

Survey Number: T-30

Bridge Name and Address: Bridge in Lewis Township
L.R. 41051 over Lycoming Creek
Lycoming County

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

Statement of Significance: The Bridge in Lewis Township is a typical example of a Pratt through truss. Built in 1890, this bridge is one of fourteen representative examples of the Pratt through truss included in this nomination. This pin-connected truss is composed of typical members made of channels with lacing bars. It is located in the northcentral portion of the state, one of the areas of heavy truss bridge concentration in Pennsylvania. This is a well preserved example of a type of bridge used frequently in this region of the state.

Area of Significance: Engineering.

Boundary Description: The nominated property consists of a 179 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.

PENNSYLVANIA HISTORIC RESOURCE SURVEY FORM
Bureau for Historic Preservation
PA Historical & Museum Commission

Box 1026
Harrisburg, PA 17120

9. HISTORICAL DATA

1. County
Lycoming

2. Municipality
Lewis Twp.

3. Structure No.
[4][1][2][0][0][0][5][1][0][0][0][0][1][4][8]

4. Survey Code
030-310

5. Present Name

6. Other name (historic name if any)

7. Crossing
L.R. 41051
over Lycoming Creek

8. USGS QUAD. Bodines

UTM's: Zone

E	3	3	4	5	0	0
N	4	5	9	0	2	0
E						
N						

Designer/Engineer: -----

Builder/Contractor: E. A. and J. S. Perkins
Contractors of Williamsport
PERKINS, E.A. and J.S.

Bridge Company: -----

Date(s): 1890 ; basis (Insp. report)

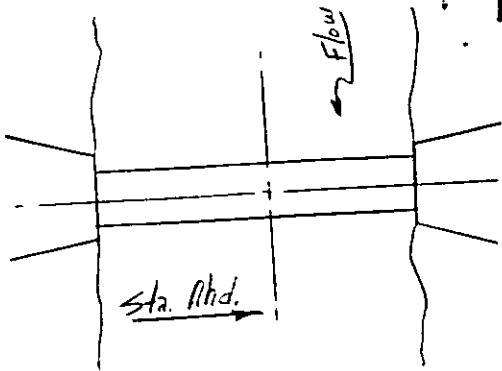
1890 ; basis (Plaque)

_____ ; basis

_____ ; basis

Use: Str. over creek present; same original.

10. SITE PLAN



11. INTEGRITY

altered; 1976

unaltered;

moved;

Explain: conc. jackets on abut.

12. VIEW

no.



13. COMMENTS

Unusual features:

None

Locale/environment: Historic setting

Machinery (describe/identify type/equipment): N/A

spans: 1 no., 149 ft. 0/A

main: 1 no., 149 ft. 217'

secondary: no., ft. 115'

approach: no., ft.

piers: no.

towers: no., ft.

15. TYPE

10

CHARACTERISTICS

56

Truss: ~~continuous/cantilever~~

webbing: Pratt (9-Panel)

anchor span: _____

~~cantilever span~~

~~suspended span~~xxxx

thru/deck/low (pony): full-slope/half-hip.

connections: pin/riveted.

eyebars: loop welded/die forged.

railing: 2-cables each side

columns: vert: 2-channels w/lacing

Top chord: 2-channels w/plates

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: 90°

Arch: masonry/metal:

Suspension:

Bascule:

Swing:

Vertical Lift:

Other: (

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/Rail.

semi-lift/direct lift.

bearing: center/rim/combination.

(see Truss above).

(see Truss above).

