

Maryland Historical Trust

Maryland Inventory of Historic Properties number: HA-1884

Name: Hayford ~~Bl~~ Creamery Rd over Little 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-1884

Name and SHA No. H 104 over Little Deer Creek

Location:

Street/Road Name and Number: Harford Creamery Road over Little Deer Creek

City/Town: Blackhorse 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 104 carries Harford Creamery Road east-west over Little Dear Creek in Harford County, Maryland. The approach roadway is a bituminous concrete surface which is 19' wide in the east and 20' wide in the west. The east approach is level and tangent with a sharp curve 120' from the bridge. The west approach has a steep vertical grade and is curved. The channel alignment is sharply curved 30'± upstream from the bridge and forces the flow against the west abutment.

Describe Superstructure and Substructure:

Bridge H 104, built in 1940, is a single span steel beam bridge 28' long with a concrete slab deck 18.3' wide (out-to-out), and a clear roadway width of 16.8'. The abutments are full height concrete on the east side and stone masonry on the west side. The steel beam ends are encased in concrete, and no bearings are visible. The bridge guardrails are of the W-beam type. This bridge is rated at 18,000 PSI load carrying capacity.

The underside of the concrete slab has several locations of hairline cracks with efflorescence. The concrete is spalled with exposed rebar at the east end of the deck. There has been some patching of cracks and spalls of the east abutment and wingwalls. There is displaced stone at the end of the southwest wingwall.

Discuss Major Alterations:

A rehabilitation of the abutments occurred between 1991 and 1993. The west coursed stone abutment has been widened using stacked flagstone; the east abutment has been widened and has a concrete facing. The bridge deck has been widened. It is likely that all of the beams were replaced when the original deck was replaced. W-beam traffic barrier was added at a later (unknown) date.

History:

When Built: 1940

Why Built: Local transportation needs.

Who Built: Unknown

Why Altered: Structural and safety needs

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

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 does not appear to have been constructed in response to significant events in Maryland or local history.

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?

The construction and or alteration of this bridge did not have a significant impact upon the growth and development of the local 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?

This bridge may be a significant example of its type.

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

A number of structural modifications including the replacement of the east abutment, the deck, and guardrails indicates the loss of integrity of these elements. The only portion of the bridge that retains primary character defining elements is a portion of the west abutment with one of its wingwalls retains.

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

Further study of this bridge is not necessary.

Bibliography:

American Association of State Highway and Transportation Officials
 1989 Standard Specifications for Highway Bridges.

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 1995 Maryland Inventory of Historic Bridges.

Harford County
 v.d. Harford County Bridge Inspection Files.

Martinet
 1878 Map of Harford County.

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, photorevised 1972.

