

Part of
Lawrence County Covered Bridges TR

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

36-37-01 **Name:** McConnell's Mill Covered Bridge
Location: T415 Slippery Rock Township
UTM: Zone 17 **N** 4533640 **E** 569820 **Acrcage:**
Owner: Lawrence County

Stream: Slippery Rock Creek
Truss Type: Howe
Builder:
Year: 1874

End Post to
End Post Length: 96.5 ft
Clearance: 10 ft

Road Surface
Width: 15 ft
Load: 5 tons

Distinguishing Features: McConnell's Mill Bridge is one of four remaining covered bridges in Pennsylvania to use the Howe Truss, and is the longest of these four. In good condition, this bridge has a gable roof, vertical plank siding and no window openings.

Condition: Good

United States Department of the Interior
Heritage Conservation and Recreation Service

| |
|-------------------|
| For NCRS use only |
| received |
| date entered |

National Register of Historic Places
Inventory—Nomination Form

See instructions in *How to Complete National Register Forms*
Type all entries—complete applicable sections

1. Name

historic LAWRENCE COUNTY COVERED BRIDGES THEMATIC RESOURCE

and/or common

2. Location

street & number _____ not for publication

city, town _____ vicinity of _____ congressional district _____

state Pennsylvania code 42 county Lawrence code 073

3. Classification

| | | | | |
|--------------------------------------|-------------------------------------------|--------------------------------------------|----------------------------------------|--------------------------------------------|
| Category | Ownership | Status | Present Use | |
| <input type="checkbox"/> district | <input type="checkbox"/> public | <input type="checkbox"/> occupied | <input type="checkbox"/> agriculture | <input type="checkbox"/> museum |
| <input type="checkbox"/> building(s) | <input type="checkbox"/> private | <input type="checkbox"/> unoccupied | <input type="checkbox"/> commercial | <input type="checkbox"/> park |
| <input type="checkbox"/> structure | <input type="checkbox"/> both | <input type="checkbox"/> work in progress | <input type="checkbox"/> educational | <input type="checkbox"/> private residence |
| <input type="checkbox"/> site | Public Acquisition | Accessible | <input type="checkbox"/> entertainment | <input type="checkbox"/> religious |
| <input type="checkbox"/> object | <input type="checkbox"/> in process | <input type="checkbox"/> yes: restricted | <input type="checkbox"/> government | <input type="checkbox"/> scientific |
| | <input type="checkbox"/> being considered | <input type="checkbox"/> yes: unrestricted | <input type="checkbox"/> industrial | <input type="checkbox"/> transportation |
| | | <input type="checkbox"/> no | <input type="checkbox"/> military | <input type="checkbox"/> other: |

4. Owner of Property

name Lawrence County, Lawrence County Commissioners

street & number Court Street, Lawrence County Courthouse

city, town New Castle _____ vicinity of _____ state Pennsylvania 16101

5. Location of Legal Description

courthouse, registry of deeds, etc. Lawrence County Courthouse

street & number Court Street

city, town New Castle _____ state Pennsylvania

6. Representation in Existing Surveys

title Pennsylvania Inventory
Of Historic Places

has this property been determined eligible? yes no

date _____ federal state _____ county _____ local

depository for survey records Pennsylvania Historical & Museum Commission

city, town Harrisburg _____ state Pennsylvania

9. Major Bibliographical References

County Bridge Records, Lawrence County Courthouse.

Allen, Richard Sanders. Covered Bridges of the Middle Atlantic States. Brattleboro, VT: Stephen Greene Press, 1959, p. 73-79.

10. Geographical Data

Acreage of nominated property .14

Quadrangle name _____

Quadrangle scale 1:24,000

UMT References

McConnell's Mill, Portersville, Pa.

A

| | | |
|------|---------|----------|
| 17 | 569820 | 4533640 |
| Zone | Easting | Northing |

Bank's, New Castle North, Pa. Quad

B

| | | |
|------|---------|----------|
| 17 | 559960 | 4548840 |
| Zone | Easting | Northing |

C

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Verbal boundary description and justification Acreage is calculated by adding 20' to each length and 10' to each width to include abutments.

