

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

Box 1026  
 Harrisburg, PA 17120

**9. HISTORICAL DATA**  
 None on Bridge

**8. USGS QUAD.** Fannettsburg

UTM's: Zone 18

E	2	6	4	6	6	6
N	4	4	3	8	5	0
E						
N						

Designer/Engineer: Unknown

Builder/Contractor: Unknown

Bridge Company: Unknown

Date(s): pre-1860; basis F.F. Unger, Old Bridges of Franklin County (bridge #4)

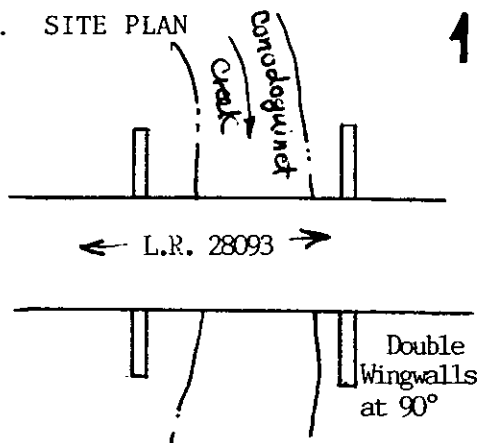
\_\_\_\_\_ ; basis

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

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

Use: Vehicular present; Vehicular original.

**10. SITE PLAN**



**11. INTEGRITY**

Xaltered; unknown

  unaltered; \_\_\_\_\_

  moved; \_\_\_\_\_

Explain:

Repointed + gunnite arch.

**12. VIEW** Downstream no.

PHOTO

**13. COMMENTS**

Unusual features:

Bridge fits pleasant countryside; double wingwalls; food condition

Locale/environment:

Rural; farmland

Machinery (describe/identify type/equipment):

**14. DIMENSIONS**

spans: 3 no., 55 ft. <sup>75'</sup> O/A

main: 3 no., 16 ft.

secondary:    no.,    ft.

approach:    no.,    ft.

piers: 2 no.

towers:    no.,    ft.

1. County	Franklin
2. Municipality	Letterkenny Twp.
3. Structure No.	12181 21 101 010 91 101 012 817 817 1
4. Survey Code	S-33
5. Present Name	Horse Valley Bridge
6. Other name (historic name if any)	Horse Valley Bridge
7. Crossing	L.R. 28093 over Conodoguinet Creek

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: \_\_\_\_\_.
- 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

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:	Stone/concrete;	Coarse; semi-stratified	_____.
towers:	_____;	_____;	_____.
railings:	Stone/concrete;	Coarse/cap	_____.
Substructure			
piers:	Stone	Rough	_____.
abutments:	Stone	Rough; semi-stratified	_____.
wings:	Stone	Rough; semi-stratified	_____.
intrados/ribs:	Stone	Coarse	_____.
voussoirs:	Stone	Coarse; radiating	_____.

