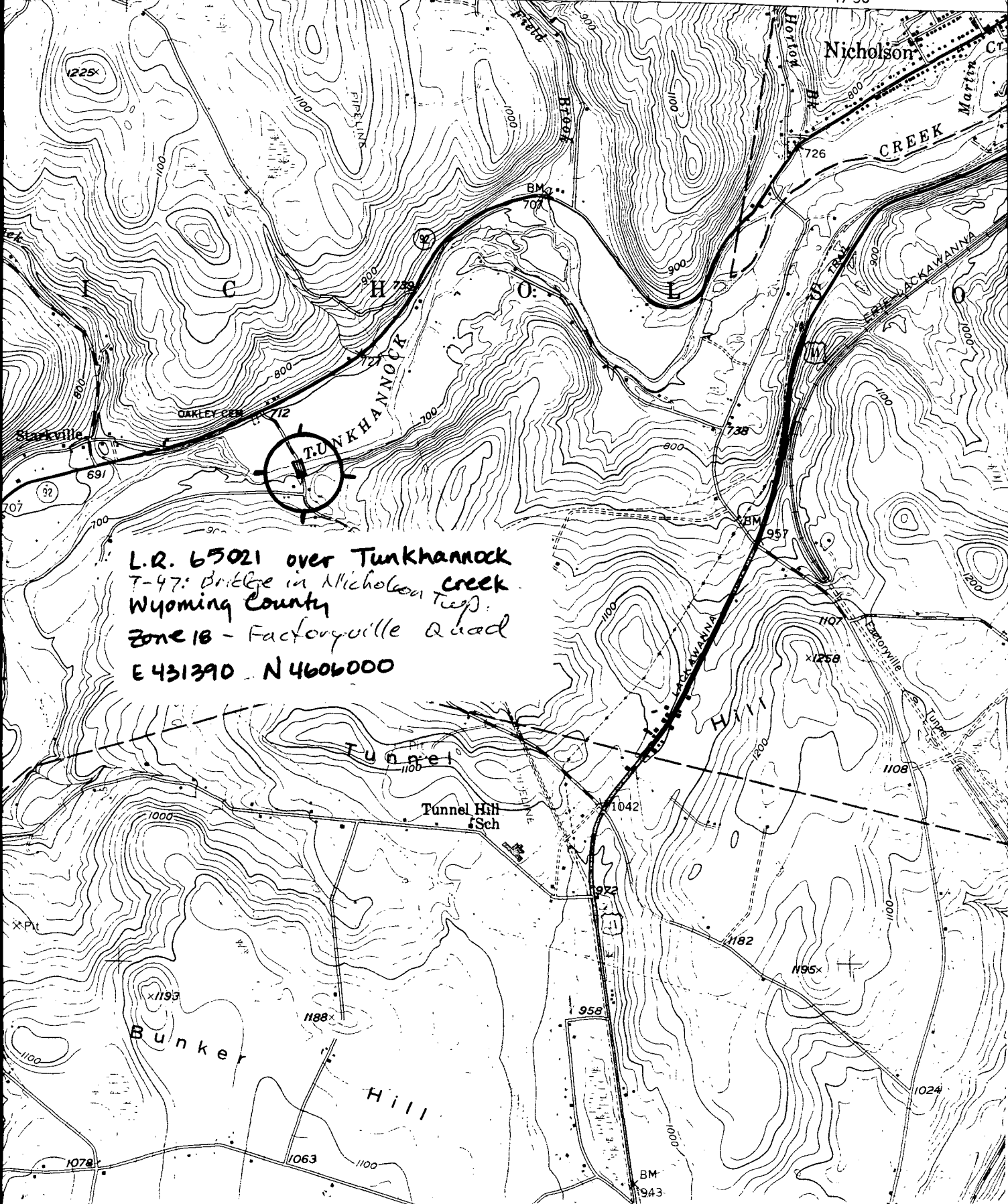
431

432

5867 III NE
(HOP BOTTOM)

433

47'30"



L.R. 65021 over Tunkhannock
T-47: Bridge in Nicholson Creek
Wyoming County
Zone 18 - Factoryville Quad
E 431390 N 4606000