

Maryland Historical Trust

Maryland Inventory of Historic Properties number: HA-1885

Name: My Branch Rd over Deer Creek

The bridge referenced herein was inventoried by the Maryland State Highway Administration as part of the Historic Bridge Inventory, and SHA provided the Trust with eligibility determinations in February 2001. The Trust accepted the Historic Bridge Inventory on April 3, 2001. The bridge received the following determination of eligibility.

MARYLAND HISTORICAL TRUST	
Eligibility Recommended _____	Eligibility Not Recommended <u>X</u>
Criteria: <u>  </u> A <u>  </u> B <u>  </u> C <u>  </u> D	Considerations: <u>  </u> A <u>  </u> B <u>  </u> C <u>  </u> D <u>  </u> E <u>  </u> F <u>  </u> G <u>  </u> None
Comments: _____ _____ _____	
Reviewer, OPS: <u>Anne E. Bruder</u>	Date: <u>3 April 2001</u>
Reviewer, NR Program: <u>Peter E. Kurtze</u>	Date: <u>3 April 2001</u>

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Maryland Inventory of Historic Properties  
Historic Bridge Inventory  
Maryland State Highway Administration  
Maryland Historical Trust

MHT Number HA-1885

Name and SHA No. H 117 over Deer Creek

**Location:**

Street/Road Name and Number: Dry Branch Road over Deer Creek

City/Town: Shawsville Vicinity X

County: Harford

Ownership: State X County    Municipal    Other   

This bridge projects over:    Road    Railway X Water    Land   

Is the bridge located within a designated district:    yes X no

   NR listed district    NR determined eligible district

   locally designated    other

Name of District \_\_\_\_\_

**Bridge Type:**

   Timber Bridge

   Beam Bridge    Truss-Covered    Trestle

   Timber-and-Concrete

   Stone Arch

   Metal Truss

   Movable Bridge

   Swing    Bascule Single Leaf    Bascule Multiple Leaf

   Vertical Lift    Retractable    Pontoon

X Metal Girder

X Rolled Girder    Rolled Girder Concrete Encased

   Plate Girder    Plate Girder Concrete Encased

   Metal Suspension

   Metal Arch

Metal Cantilever

Concrete

Concrete Arch  Concrete Slab  Concrete Beam

Rigid Frame

Other Type Name \_\_\_\_\_

**Description:**

**Describe Setting:**

Bridge H 117 carries Dry Branch Road east-west over Deer Creek in Harford County, Maryland. The approaches to the bridge are level and on a horizontal curve. There is a private entrance on the south side of the roadway 20' from the west abutment. There are no traffic barriers on the approaches. Steam flow is directed thru the west half of the bridge opening and along the west abutment.

**Describe Superstructure and Substructure:**

Bridge H 117, built in 1940, is a single span steel beam bridge 25' long, composed of 7 steel stringers. This structure has a timber deck 15.9' wide with clear roadway width of 15.3'. The timber deck is attached to timber nailing boards adjacent to stringers 1, 3, 5, and 7, and was replaced between 1991 and 1993. The substructure consists of concrete stub abutments. The railing is a W-beam traffic barrier which terminates with blunt ends.

This structure is in poor condition. The downstream exterior stringer and all interior stringers have severe corrosion with 3/16" measured loss of top and bottom flange thickness at midspan and at the supports. The steel bearing plates are severely corroded. Both the east and west abutment sound hollow when struck with a hammer. The upstream and downstream wingwalls of the east abutment are broken away from the abutment and have an outward displacement of 3/4"± and 6", respectively.

**Discuss Major Alterations:**

There have been no known alterations.

**History:**

**When Built:** 1940

**Why Built:** Local transportation needs.

**Who Built:** Unknown

**Why Altered:** Not Applicable

**Was this bridge built as part of an organized bridge building campaign:** Unknown

**Surveyor Analysis:**

**This bridge may have NR significance for association with:**

A Events  Person

**\_\_C Engineering/Architectural**

**Was this bridge constructed in response to significant events in Maryland or local history:**

This bridge was not constructed in response to significant Maryland or local events.

**When the bridge was built and/or given a major alteration, did it have a significant impact on the growth and development of the area?**

No known alterations have been made to this bridge. It is unlikely whether its construction is likely to have had an impact upon growth and development of an area.

**Is the bridge located in an area which may be eligible for historic designation and would the bridge add to or detract from historic and visual character of the possible district?**

No, this bridge is not located in an area which may be eligible for historic designation.

