

9. HISTORICAL DATA

8. USGS QUAD. York Haven

UTM's: Zone 18

E	3	5	3	5	6	0
N	4	4	3	7	9	0
E						
N						

Designer/Engineer:

Unknown

Builder/Contractor:

Unknown

Bridge Company:

Wrought Iron Bridge Co., Canton, Ohio

Date(s): 1889; basis Ozalide

1889; basis Bridge Plaque

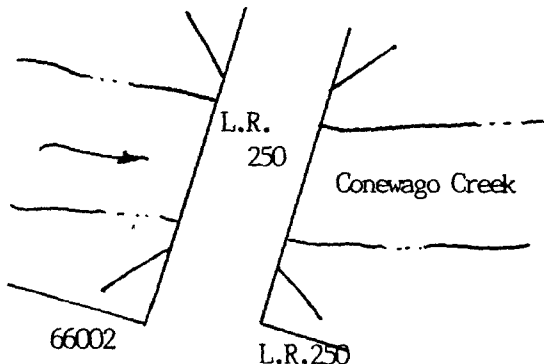
; basis

; basis

Use: vehicular present; vehicular original.

10. SITE PLAN

1



11. INTEGRITY

altered; _____
 unaltered; _____
 moved; _____

Explain:

12. VIEW

no.

PHOTO

13. COMMENTS

Unusual features: N/A

Locale/environment:

Rural - Residential

Machinery (describe/identify type/equipment):

N/A

14. DIMENSIONS

spans: 1 no., 299 ft. O/A

main: 1 no., 295 ft.

secondary: no., ft.

approach: no., ft.

piers: no.

towers: no., ft.

1. County York

2. Municipality Manchester & Newberry Twp.

3. Structure No. 660110192501001443811

4. Survey Code T-48

5. Present Name Bridge between East Manchester & Newberry Townships

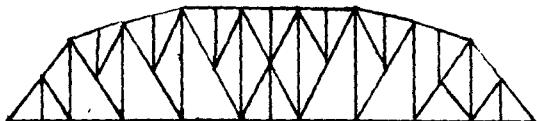
6. Other name (historic name if any) N/A

7. Crossing L.R. 250 (Rt. 181) over Conewago Creek

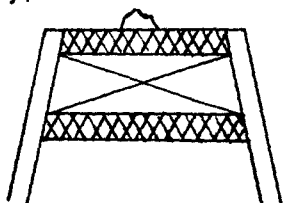
15. TYPE

CHARACTERISTICS

Truss: continuous/cantilever:



Arch: masonry/metal:



Suspension:

Bascule:

Swing:

Vertical Lift:

Other:

- webbing: Pennsylvania sloped
- anchor span: _____
- cantilever span: _____
- suspended span: _____
- thru/deck/low (pony): full-slope/half-hip.
- connections: pin/riveted.
- eyebars: loop welded/die forged.
- railing: round handrail & guardrail
- columns: laced channels; latticed portal

- 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

- 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:	<u>steel</u>	_____	_____
towers:	_____	_____	_____
railings:	<u>steel</u>	<u>handrail & guardrail</u>	_____
Substructure			
piers:	_____	_____	_____
abutments:	<u>stone/concrete</u>	<u>concrete abutment s-end only</u>	_____
wings:	<u>stone</u>	<u>coarse, stratified</u>	_____
intrados/ribs:	_____	_____	_____
voussiors:	_____	_____	_____

17. PHOTO NO's. 08-18(42-8)

18. PREPARED BY: Patricia A. Remy
 AGENCY/ORGANIZATION: PA DOT.
 ; DATE: 10/5/82

Survey Number: T-48
Bridge Name and Address: Bridge between East Manchester and
Newberry Townships
L.R. 250 over Conewago Creek
York County

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

Statement of Significance: The Bridge between East Manchester and Newberry Townships is a typical example of a Pennsylvania (Petit) truss bridge. It was built in 1889 by The Wrought Iron Bridge Company, an important nineteenth century bridge company. This single span, pin-connected truss is one of eight representative examples of the Pennsylvania (Petit) truss bridge included in this nomination. It is unusual in its location, being one of only four metal truss bridges in the southeastern portion of Pennsylvania. Most exemplary truss bridges included in this nomination were built in the north central, northwestern and southwestern sections of the state.

