

UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

FOR NPS USE ONLY
RECEIVED JUN 16 1977
DATE ENTERED DEC 16 1977

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 **
Warrington Stone Bridge (Bridge Number 11 K)
AND/OR COMMON

2 LOCATION

STREET & NUMBER
Warrington - Hainesburg Road
CITY, TOWN
Knowlton Township
STATE
New Jersey
CODE
34
COUNTY
Warren
CODE
041
CONGRESSIONAL DISTRICT
13th
VICINITY OF

3 CLASSIFICATION

| CATEGORY | OWNERSHIP | STATUS | PRESENT USE |
|---|---|---|--|
| <input type="checkbox"/> DISTRICT | <input checked="" type="checkbox"/> PUBLIC | <input checked="" type="checkbox"/> OCCUPIED | <input type="checkbox"/> AGRICULTURE |
| <input type="checkbox"/> BUILDING(S) | <input type="checkbox"/> PRIVATE | <input type="checkbox"/> UNOCCUPIED | <input type="checkbox"/> COMMERCIAL |
| <input checked="" type="checkbox"/> STRUCTURE | <input type="checkbox"/> BOTH | <input type="checkbox"/> WORK IN PROGRESS | <input type="checkbox"/> EDUCATIONAL |
| <input type="checkbox"/> SITE | <input type="checkbox"/> PUBLIC ACQUISITION | <input type="checkbox"/> ACCESSIBLE | <input type="checkbox"/> ENTERTAINMENT |
| <input type="checkbox"/> OBJECT | <input type="checkbox"/> IN PROCESS | <input checked="" type="checkbox"/> YES: RESTRICTED | <input type="checkbox"/> GOVERNMENT |
| | <input type="checkbox"/> BEING CONSIDERED | <input type="checkbox"/> YES: UNRESTRICTED | <input type="checkbox"/> INDUSTRIAL |
| | | <input type="checkbox"/> NO | <input checked="" type="checkbox"/> TRANSPORTATION |
| | | | <input type="checkbox"/> MILITARY |
| | | | <input type="checkbox"/> MUSEUM |
| | | | <input type="checkbox"/> PARK |
| | | | <input type="checkbox"/> PRIVATE RESIDENCE |
| | | | <input type="checkbox"/> RELIGIOUS |
| | | | <input type="checkbox"/> SCIENTIFIC |
| | | | <input type="checkbox"/> OTHER: |

4 OWNER OF PROPERTY

NAME
Office of the County Engineer
County of Warren
STREET & NUMBER
Court Street
CITY, TOWN
Belvidere
STATE
New Jersey
07823
VICINITY OF

5 LOCATION OF LEGAL DESCRIPTION

COURTHOUSE,
REGISTRY OF DEEDS, ETC.
Same as #4
STREET & NUMBER

6 REPRESENTATION IN EXISTING SURVEYS

TITLE
New Jersey Historic Sites Inventory
DATE
Summer, 1976
DEPOSITORY FOR
SURVEY RECORDS
Historic Sites Office, Department of Environmental Protection
CITY, TOWN
Trenton
STATE
New Jersey

7 DESCRIPTION

CONDITION

EXCELLENT DETERIORATED
 GOOD RUINS
 FAIR UNEXPOSED

CHECK ONE

UNALTERED
 ALTERED

CHECK ONE

ORIGINAL SITE
 MOVED DATE _____

DESCRIBE THE PRESENT AND ORIGINAL (IF KNOWN) PHYSICAL APPEARANCE

The Warrington Bridge is a stone bridge with six arches over the Paulins Kill at Warrington. While the bridge stonework is random the barrel vaulted arches have voussoirs. Probably built around mid-19th century the stone wing walls are capped by concrete slabs which are noted as being applied in 1915 (Date is etched into the concrete). The stone piers are concrete faced and estimated to have been so covered in the first quarter of the 20th century, possibly when the wing walls were capped.

While in overall good structural condition small segments of the bridge have apparently been replaced as these portions are cobblestone.

The overall length of the Warrington Bridge is 183'3", but the length of the original portion is only about 150 feet. The width of the bridge is 16 foot with a 13 foot roadway. The six spans are, from west to east, 19'7", 21'8", 23', 23'5", 20'8" and 17'3" wide. From the crown of the arches to the average water level is a range of 7'6" to nearly 11 feet. The bridge capacity is approximately ten tons.