**Is the bridge a significant example of its type?**

No, this bridge is not a significant example of its type.

**Does the bridge retain integrity of the important elements described in the Context Addendum?**

This bridge does not retain its integrity as defined by the Context Addendum, as every primary character defining element is in poor condition.

**Should this bridge be given further study before significance analysis is made and Why?**

Further study of the bridge is unnecessary. An internal Determination of Eligibility form indicates that this bridge is not eligible for inclusion on the National Register of Historic Places.

**Bibliography:**

Greiner, Inc.  
 1995 Maryland Inventory of Historic Bridges.  
 Harford County  
 v.d. Harford County Bridge Inspection Files.  
 Martinet  
 1878 Map of Harford County.  
 Maryland Historical Trust  
 v.d. Internal Determination of National Register Eligibility Form.  
 Spero, P.A.C. & Company, and Louis Berger & Associates  
 1994 Historic Bridge Context: Historic Bridges in Maryland.

United States Geological Survey  
1952 7.5' Norrisville Quadrangle, 1974.

United States Geological Survey  
1902 15' Parkton Quadrangle.

Wright, C. Milton.

1967 Our Harford Heritage: A History of Harford County, Maryland.

**Surveyor:**

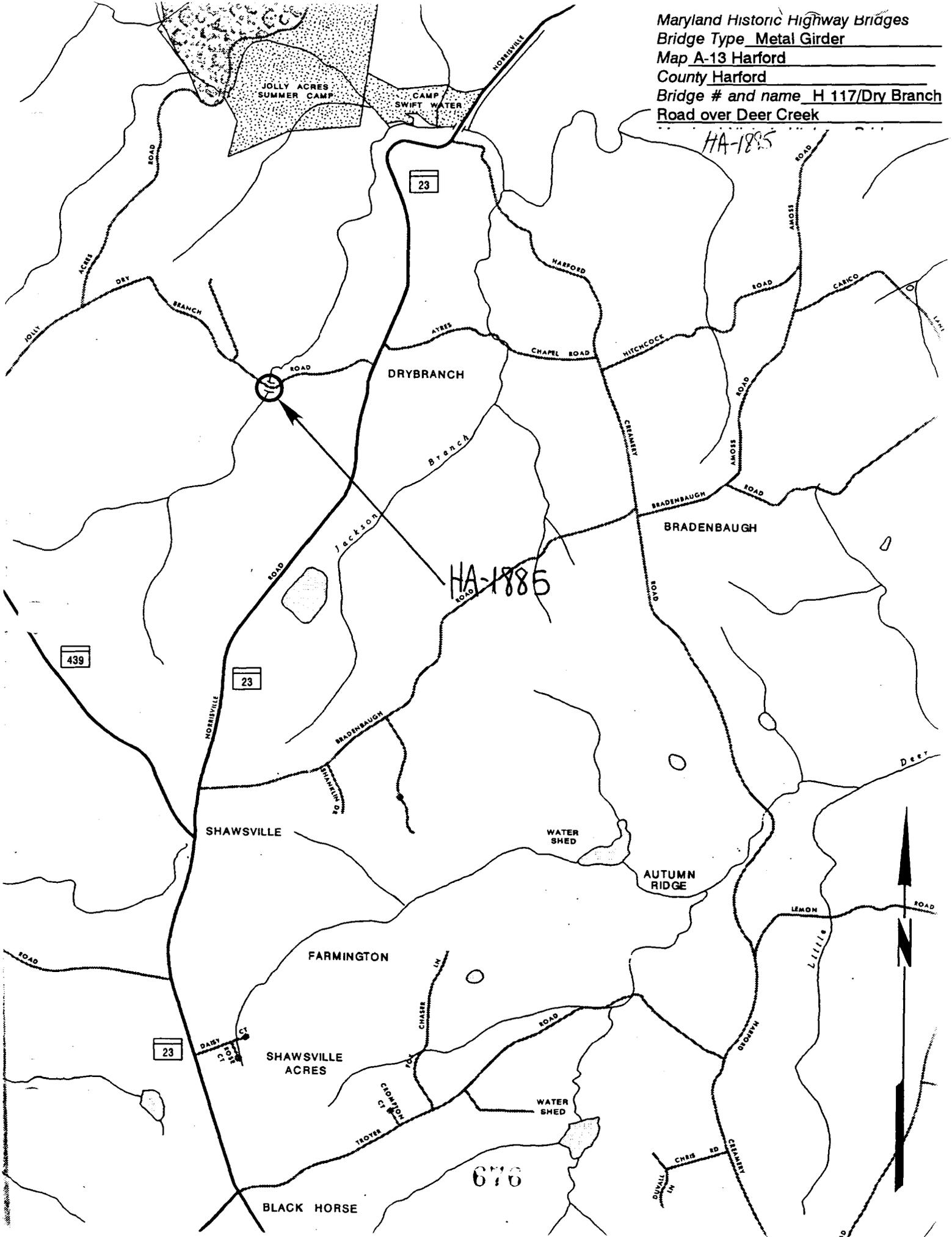
**Name:** Jason D. Moser **Date:** September 1995

