

9. HISTORICAL DATA

8. USGS QUAD. Johnstown

UTM's: Zone 17

| | | | | | | |
|---|---|---|---|---|---|---|
| E | 6 | 7 | 6 | 0 | 8 | 0 |
| N | 4 | 4 | 6 | 5 | 8 | 8 |
| E | | | | | | |
| N | | | | | | |

Designer/Engineer:

Unknown

Builder/Contractor:

Bethlehem Steel Co.

Bridge Company:

Unknown

Date(s): 1890; basis District Bridge Files

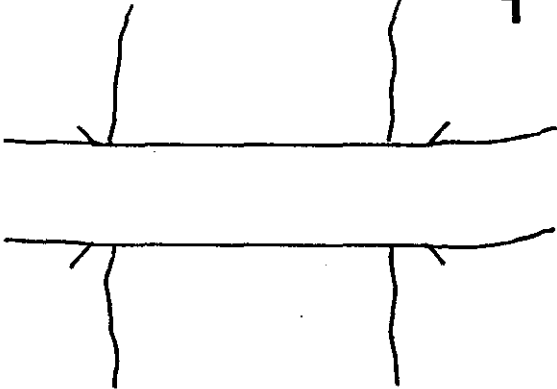
_____ ; basis _____

_____ ; basis _____

_____ ; basis _____

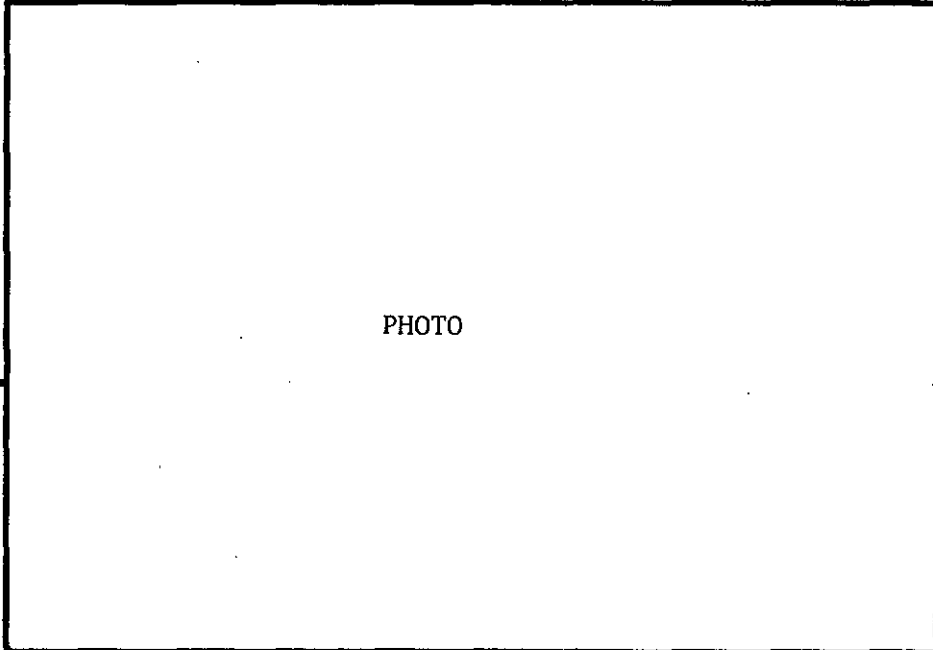
Use: Vehicular present; Vehicular original.

10. SITE PLAN



12. VIEW

no.



11. INTEGRITY

X altered; 1965
 unaltered; _____
 moved; _____

Explain:

added wood flooring
 and wire mesh railing

13. COMMENTS

Unusual features:

part of Johnstown incline
 on NR (6/18/73)

Locale/environment:
 in Johnstown

Machinery (describe/identify type/
 equipment):

N/A

14. DIMENSIONS

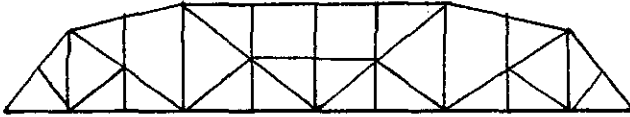
spans: 1 no., 224.5ft. O/A
 main: _____ no., _____ ft.
 secondary: _____ no., _____ ft.
 approach: _____ no., _____ ft.
 piers: _____ no.
 towers: _____ no., _____ ft.

1. County Cambria
 2. Municipality Johnstown
 3. Structure No. 111110105121571001011118
 4. Survey Code 9-0 T-7
 5. Present Name Bridge in Johnstown City
 6. Other name (historic name if any) N/A
 7. Crossing I.R. 525 Spur over Stoner Creek
 10. Incline Plane 311

15. TYPE

CHARACTERISTICS

Truss: continuous/cantilever:



Arch: masonry/metal:

Suspension:

Bascule:

Swing:

Vertical Lift:

Other:

webbing: Pennsylvania
 anchor span: _____
 cantilever span: _____
 suspended span: _____
 thru/deck/low (pony): full-slope/half-hip.
 connections: pin/riveted.
 eyebars: loop welded/die forged.
 railing: wire mesh
 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

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).

