

Part of
Covered Bridges of Adams, Cumberland, and
Perry Counties TR

Available at the National Park Service website
<http://www.nr.nps.gov/nrcover.htm>

38-01-08 **Name:** Jack's Mountain Covered Bridge
Location: L.R. 01053 Hamiltonban Township
UTM: Zone 18 **N** 4404420 **E** 295540 **Acreage:**
Owner: Pennsylvania Department of Transportation
Commonwealth of Pennsylvania

Stream: Tom's Creek
Truss Type: Burr
Builder: Joseph Smith
Year: 1890

$$(75' + 20') \times (14.5' + 10') =$$
$$95' \times 24.5' = 2327.5 \div 43,560 = .05$$

End Post to
End Post Length: 75 ft
Clearance: 13 ft 11 in

Road Surface
Width: 14 ft 6 in
Load: 2 tons

Distinguishing Features:

Jacks Mountain Bridge has horizontal narrow siding, stone abutments and wide, longitudinally laid plank flooring. Its gable roof is tin covered and its burr trusses reach almost to eave level. This bridge appears to be in excellent condition.

Condition:

Still in use

7. Description

Condition		Check one	Check one
<input type="checkbox"/> excellent	<input type="checkbox"/> deteriorated	<input type="checkbox"/> unaltered	<input checked="" type="checkbox"/> original site
<input checked="" type="checkbox"/> good	<input type="checkbox"/> ruins	<input checked="" type="checkbox"/> altered	<input type="checkbox"/> moved date _____
<input checked="" type="checkbox"/> fair	<input type="checkbox"/> unexposed		

Describe the present and original (if known) physical appearance

Only 17 covered bridges remain in the counties of Adams, Cumberland and Perry. The earliest of these is the Sauk's Bridge (38-01-01) of Adams County, this is also the only Town truss bridge of the group.

No overall regional characteristics are evident with a variety of siding, flooring and portals present. Because this is only a small remnant of the original number of bridges (except Perry County) it is impossible to ascertain any patterns in style or design.

The Rice bridge of Perry County displays a unique combination of Queen-posts and Burr arch. This is the only bridge of this type in Pa., however others may have existed but are now destroyed.

<u>Adams County</u>	<u>Number</u>	<u>Year</u>	<u>Type</u>	<u>Length</u>	
Sauk's	38-01-01	1854	Town	100'	
Jacks Mountain	38-01-08	1890	Burr	75'	
Conewago Chapel	38-01-10	1899	Burr	98'	
Heikes	38-01-14	1892	Burr	67'	
Kuhn's Fording*	38-01-12	1882	Burr	228'	2 spans
Anderson's Farm*	38-01-05		Burr	70'	
 <u>Cumberland County</u>					
Thompson*	38-21-10	1853	Burr	149'	
Ramp	38-21-11	1882	Burr	136'	
Bowmansdale*	38-21-13	(1973) 1867	Burr	112'	
 <u>Perry County</u>					
Bistline	38-50-03	1871	Burr	96'	
Adairs	38-50-04	1864(1919)	Burr	150'	2 spans
Red	38-50-06	1886	MK-QP	45'	
Saville	38-50-07	1903	Burr	60'	
Kochendefer	38-50-09	1919	MK-QP	60'	
Rice	38-50-10	1869	QP-Burr	123'	
New Germantown	38-50-11	1891	MK-QP	74'	
Mt. Pleasant	38-50-12	1918	MK-QP	73'	
Book's	38-50-13	1884	Burr	70'	
Waggoner	38-50-15	1889	Burr	74'	
Dellville	38-50-16	1889	Burr	174'	3 spans
Fleisher	38-50-17	1887	Burr	113'	
Clays*	38-50-18		Burr	74'	

*Not nominated, included only for comparison

9. Major Bibliographical References

County Bridge Records
PHMC Covered Bridge Survey 1979
Allen, Richard Sanders. Covered Bridges of the Middle Atlantic States.
Brattleboro, VT: Stephen Greene Press, 1959, p. 61-71, 72.

10. Geographical Data

Acreage of nominated property 1.01

Quadrangle name _____

Quadrangle scale 1:24,000

UMT References See continuation sheets

A

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Zone Easting Northing

B

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Zone Easting Northing

C

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D

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E

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F

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G

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H

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Verbal boundary description and justification

See Continuation Sheet

List all states and counties for properties overlapping state or county boundaries

state code county code

state code county code

11. Form Prepared By

name/title Susan M. Zacher

organization PHMC date _____

street & number Box 1026 telephone 717-787-4363

city or town Harrisburg state Pennsylvania

12. State Historic Preservation Officer Certification

The evaluated significance of this property within the state is:

national state local

As the designated State Historic Preservation Officer for the National Historic Preservation Act of 1966 (Public Law 89-665), I hereby nominate this property for inclusion in the National Register and certify that it has been evaluated according to the criteria and procedures set forth by the Heritage Conservation and Recreation Service.