**Organization:** State Highway Admin. **Telephone:** (410) 321-2213

**Address:** 2323 West Joppa Road Brooklandville, MD 21022

Maryland Historic Highway Bridges  
Bridge Type Metal Girder  
Map A-13 Harford  
County Harford  
Bridge # and name H 117/Dry Branch  
Road over Deer Creek

HA-1885





HA-1885

HARFORD COUNTY, MD

JOHN TARQUINO

25 JAN 1995

~~MARYLAND SHPO~~ SHA

- STATE BRIDGE NO. 1117 OVER  
DEER CREEK
- VIEW LOOKING NORTH ON  
DRY BRANCH RD

1/4



HA-1885

HARFORD COUNTY, MD

JOHN TARQUINIO

25 JAN 1995

~~MARYLAND SAPO~~ SNA

- STATE BRIDGE NO. H117 OVER  
DEER CREEK
- VIEW LOOKING SOUTH ON DRY  
BRANCH ROAD

2/4



HA-1885

HARFORD COUNTY, MD

JOHN TARQUINIO

25 JAN 1995

~~MARYLAND SHPO~~ SHA

- STATE BRIDGE NO. HIT OVER  
DEER CREEK
- VIEW LOOKING WEST

3/4



HA-1885

HARFORD COUNTY, MD

JOHN TARQUINIO

25 JAN 1995

~~MARYLAND, SHPO~~ SH/A

- STATE BRIDGE NO. 1117 OVER  
DEER CREEK
- VIEW LOOKING EAST

4/4

9301435

INDIVIDUAL PROPERTY/DISTRICT  
MARYLAND HISTORICAL TRUST  
INTERNAL NR-ELIGIBILITY REVIEW FORM

Property/District Name: Bridge #117, Harford County Survey Number: HA-1885

Project: Repl. Br. #117, Dry Branch Rd over trib Deer Cr. Agency: COE/Harford Co

Site visit by MHT Staff:  no  yes Name \_\_\_\_\_ Date \_\_\_\_\_

Eligibility recommended  Eligibility not recommended

Criteria:  A  B  C  D Considerations:  A  B  C  D  E  F  G  None

Justification for decision: (Use continuation sheet if necessary and attach map)

Based on available information, Bridge #117 does not appear to be individually eligible or to be located in any known historic district. The single span steel beam bridge was constructed in 1940. It is an extremely common bridge type. Hundreds of similar bridges remain throughout the state. The bridge does not have any engineering significance and is not known to be associated with any historic events.

Documentation on the property/district is presented in: Project file

Prepared by: \_\_\_\_\_

Elizabeth Hannold July 28, 1993  
Reviewer, Office of Preservation Services Date

NR program concurrence:  yes  no  not applicable  
R. Anderson 7-28-93  
Reviewer, NR program Date

DT

Survey No. HA-1275

MARYLAND COMPREHENSIVE HISTORIC PRESERVATION PLAN DATA - HISTORIC CONTEXT

I. Geographic Region:

- Eastern Shore (all Eastern Shore counties, and Cecil)
- Western Shore (Anne Arundel, Calvert, Charles, Prince George's and St. Mary's)
- Piedmont (Baltimore City, Baltimore, Carroll, Frederick, Harford, Howard, Montgomery)
- Western Maryland (Allegany, Garrett and Washington)

II. Chronological/Developmental Periods:

- Paleo-Indian 10000-7500 B.C.
- Early Archaic 7500-6000 B.C.
- Middle Archaic 6000-4000 B.C.
- Late Archaic 4000-2000 B.C.
- Early Woodland 2000-500 B.C.
- Middle Woodland 500 B.C. - A.D. 900
- Late Woodland/Archaic A.D. 900-1600
- Contact and Settlement A.D. 1570-1750
- Rural Agrarian Intensification A.D. 1680-1815
- Agricultural-Industrial Transition A.D. 1815-1870
- Industrial/Urban Dominance A.D. 1870-1930
- Modern Period A.D. 1930-Present
- Unknown Period (  prehistoric  historic)

