

9. HISTORICAL DATA

8. USGS QUAD. Cresson

UTM's: Zone 17
 E 7 0 2 1 1 0
 N 4 4 7 7 3 0 0
 E
 N

Designer/Engineer:

Unknown

Builder/Contractor:

Allegheny Portage Railroad

Bridge Company:

Unknown

Date(s): 1832; basis District Bridge Files

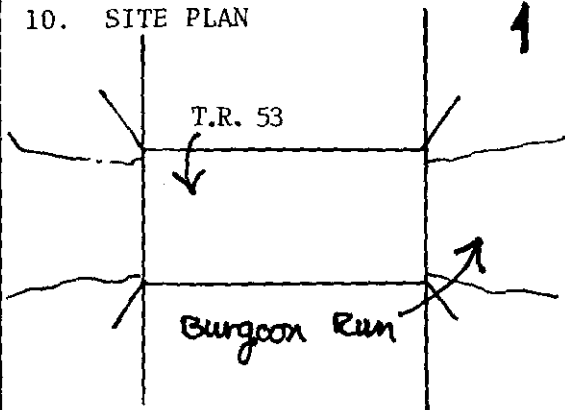
_____ ; basis

_____ ; basis

_____ ; basis

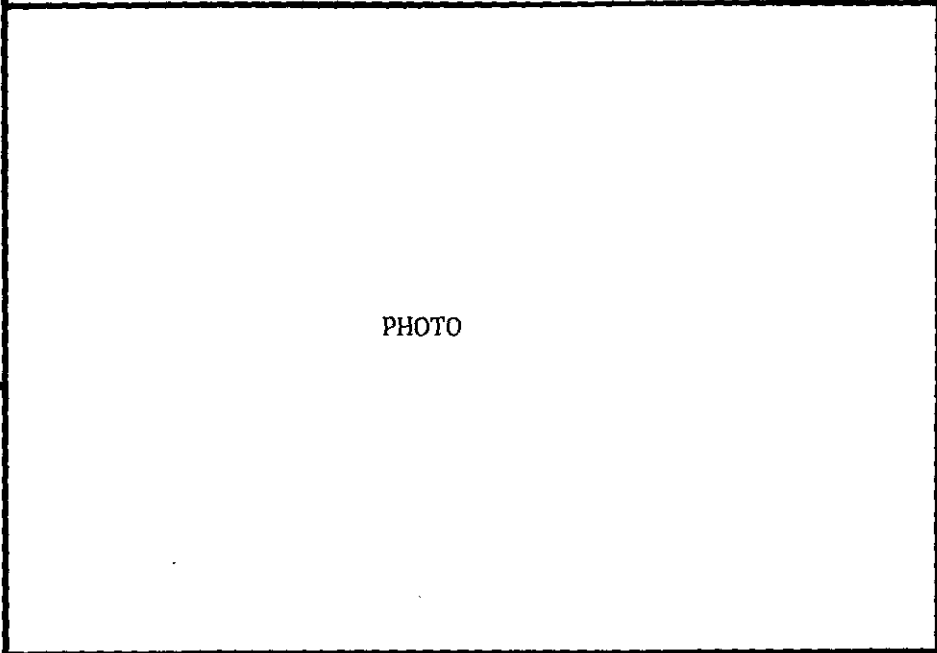
Use: Railroad present; vegicular original.

10. SITE PLAN



12. VIEW

no.



PHOTO

11. INTEGRITY

~~altered~~; R.C. Parapet
 unaltered;
 moved;

Explain:

metal guide rails

13. COMMENTS

Unusual features:
 Part of Allegheny
 Portage Railroad

Locale/environment:

Machinery (describe/identify type/
 equipment):

14. DIMENSIONS

spans: 1 no., 18 ft. O/A
 main: no., ft.
 secondary: no., ft.
 approach: no., ft.
 piers: no.
 towers: no., ft.

1. County Cambria
 2. Municipality Lilly
 3. Structure No. 11110027610111611419
 4. Survey Code 9-0 S-10
 5. Present Name Lilly Bridge
 6. Other name (historic name if any)
 7. Crossing TR 53 over Burgoon Run

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: steel guard rail
- 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 90°

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:	<u>masonry stone</u>	<u>coursed ashlar</u>	_____
towers:	_____	_____	_____
railings:	_____	_____	_____
Substructure			
piers:	_____	_____	_____
abutments:	<u>masonry stone</u>	<u>coursed ashlar</u>	_____
wings:	_____	_____	_____
intrados/ribs:	_____	_____	_____
voussoirs:	_____	_____	_____

17. PHOTO NO's.

18. PREPARED BY: J. Dain Davis
 AGENCY/ORGANIZATION: PennDOT
 ; DATE: September 15, 1982

Survey Number: S-10

Bridge Name and Address: Lilly Bridge
L.R. 276 over Burgoon Run
Cambria County

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

Statement of Significance: The Lilly Bridge is an unusual stone bridge, both in its historical association and its configuration. It is one of two stone arch bridges located in Cambria County which are included in this nomination. Both bridges were built on the Allegheny Portage Railroad, a unique and unusual system of inclined planes. Constructed between 1832 and 1834, the Allegheny Portage Railroad linked the eastern and western divisions of the Pennsylvania Main Line Canal by carrying canal boats over the Allegheny Mountains. The Lilly Bridge was constructed for this railroad of roughly squared ashlar. Unusual features of this single span arch are the elliptical shape, and the curved wingwalls. Like most railroad bridges, it has no parapet wall. This bridge outlasted the Allegheny Portage Railroad and today carries vehicular traffic on a state highway. This small bridge retains good integrity despite the additions of metal guide rails and a partial concrete parapet which have been added in the 20th century.

Area of Significance: Transportation, engineering.

Boundary Description:

The nominated property consists of an 18 feet long by 30 feet wide rectangle, and includes only bridge superstructure and substructure.

Acreage of Nominated Property:

Less than one acre.

Pennsylvania D.O.T. Owned Highway Bridges
Lilly Bridge
S-10

TR 53 over Burgoon Run
S-10 Lilly Bridge
Cambria County
Zone 17 - Cresson Quad
E 702110 N 4477300

