

9. HISTORICAL DATA

8. USGS QUAD. Titusville-South

UTM's: Zone 17  
 E 6 1 1 8 4 0  
 N 4 6 0 7 9 4 0  
 E  
 N

Designer/Engineer:

Unknown

Builder/Contractor:

Unknown

Bridge Company:

Morse Bridge Company

Date(s): 1882 ; basis form#432

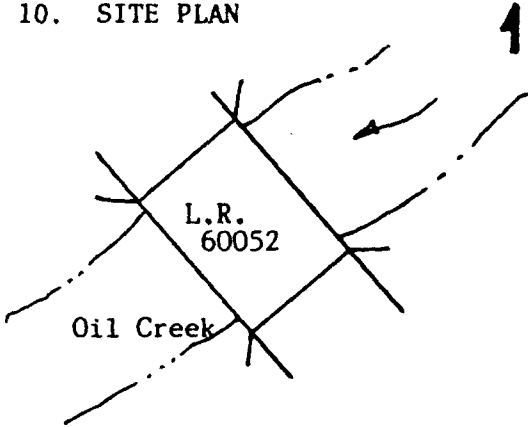
\_\_\_\_\_ ; basis

\_\_\_\_\_ ; basis

\_\_\_\_\_ ; basis

Use: vehicular present; same original.

10. SITE PLAN



12. VIEW

no.

PHOTO

11. INTEGRITY

altered; \_\_\_\_\_  
 unaltered; \_\_\_\_\_  
 moved; \_\_\_\_\_

Explain:  
 1980 - repair vertical members, U-bolts -diagonal rods & pipe railing on right side.

13. COMMENTS

Unusual features:

Some plate repairs on large members.

Locale/environment:

Rural

Machinery (describe/identify type/equipment):

14. DIMENSIONS

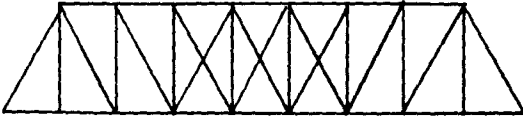
spans: 1 no., 136 ft. O/A  
 main: \_\_\_\_\_ no., \_\_\_\_\_ ft.  
 secondary: \_\_\_\_\_ no., \_\_\_\_\_ ft.  
 approach: \_\_\_\_\_ no., \_\_\_\_\_ ft.  
 piers: \_\_\_\_\_ no.  
 towers: \_\_\_\_\_ no., \_\_\_\_\_ ft.

1. County Venango  
 2. Municipality Cherrytree Twp.  
 3. Structure No. 6101 2101 9952101 0911549  
 4. Survey Code 01-310 T-42  
 5. Present Name Bridge in Cherrytree Township  
 6. Other name (historic name if any) N/A  
 7. Crossing L.R. 60052 over Oil Creek

15. TYPE

CHARACTERISTICS

Truss: continuous/cantilever:



Arch: masonry/metal:

Suspension:

Bascule:

Swing:

Vertical Lift:

Other:

webbing: \_\_\_\_\_  
 anchor span: \_\_\_\_\_  
 cantilever span: \_\_\_\_\_  
 suspended span: \_\_\_\_\_  
 thru/deck/low (pony): full-slope/half-hip.  
 connections: pin/riveted.  
 eyebars: loop welded/die forged  
 railing: steel pipe  
 columns: \_\_\_\_\_

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°

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)

Superstructure	type	treatment/finish	source
main span:	steel	_____	_____
towers:	_____	_____	_____
railings:	steel	_____	_____
Substructure			
piers:	_____	_____	_____
abutments:	con. over stone/stone	_____	_____
wings:	stone/conc. over stone	_____	_____
intrados/ribs:	_____	_____	_____
voussoirs:	_____	_____	_____

17. PHOTO NO's. Roll 22  
 01-20-(32-36) 4 exposures

18. PREPARED BY: G.A. Rapp  
 AGENCY/ORGANIZATION: PennDOT  
 ; DATE: 8/13/82

Survey Number: T-42

Bridge Name and Address: Bridge in Cherrytree Township  
L.R. 60052 over Oil Creek  
Venango County

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

Statement of Significance: The Bridge in Cherrytree Township is a typical example of a Pratt through truss bridge. It was built by the Morse Bridge Company of Youngstown, Ohio, the predecessor to Youngstown Bridge Company. This single span, pin-connected bridge is fabricated of typical members made of channels, angles, eyebars and lacing bars. It is a well preserved example of a type of bridge used frequently in northwestern Pennsylvania and thus warrants listing on the National Register.