A: $(96.5' + 20') \times (15' + 10') = 116.5' \times 25' = 2912.5 \div 43,560 = .06$

B: $(121' + 20') \times (15' + 10') = 141' \times 25' = 3525 \div 43,560 = .08$

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 December 11, 1979

street & number Box 1026

telephone 717-783-8947

city or town Harrisburg

state Pennsylvania 17120

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, Director

title Office of Historic Preservation

date 3/10/80

For HCRS use only

I hereby certify that this property is included in the National Register

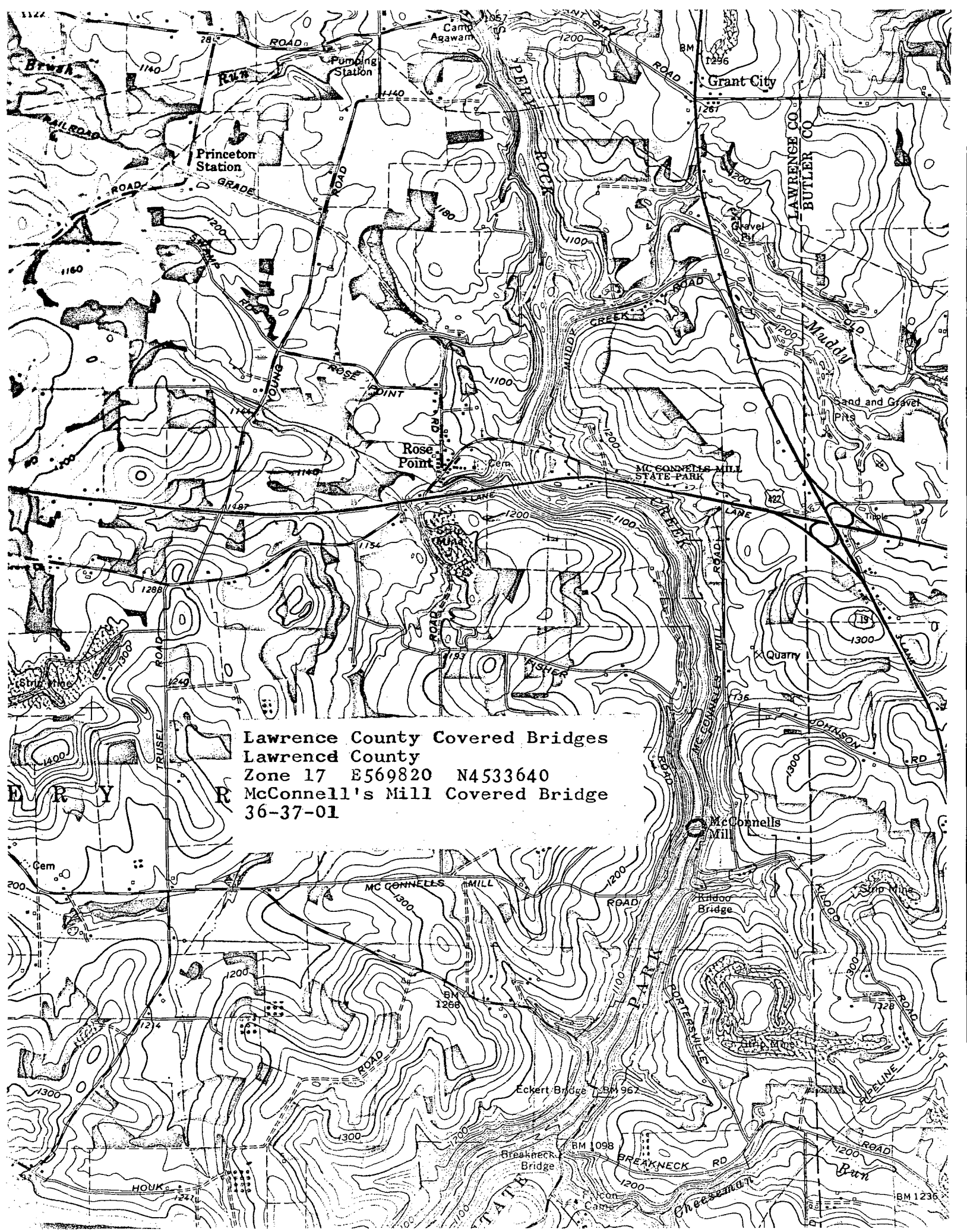
date

Keeper of the National Register

Attest:

date

Chief of Registration



Lawrence County Covered Bridges
Lawrence County
Zone 17 E569820 N4533640
McConnell's Mill Covered Bridge
36-37-01

11422

Brush

Princeton Station

Camp Agawam

Grant City

LAWRENCE CO.
BUTLER CO.