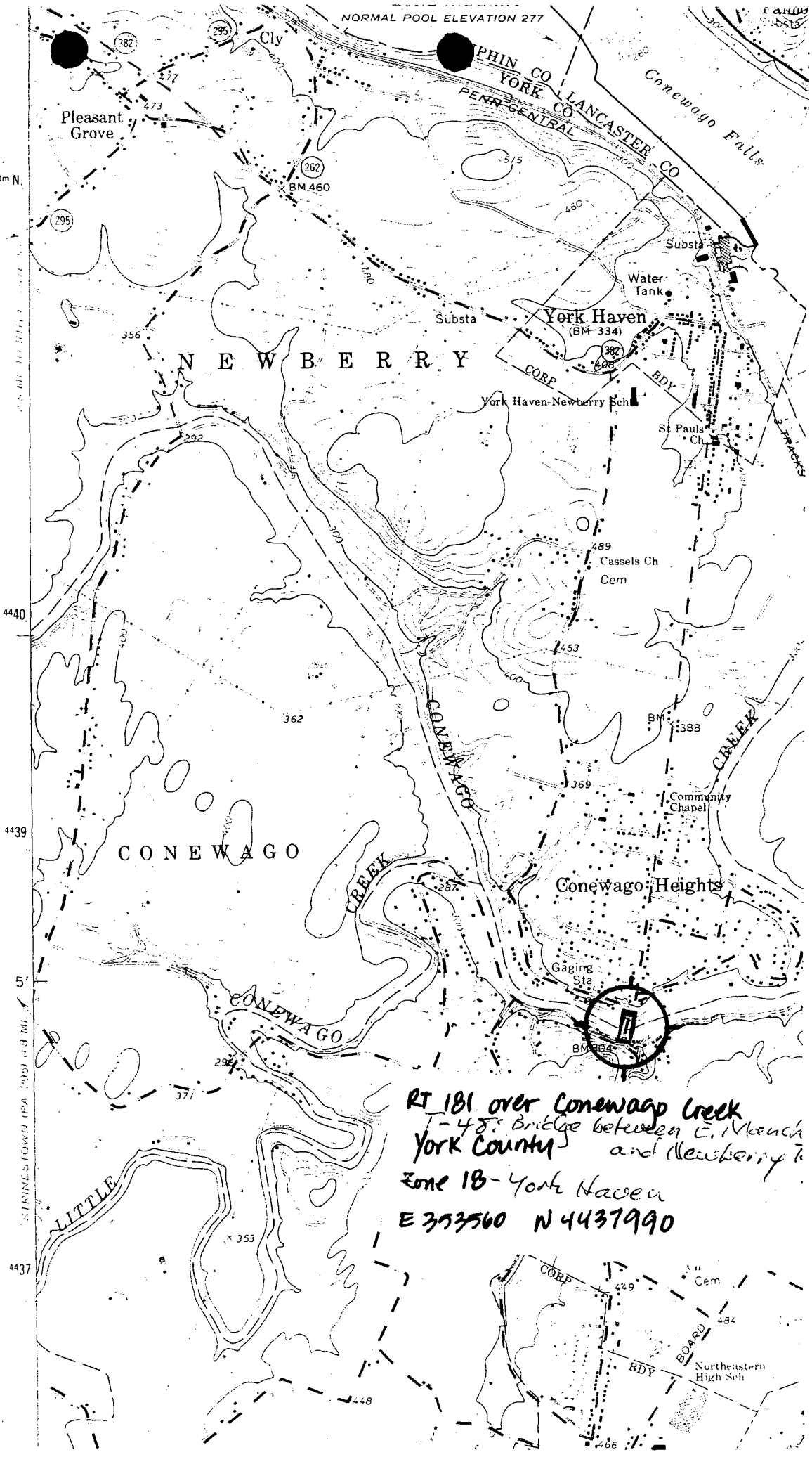
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Area of Significance: Engineering

Boundary Description: The nominated property consists of a 299 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 D.O.T. Owned Highway Bridges
East Manchester/Newberry Twp. Bridge T-48



RT 181 over Conewago Creek
T-48 Bridge between E. Manches
York County and Newberry Twp
Zone 18 - York Haven
E 353560 N 4437990