other: _____

16. MATERIALS (primary)

06, 09

15

Superstructure

type

treatment/finish

source

main span: steel ; _____ ; _____

towers: N/A ; _____ ; _____

railings: cables ; _____ ; _____

Substructure

piers: N/A ; _____ ; _____

abutments: cem. concrete ; smooth (jacketed) ; _____

wings: cem. concrete ; smooth (jacketed) ; _____

intrados/ribs: N/A ; _____ ; _____

voussoirs: N/A ; _____ ; _____

17. PHOTO NO's.

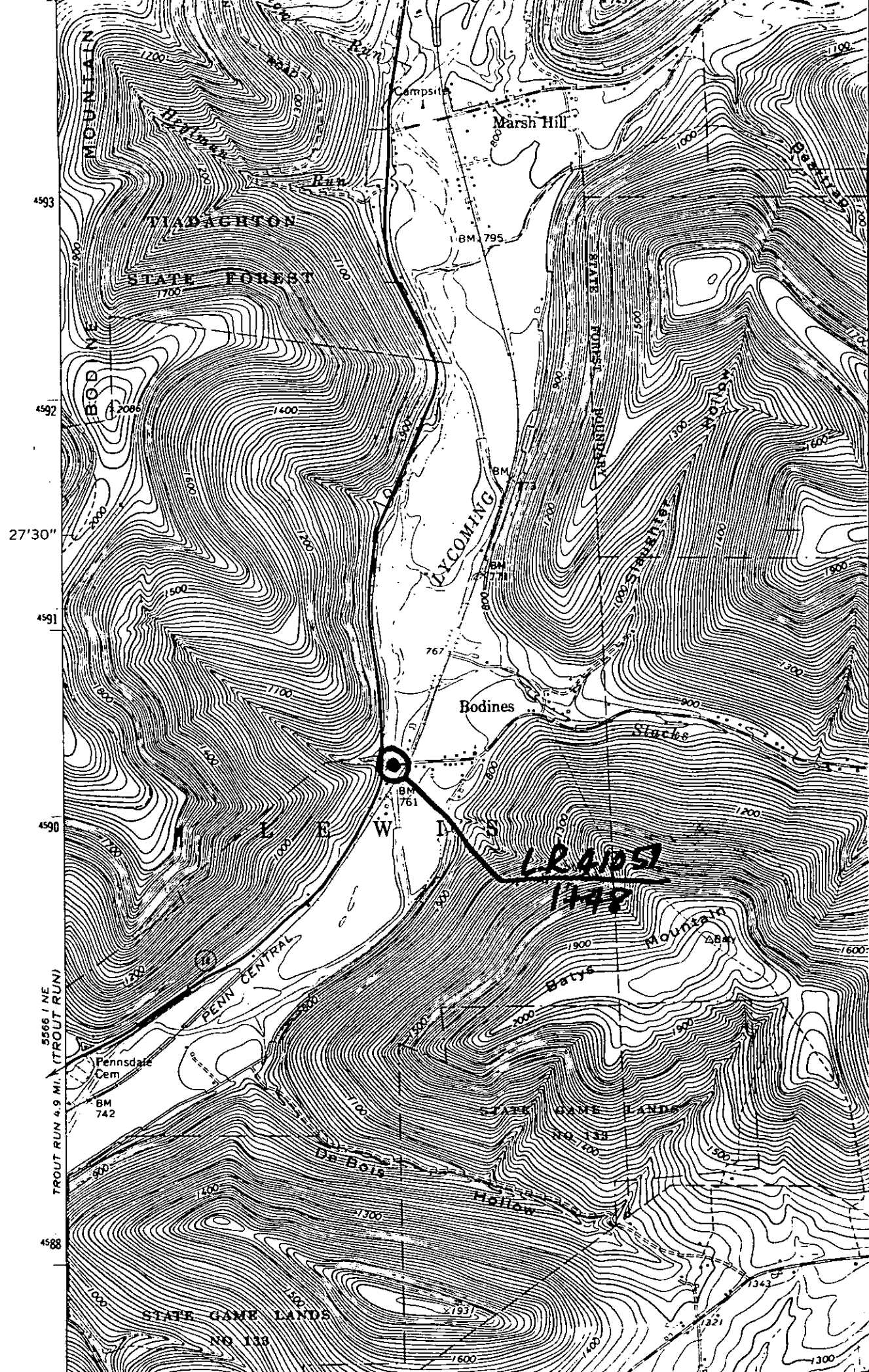
03-06 (28-32)

18. PREPARED BY:

AGENCY/ORGANIZATION:

DATE: Aug 1962

7



4593

4592

27°30'

4591

4590

5566 1 NE

TROUT RUN 4.9 MI (TROUT RUN)

4588

MOUNTAIN

TRADACHTON
STATE FOREST

BOD

EXCOMING

Bodines

LRADSI
1748

PENN CENTRAL

Pennsdate
Cem

Mountain

De Bois

STATE GAME LANDS

Campsite
Marsh Hill

BM 795

BM

BM

767

BM 761

BM 742

STATE GAME LANDS

Hollow

1931

1300