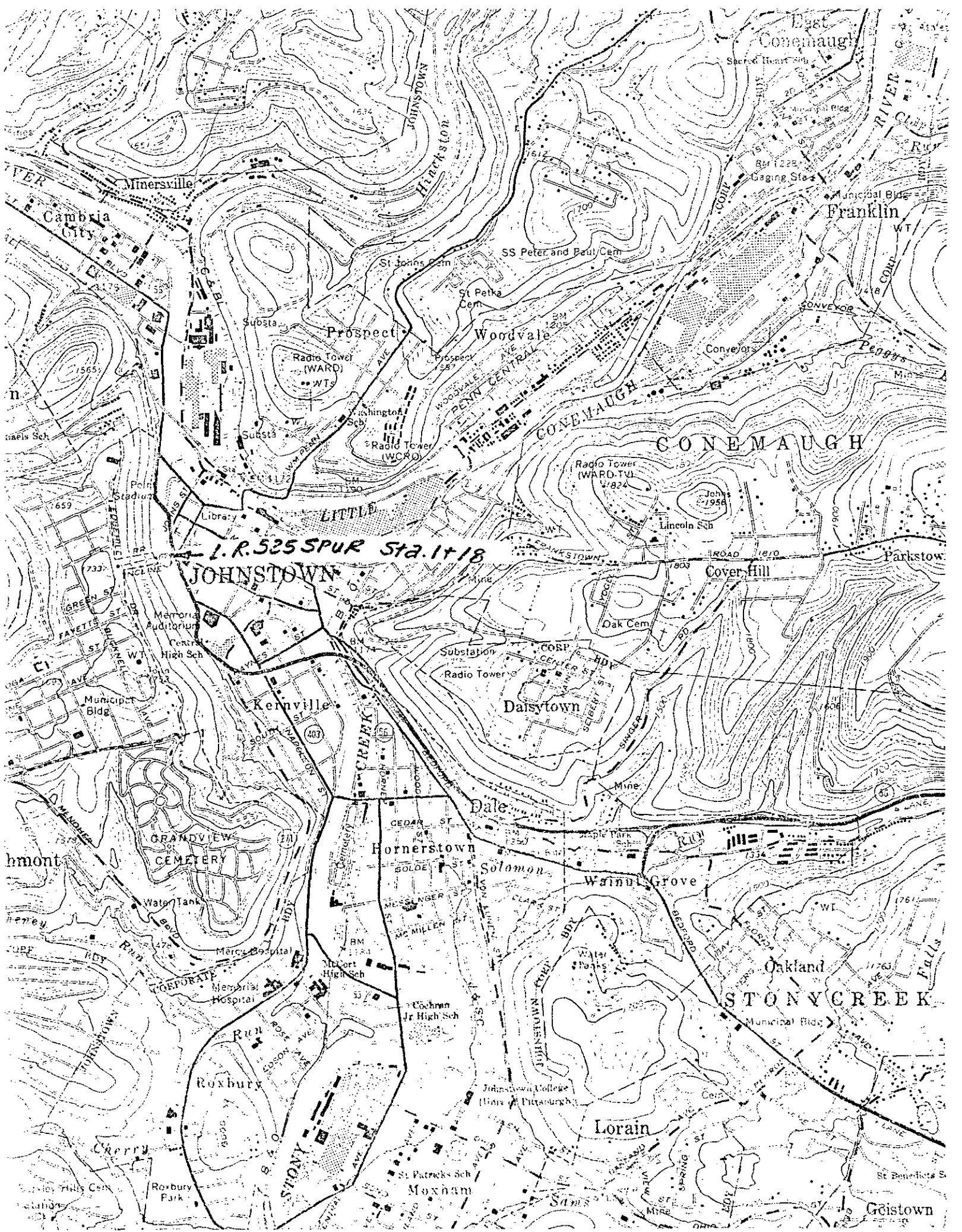
other: _____

16. MATERIALS (primary)

| Superstructure | type | treatment/finish | source |
|----------------|------------------|------------------|--------|
| main span: | <u>steel</u> | _____ | _____ |
| towers: | _____ | _____ | _____ |
| railings: | <u>steel</u> | _____ | _____ |
| Substructure | | | |
| piers: | _____ | _____ | _____ |
| abutments: | <u>cut stone</u> | <u>ashlar</u> | _____ |
| wings: | <u>cut stone</u> | <u>ashlar</u> | _____ |
| intrados/ribs: | _____ | _____ | _____ |
| voussoirs: | _____ | _____ | _____ |

17. PHOTO NO's.

18. PREPARED BY: J. Dain Davis
 AGENCY/ORGANIZATION: Penn DOT
 ; DATE: 9/20/82



I.R. 525 SPUR Sta. 1118

JOHNSTOWN

Kernville

Daisytown

Hornerstown

Dale

Wainut Grove

Oakland

STONY CREEK

Lorain

Roxbury

Moxham

Geistown

Survey Number: T-7

Bridge Name and Address: Bridge in Johnstown City
L.R. 525 over Stony Creek
Cambria County

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

Statement of Significance: The bridge in Johnstown City is an intact example of a relatively long span Pennsylvania (Petit) truss. This single-span, pin-connected truss is one of eight Pennsylvania (Petit) truss bridges included in this nomination. It was constructed in 1890 by the Cambria Iron Works, a predecessor to Bethlehem Steel Company. This bridge is supported on stone abutments and features three-foot thick iron girders. This bridge also has had a very distinctive and important role in local transportation. It is part of the Inclined Plane Railway, and was originally built as a "Lifesaver" for citizens of flood-prone Johnstown to escape to higher ground.

Area of Significance: Transportation, engineering.

Boundary Description: The nominated property consists of a 232 feet long by 26 feet wide rectangle whose vertices coincide with the outside corners of the bridge's wing walls, and includes only superstructure and substructure.

Acreage of Nominated Property: Less than one acre.