17. PHOTO NO's.  
08-03 (30-35) and  
08-14 (1-19)

18. PREPARED BY: Michael Connolly  
AGENCY/ORGANIZATION: PennDOT  
DATE: 8-82

Survey Number: S-33

Bridge Name and Address: Horse Valley Bridge  
L.R. 28093  
Franklin County

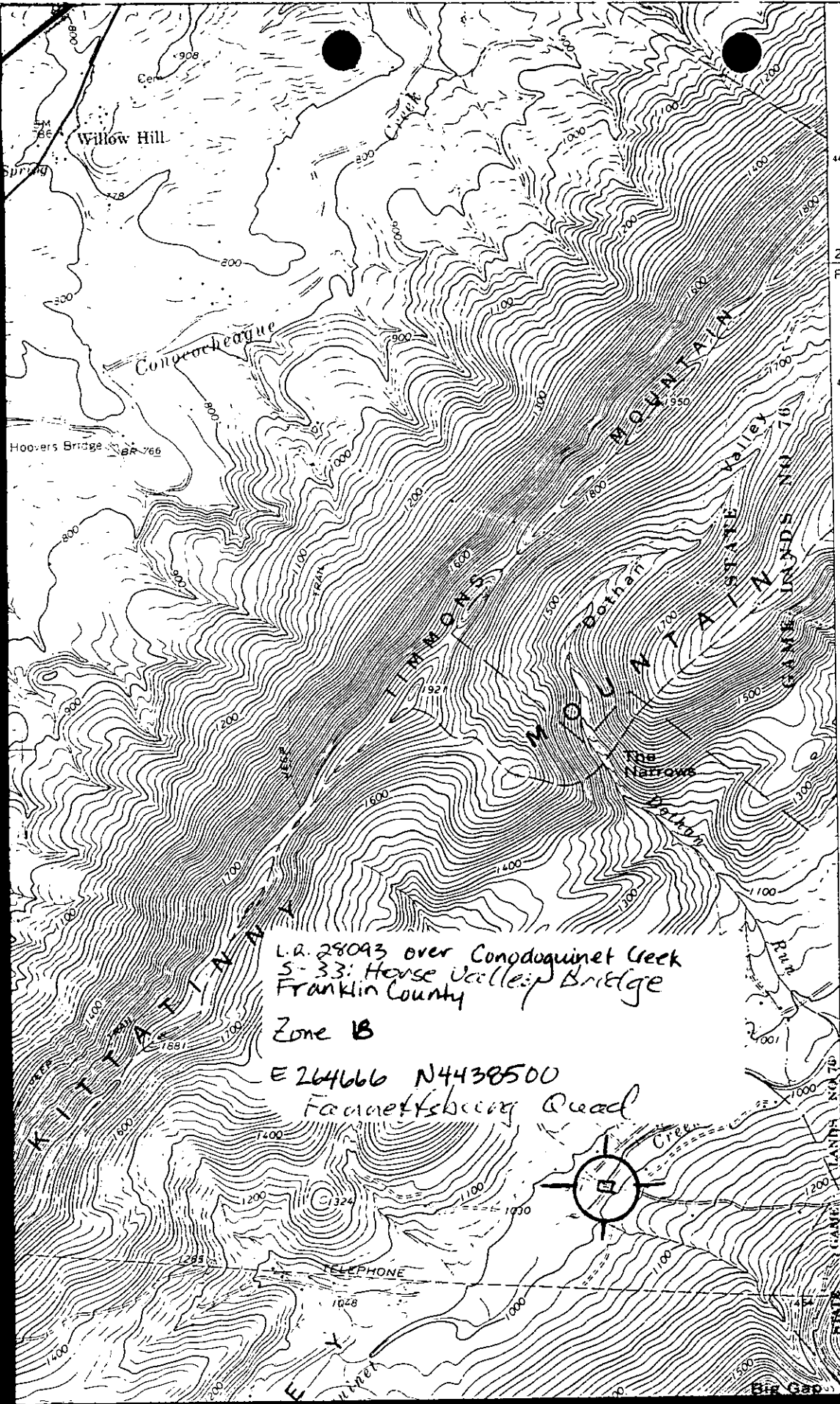
Owner: Commonwealth of Pennsylvania  
Department of Transportation  
Transportation & Safety Building  
Harrisburg, Pennsylvania 17120

Statement of Significance: The Horse Valley Bridge is one of four very fine examples of nineteenth century turnpike bridges located in Franklin County. Although the date of construction is unknown, the configuration, quality of workmanship, is typical of many stone arch bridges built in Franklin County in the nineteenth century. Although few of the stone bridges which were built in Franklin County still stand, they are well documented in F. F. Unger's Old Bridges of Franklin County. The use of roughly coursed local limestone, the semi-pyramidal piers and the roughly cut thin limestone coping are typical of Franklin County bridges built prior to 1860. The Horse Valley Bridge is cited in Unger's descriptions on "the old state route from Upper Strasburg to Fannetsburg". The three arches of this bridge are extremely small, measuring 16 feet each.

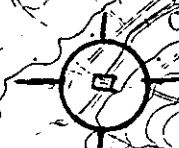
Area of Significance: Enginnering.

Boundary Description: The nominated property consists of a 75 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.



L.A. 28093 over Conococheague Creek  
 S-33: Horse Valley Bridge  
 Franklin County  
 Zone B  
 E 264666 N4438500  
 Fannettsburg Road



4443  
 280 000  
 FEET  
 4442  
 4441  
 5'  
 4440  
 4439  
 STATE ROUTE 76  
 (ROXBURY)  
 5464 11 SW

Pennsylvania D.O.T. Owned Highway Bridges  
 Horse Valley Bridge  
 S-33