State Historic Preservation Officer signature Ed Weintraub

title ED WEINTRAUB, Director
Office of Historic Preservation date 3/10/80

For HCRS use only
I hereby certify that this property is included in the National Register

Keeper of the National Register

Attest: _____ date _____

Chief of Registration

COVERED BRIDGE SURVEY

ADAMS COUNTY

NO. 38-01-08

1. NAME: Jacks Mountain
 2. LOCATION: On L.R. 01053 in Hamiltonban Twp. about 2 miles
Southwest of Fairfield.
 3. CREEK: TOMS CREEK
 4. OWNERSHIP: Commonwealth of Pennsylvania
 5. CONSTRUCTED: Unknown
 6. A. TRUSSING SYSTEM: Burr Truss
 - B. NUMBER OF SPANS: 1
 - C. LENGTH: 75'
 - D. WIDTH: 14'-6"
 - E. LOAD CAPACITY: 2 Tons
 - F. HEIGHT: 13'-11"
 - G. TYPE OF DECK: Timber Plank
 - H. CONDITION: Fair - Good
 7. BRIDGE NUMBER: No County Bridge Number
-

001248

NATIONAL REGISTER
9. HISTORICAL DATA

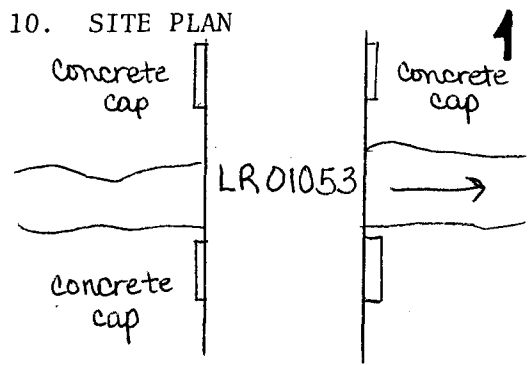
PENNSYLVANIA HISTORIC RESOURCE SURVEY FORM
Bureau for Historic Preservation
PA Historical & Museum Commission

Box 1026
Harrisburg, PA 17120

1. County Adams
2. Municipality Hamiltonban Twp.
3. Structure No. 1011210190531010111724
4. Survey Code
5. Present Name L.R. 01053
6. Other name (historic name if any) Jacks Mountain Bridge
7. Crossing L.R. 01053 over Toms Creek

8. USGS QUAD. Iron Springs
UTM's: Zone
E 2 9 5 4 . 6
N 4 4 0 4 4 . 2
E
N

Designer/Engineer:
Builder/Contractor:
Bridge Company:



Date(s): 1890 ; basis PaDOT- General Inventory Data
1890 ; basis Bridge sign*
; basis
; basis
Use: Vehicular present; Vehicular original.

11. INTEGRITY
altered; _____
X unaltered; _____
moved; _____

12. VIEW Side no. 28



Explain:

13. COMMENTS
Unusual features:
Good condition; all wood deck; curved deck; vertical truss end members slightly diagonal

Locale/environment: Rural
Machinery (describe/identify type/equipment):

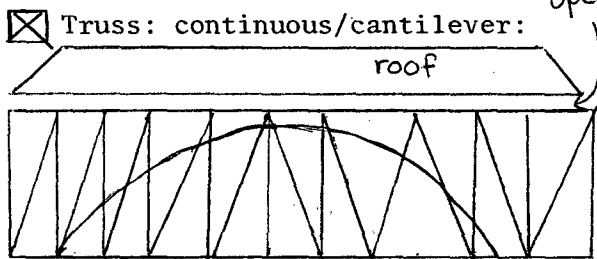
14. DIMENSIONS
spans: 1 no., 75 ft. 0/A
main: 1 no., 64 ft.
secondary: no., ft.
approach: no., ft.
piers: no.
towers: no., ft.

15. TYPE

10

CHARACTERISTICS

50



Truss: continuous/cantilever:

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

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)