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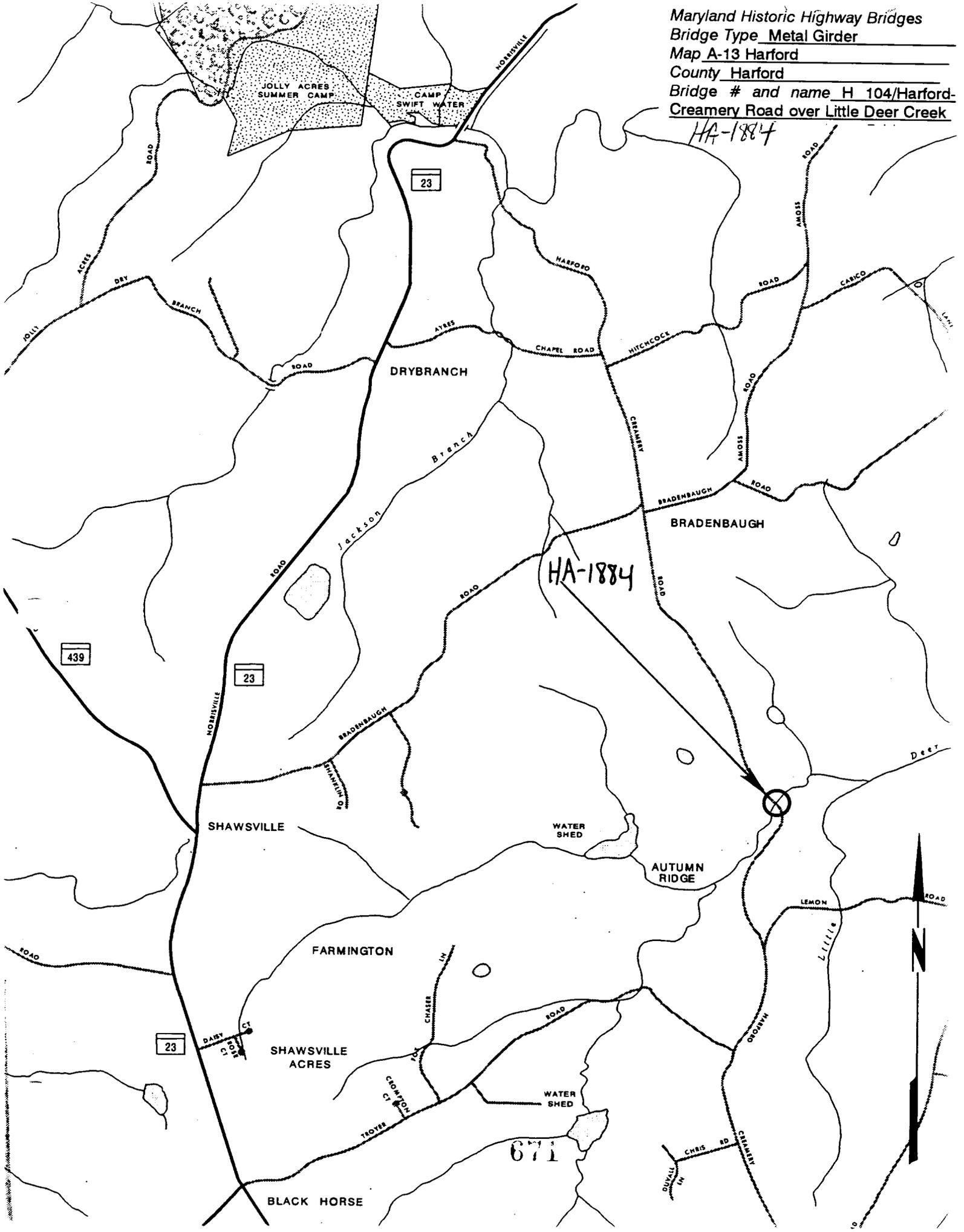
Wright, C. Milton.
 1967 Our Harford Heritage: A History of Harford County, Maryland.

Surveyor:

Name: Jason D. Moser **Date:** September 1995
Organization: State Highway Admin. **Telephone:** (410) 321-2213
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Maryland Historic Highway Bridges
Bridge Type Metal Girder
Map A-13 Harford
County Harford
Bridge # and name H 104/Harford-Creamery Road over Little Deer Creek

HA-1884



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HA-1884

HARFORD COUNTY, MD

JOHN TARQUINIO

25 JAN 1995

MARYLAND SHPO - SH/A

- STATE BRIDGE NO. 4104 OVER
LITTLE DEER CREEK
- VIEW LOOKING NORTH ON
HARFORD CREAMERY ROAD

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HA-1884

HARFORD COUNTY, MD

JOHN TARQUINIO

25 JAN 1995

MARYLAND SHPD SHA

- STATE BRIDGE NO. H104 OVER
LITTLE DEER CREEK
- VIEW LOOKING SOUTH ON
HARFORD CREAMERY ROAD

2/4



HA-1884

HARFORD COUNTY, MD

JOHN TARQUINIO

25 JAN 1995

MARYLAND SHPD STA

- STATE BRIDGE NO. H104 OVER
LITTLE DEER CREEK
- VIEW LOOKING WEST

3/4



HA-1884

HARFORD COUNTY, MD.

JOHN TARQUINIO

25 JAN 1995

~~MARYLAND SHPD SWA~~

- STATE BRIDGE NO. H104 OVER
LITTLE DEER CREEK
- VIEW LOOKING EAST

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