Rose Point

MC CONNELLS MILL
STATE PARK

Muddy

Sand and Gravel
Pits

Fisher

Quarry

JOHNSON

McConnell's
Mill

MC CONNELLS MILL

Bridge
Bridge

Strip Mine

Eckert Bridge

Breakneck
Bridge

BREAKNECK RD

PIPELINE

HOUK

BM 1236

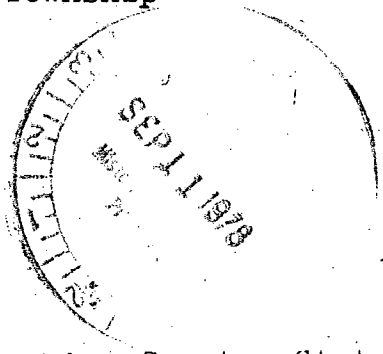
COVERED BRIDGE SURVEY

N 4533640
E 569820

1. Name of Bridge: McConnell's Mill
2. Location (Route number, Township or Borough):

T-415 - Slippery Rock Township

3. Creek located on:
Slippery Rock



4. Ownership (Borough/Township, County, State):
County of Lawrence

5. Construction date (circa) and builder, if known:

1874
Builder unknown

6. Specifics: Cursory inspection attached

Trussing system:
Number of spans:
length:
width:
load capacity:
height:
type of deck:
condition:

7. Bridge number if corresponds with World Guide to Covered Bridges:

Unknown

P.S. If photo is available, please send also.

CURSORY BRIDGE INSPECTION

Date 1/31/78 Inspector Frank B. Taylor Engineering
Bridge #20 McConnell's Mill Bridge, T-415 over the Slippery Rock Creek
Year Built 1874 Location Slippery Rock Township
Span 96.5' Skew 90°
Type Covered Truss and Steel Grider

SUBSTRUCTURE

Abutments Stone - Good Condition
Wing Walls Stone - Good Condition
Piers N/A
Bearing/Foundation Good

SUPERSTRUCTURE

Stringers Steel - Good
Girders or Beams Steel - Good. Minor rusting
Deck Timber planks of various sizes. General condition good.
Sidewalk N/A

Truss:

Floors Beams Steel - Good
and bolts
Pins ~~XXXXXX~~ Good condition.
Timber
~~XXXXXX~~ Planges or Chords Good condition
Webs or Diagonals Steel - Good.
Counters Timber - Good
Sway Bracing Timber siding - Good.
Portals Good condition. Roof - Good. Paint peeling under-
side roof sheathing.
Bearings N/A
Parapet N/A

CURSORY BRIDGE INSPECTION

Railing/Wheel Guard Wood - Good

Superstructure Drainage Good

GENERAL

Approaches Good

Waterway Opening Adequate

Roadway Clear 12' - 10'

Posting 5 ton (see comments)

Scour None

Miscellaneous Comments:

This bridge is in generally good condition and safe under the present five-ton load limit.

However, the five-ton load limit signs are posted at the top of the bridge and are not readily seen.

There are no vertical clearance signs.

RECOMMENDATIONS: The weight limit signs should be posted where they are more visible using the regulation metal signs which should be placed several feet from the bridge approach.

Vertical clearance signs of ten (10) feet should be posted at the bridge.

The five-ton load limit signs, with bridge indicated, should be installed at the intersections of T-514 and T-415 so that those vehicles exceeding that weight limit may use an alternate route since there is no way for the overweight vehicles to turn at the bridge entrances.

The inside of the bridge is covered with graffiti.

This span should be placed on a two-year inspection schedule.

When repairs are indicated, a request to the County Historical Society could aid in funding.