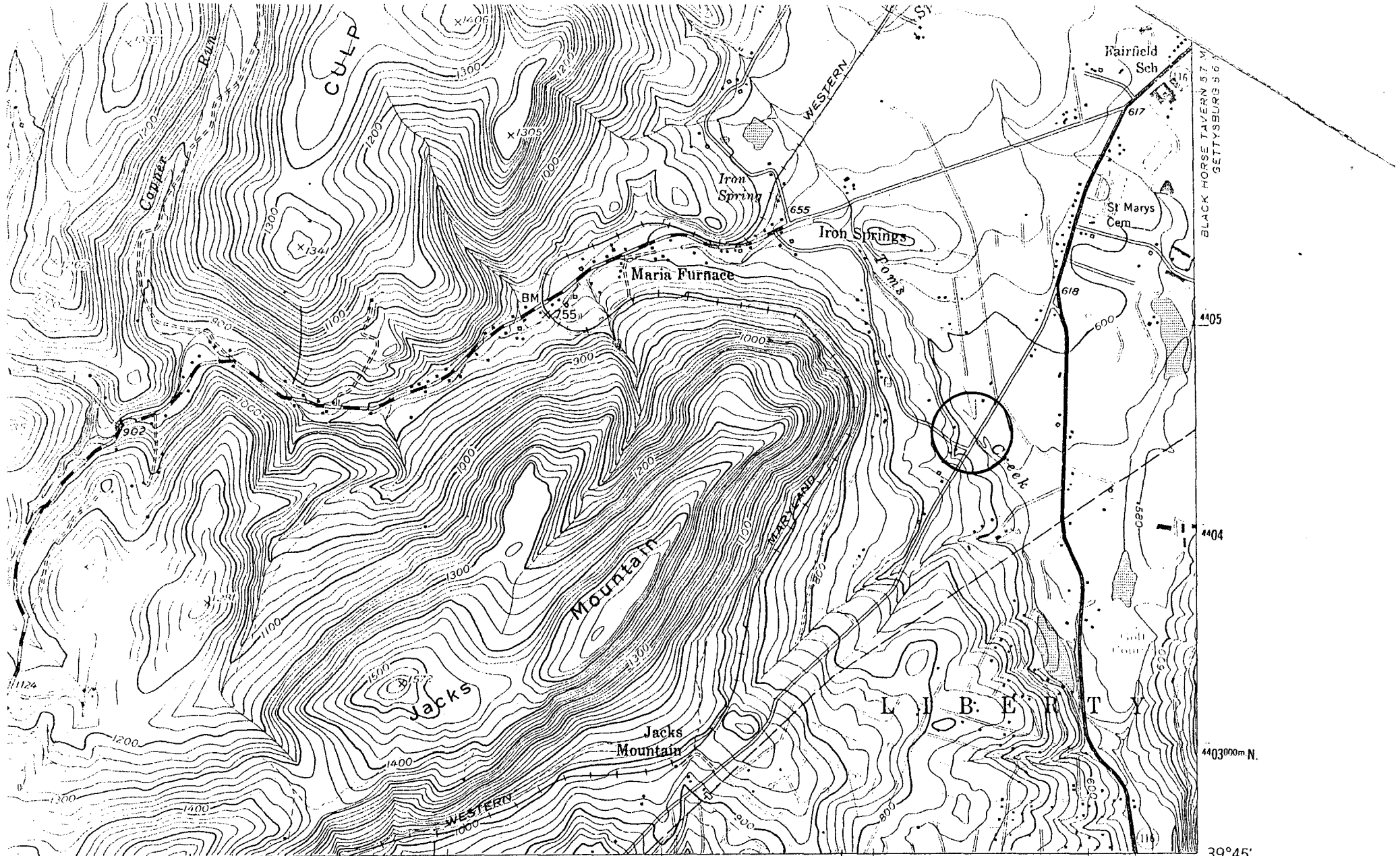
04

01

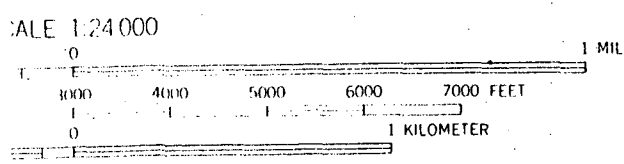
Superstructure	type	treatment/finish	source
main span:	<u>timber</u>	<u>covered</u>	_____
towers:	_____	_____	_____
railings:	_____	_____	_____
Substructure			
piers:	_____	_____	_____
abutments:	<u>stone</u>	<u>coarse; irregular</u>	_____
wings:	<u>stone</u>	<u>coarse; irregular</u>	_____
intrados/ribs:	_____	_____	_____
voussiors:	_____	_____	_____

17. PHOTO NO's. 08-09 (27-31)

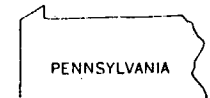
18. PREPARED BY: Patricia A. Remy
 AGENCY/ORGANIZATION: PaDOT
 ; DATE: 8/10/82



RIDGE SUMMIT) 5563 III NW
 292 25 293 294 295000 E
 39°45' 77°22'30"



R INTERVAL 20 FEET
 IS MEAN SEA LEVEL



ROAD CLASSIFICATION
 Heavy-duty ——— Light-duty ———
 Medium duty - - - - - Unimproved dirt - - - - -
 ○ State Route

IRON SPRINGS, PA.

(EMMITSBURG)
 5563 III NE