Area of Significance: Engineering.

Boundary Description: The nominated property consists of a 176 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.

**NR Listed**

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
TOPOGRAPHIC AND GEOLOGIC SURVEY

Pennsylvania D.O.T. Owned Highway Bridges  
Bridge in Cherrytree Twp. T-42

5067 II NW  
(TITUSVILLE NORTH)

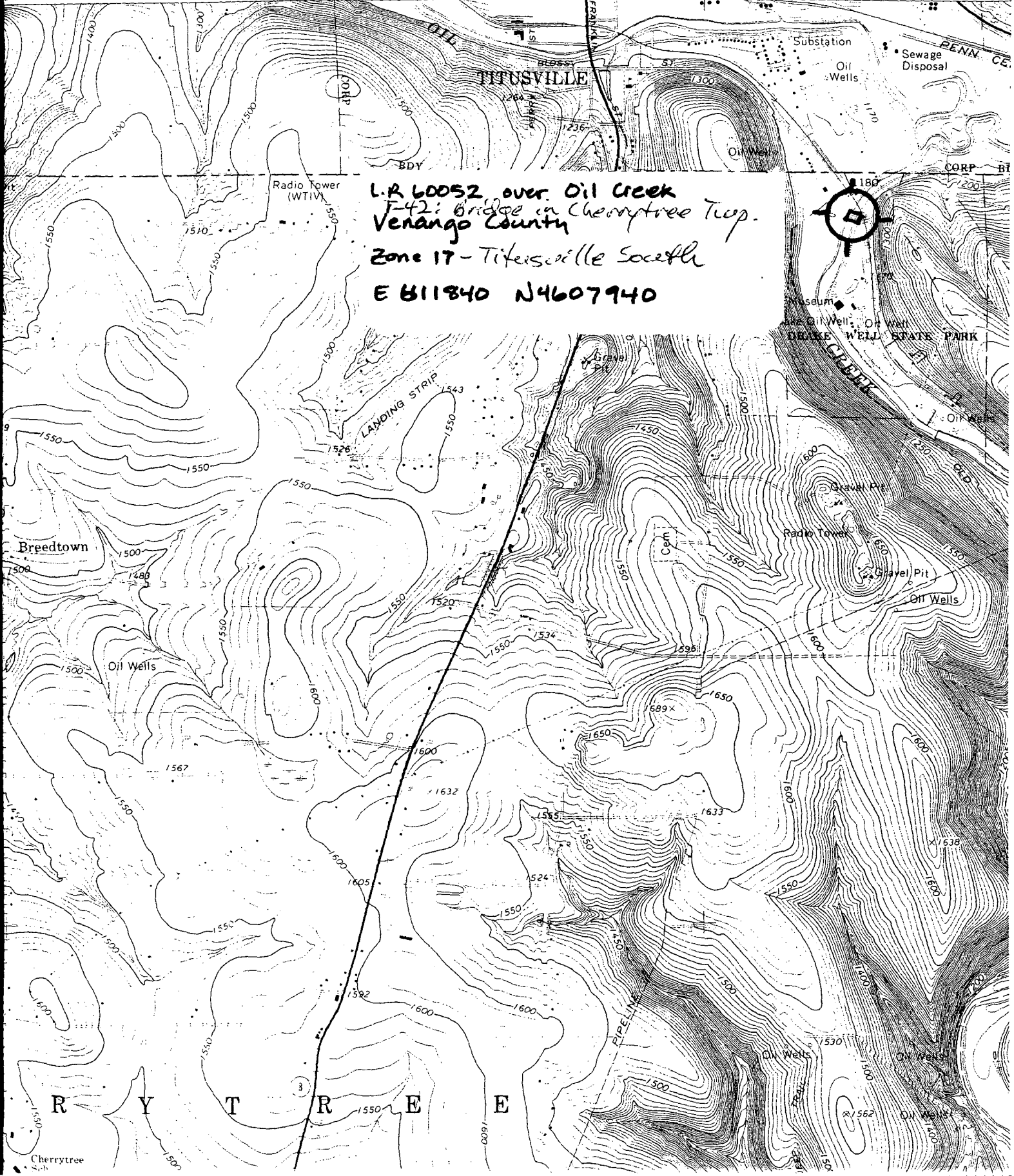
1:250,000  
BETOWN S.S.W.

611 40'

612

1 480 000

30" 608



L.R. 60052 over Oil Creek  
T-42: Bridge in Cherrytree Twp.  
Venango County  
Zone 17 - Titusville South  
E 611840 N4607940