III. Prehistoric Period Themes:

- Subsistence
- Settlement
- Political
- Demographic
- Religion
- Technology
- Environmental Adaption

IV. Historic Period Themes:

- Agriculture
- Architecture, Landscape Architecture, and Community Planning
- Economic (Commercial and Industrial)
- Government/Law
- Military
- Religion
- Social/Educational/Cultural
- Transportation

V. Resource Type:

Category: Structure

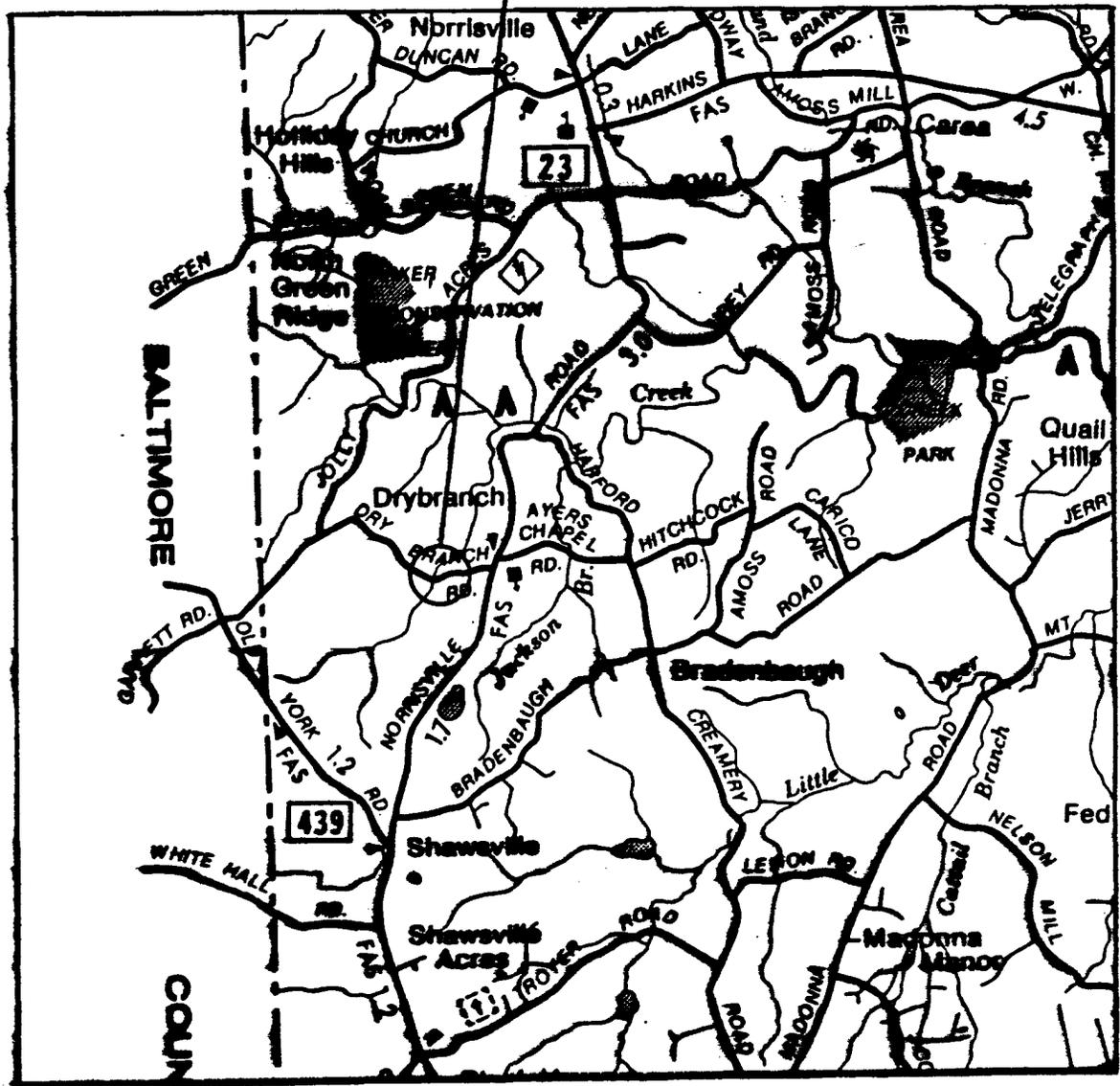
Historic Environment: Rural

Historic Function(s) and Use(s): Transportation

Known Design Source: \_\_\_\_\_

NA-1755

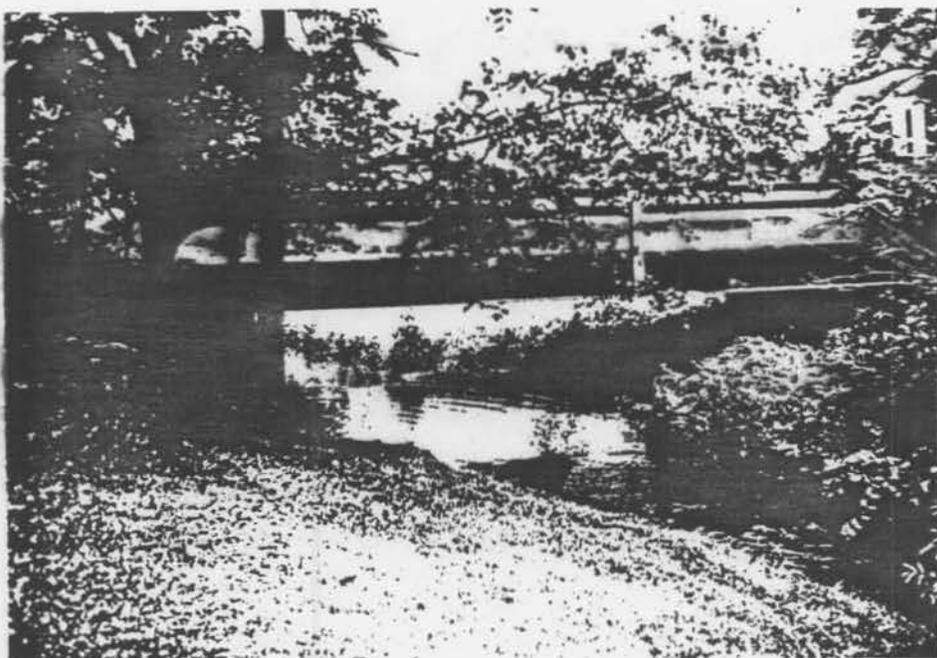
H-117



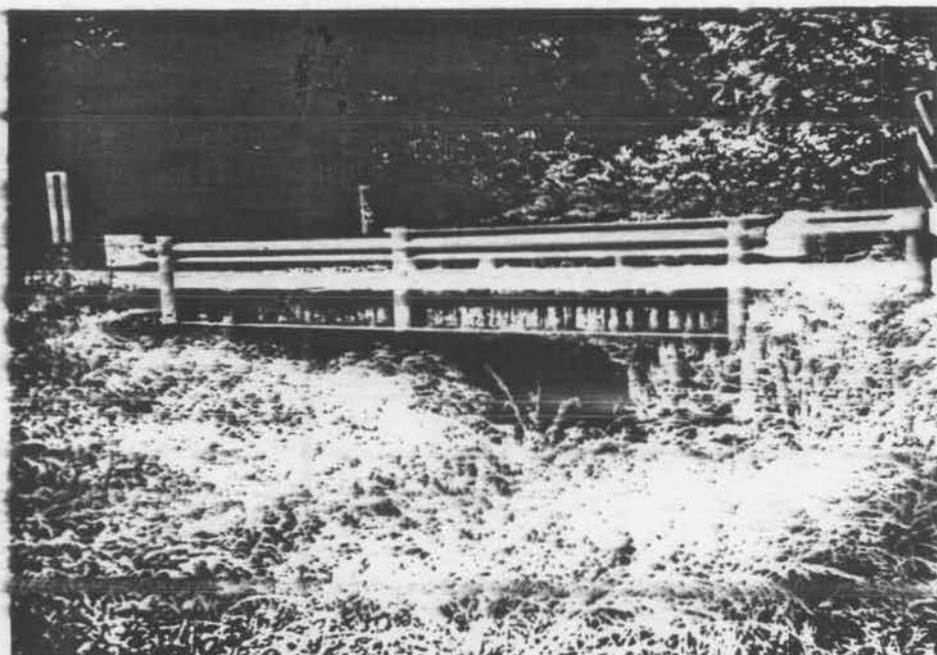
### LOCATION MAP

SCALE: 1" = 1 MILE

HA-1885



PHOTOGRAPH NO. 5  
UPSTREAM (SOUTH) ELEVATION



PHOTOGRAPH NO. 6  
DOWNSTREAM (NORTH) ELEVATION

BRIDGE NO. H-117