

Maryland Historical Trust

Maryland Inventory of Historic Properties number: M: 12:49

Name: West Harris Rd over Little Monocacy Riv

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 <u> X </u> | Eligibility Not Recommended <u> </u> |
| Criteria: <u> </u> A <u> </u> B <u> X </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 M:12-49

Name and SHA No. M 46 over Little Monocacy River

Location:

Street/Road Name and Number: West Harris Road over Little Monocacy River

City/Town: Barnesville Vicinity X

County: Montgomery

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 No. M 46 carries West Harris Road north-south over the Little Monocacy River in Montgomery County, Maryland. The bridge approaches are straight and level. There are W-beam guardrails on the approaches. The area around the bridge is rural and wooded.

Describe Superstructure and Substructure:

Bridge No. M 46, built in 1925, is a 27' long single span structure carrying West Harris Road over Little Monocacy River. The structure has a clear roadway width of 20'-5" and is posted with a weight limit of 7 tons. The superstructure consists of an asphalt wearing surface over a concrete deck supported by steel stringers. The substructure consists of two concrete abutments. Bridge guardrails consist of steel pipe railings.

The superstructure is in generally good condition. The asphalt wearing surface is deteriorating causing large spalled areas in the concrete in the top slab throughout the entire deck. The underside of the deck has spalls with exposed reinforcing steel typically adjacent to the fascia beams. The concrete curbs are cracked at the ends of the bridge adjacent to the embedded rail posts. The pipe railing is bent and distorted in several places. The substructure is generally in fair condition. The abutments and wingwalls have large areas of deteriorated concrete. Approximately 75% of southwest wingwall surface, and 25% of southeast wingwall surface sounds hollow when struck with a hammer, and appears to be severely deteriorating.

Discuss Major Alterations:

There have been no known major alterations.

History:

When Built: 1925

Why Built: Local transportation needs

Who Built: Unknown

Why Altered:

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:

It is unknown whether this bridge was 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?

It is unknown whether the construction and/or alteration of this bridge has had significant impact on the growth and development of the 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 is 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?

This bridge appears to retain integrity of the character defining elements, as defined within the Context Addendum.

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

Further study of this bridge is unnecessary. This bridge is eligible for inclusion on the National Register of Historic Places.

Bibliography:

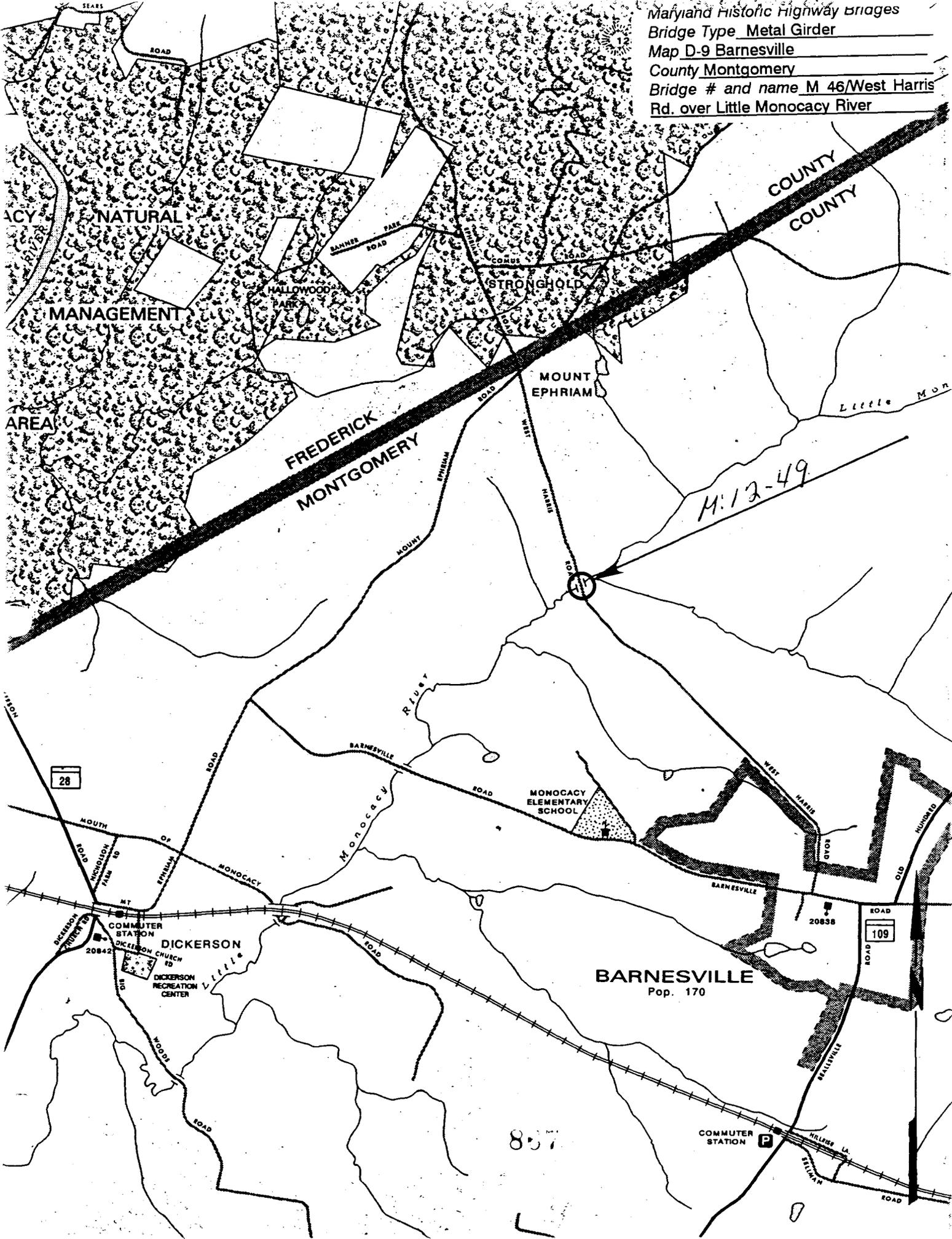
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Spero, P.A.C. & Company, and Louis Berger & Associates
 1994 Historic Bridges in Maryland: Historic Bridge Context.
United States Geological Survey
 1970 7.5' Poolesville Quadrangle, photorevised 1978.

Surveyor:

M:12-49

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 D-9 Barnesville
County Montgomery
Bridge # and name M 46/West Harris
Rd. over Little Monocacy River





Inventory # M:12-49

Name MAW - WEST HARRIS ROOVER LITTLE MONOCACY RIVER

County/State MONTGOMERY / MD

Name of Photographer FRANK JULIANO

Date 2/95

Location of Negative SHA

Description APPROACH NORTH

Number 1 of 4



Inventory # M:12-49

Name M46 - WEST HARRIS RD OVER LITTLE MONOCACY RIVER

County/State MONTOOMERY / MD

Name of Photographer FRANK JUNIANO

Date 2/95

Location of Negative SHA

Description ELEVATION WEST

Number 2 of 4
5 of 36



Inventory # M: 12-49

Name MH6 - WEST HARRIS RD OVER LITTLE MONOCACY RIVER

County/State MONTGOMERY / MD

Name of Photographer FRANK JULIANO

Date 2/95

Location of Negative SHA

Description APPROACH SOUTH

Number 3 of 4



Inventory # M:12-49

Name MHW-WEST HARRIS RD OVER ^{LITTLE} MONOCACY RIVER

County/State MONTGOMERY / MD

Name of Photographer FRANK JULIANO

Date 2/95

Location of Negative SHA

Description ELEVATION EAST

Number 4 of 4