8 SIGNIFICANCE

| PERIOD | AREAS OF SIGNIFICANCE -- CHECK AND JUSTIFY BELOW | | | | |
|---|--|---|---|--|--|
| <input type="checkbox"/> PREHISTORIC | <input type="checkbox"/> ARCHEOLOGY-PREHISTORIC | <input type="checkbox"/> COMMUNITY PLANNING | <input type="checkbox"/> LANDSCAPE ARCHITECTURE | <input type="checkbox"/> RELIGION | |
| <input type="checkbox"/> 1400-1499 | <input type="checkbox"/> ARCHEOLOGY-HISTORIC | <input type="checkbox"/> CONSERVATION | <input type="checkbox"/> LAW | <input type="checkbox"/> SCIENCE | |
| <input type="checkbox"/> 1500-1599 | <input type="checkbox"/> AGRICULTURE | <input type="checkbox"/> ECONOMICS | <input type="checkbox"/> LITERATURE | <input type="checkbox"/> SCULPTURE | |
| <input type="checkbox"/> 1600-1699 | <input type="checkbox"/> ARCHITECTURE | <input type="checkbox"/> EDUCATION | <input type="checkbox"/> MILITARY | <input type="checkbox"/> SOCIAL/HUMANITARIAN | |
| <input type="checkbox"/> 1700-1799 | <input type="checkbox"/> ART | <input type="checkbox"/> ENGINEERING | <input type="checkbox"/> MUSIC | <input type="checkbox"/> THEATER | |
| <input checked="" type="checkbox"/> 1800-1899 | <input type="checkbox"/> COMMERCE | <input type="checkbox"/> EXPLORATION/SETTLEMENT | <input type="checkbox"/> PHILOSOPHY | <input checked="" type="checkbox"/> TRANSPORTATION | |
| <input type="checkbox"/> 1900- | <input type="checkbox"/> COMMUNICATIONS | <input type="checkbox"/> INDUSTRY | <input type="checkbox"/> POLITICS/GOVERNMENT | <input type="checkbox"/> OTHER (SPECIFY) | |
| | | <input type="checkbox"/> INVENTION | | | |

SPECIFIC DATES

BUILDER/ARCHITECT

STATEMENT OF SIGNIFICANCE

TRANSPORTATION

The Warrington Stone Bridge is the largest extant 19th century stone arch bridge in New Jersey. With its superlative six barrel arches the bridge is obviously one of the most graceful and geometrically correct stone arch bridges in the state.

Earliest America bridges, where single timbers were not sufficient to stretch from bank to bank, were short spans supported on piles. These wooden bridges were relatively inexpensive to build and required limited expertise, but also had a limited duration, perhaps lasting from ten to thirty years. A stone bridge, in contrast, could be expected to survive at least fifty years.

Stone bridges are by their very nature strong, lasting, and need little or no maintenance. The stone bridge, however, also took a concerted effort to build. Consequently, when a stone bridge was erected its long term advantages were usually carefully weighed against the necessary added initial expense and the incurred delay in construction.

While the small streams were relatively simple to span and required minimal engineering and building skills, a wider river, such as the Paulins Kill, presented a formidable obstacle to early American masons.

The task of building the Warrington Bridge was made easier because of the shallowness of the stream, but it was nonetheless a substantial feat of 19th century masonry engineering as performed by local contractors.

Probably built around the middle of the 19th century the survival of this bridge today attests to the competence of its builders (as well as the relative isolation of its location).

9 MAJOR BIBLIOGRAPHICAL REFERENCES

(see attached)

10 GEOGRAPHICAL DATA

ACREAGE OF NOMINATED PROPERTY not applicable

133.3' LONG x 16' WIDE 1924

UTM REFERENCES

| | | | | | | | |
|---|------|---------|----------|---|------|---------|----------|
| A | 18 | 493670 | 4531120 | B | | | |
| | ZONE | EASTING | NORTHING | | ZONE | EASTING | NORTHING |
| C | | | | D | | | |

VERBAL BOUNDARY DESCRIPTION

LIST ALL STATES AND COUNTIES FOR PROPERTIES OVERLAPPING STATE OR COUNTY BOUNDARIES

| STATE | CODE | COUNTY | CODE |
|-------|------|--------|------|
| | | | |
| | | | |

11 FORM PREPARED BY

NAME / TITLE

Terry Karschner, Historian-Curator

ORGANIZATION

Historic Sites Office, Dept. of Environmental Protection

DATE

November, 1976

STREET & NUMBER

P. O. Box 1420

TELEPHONE

(609)-292-2023

CITY OR TOWN

Trenton

STATE

New Jersey

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 National Park Service.

STATE HISTORIC PRESERVATION OFFICER SIGNATURE

David J. Burt

TITLE

Commissioner, Dept. of Environmental Protection

DATE

MAR 20 1977

FOR NPS USE ONLY

I HEREBY CERTIFY THAT THIS PROPERTY IS INCLUDED IN THE NATIONAL REGISTER

| | | |
|--|--|------------------|
| ATTEST: <i>Charles [Signature]</i> [Signature] | DIRECTOR, OFFICE OF ARCHITECTURE AND HISTORIC PRESERVATION | DATE 12/16/77 |
| | KEEPER OF THE NATIONAL REGISTER | DATE 12-15-77 |

**NATIONAL REGISTER OF HISTORIC PLACES
INVENTORY - NOMINATION FORM**

(Continuation Sheet)

| | |
|------------------|------|
| STATE | |
| COUNTY | |
| FOR NPS USE ONLY | |
| ENTRY NUMBER | DATE |
| DEC 16 1977 | |

(Number all entries)

BIBLIOGRAPHY

Bridges: The Spans of North America.
David Plowden, New York, 1974.

American Building Art: The 19th Century.
Carl W. Condit, New York, 1960.

Early Architecture of Warren County
Dennis Bertland, 1976. (p.166).

History of Sussex and Warren Counties, New Jersey
James P. Snell, Philadelphia, 1881

Historical Sites of Warren County.
Warren County Board of Chosen Freeholders.
Alpha, New Jersey, 1965.

County Engineers Report on Bridge Number 11K, Knowlton Township,
Warren County, Dated 1919, revised 1931, 1949.

Warrington Stone Bridge
Knowlton Township
Warren County
New Jersey 034

