

Maryland Historical Trust

Maryland Inventory of Historic Properties number: M:15-94
Name: Hawilands Mill Rd over Herring River

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>

SHA Bridge No. M 98 **Name:** Havilands Mill Road over Hawlings River

Location:

Street/Road Name and Number: Havilands Mill Road

City/Town: Brookville **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
- __ Metal Girder
 - __ Rolled Girder __ Rolled Girder Concrete Encased
 - __ Plate Girder __ Plate Girder Concrete Encased
- __ Metal Suspension
- __ Metal Arch
- __ Metal Cantilever
- X Concrete
 - X Concrete Arch __ Concrete Slab __ Concrete Beam
 - __ Rigid Frame
- __ Other Type Name _____

Describe Setting:

Bridge M 98 carries Havilands Mill Road over Hawlings River in Montgomery County. Havilands Mill Road runs east and west over the northern flowing Hawlings River. The area immediately adjacent to the bridge has little residential development.

Describe Superstructure and Substructure:

Bridge M 98 is a single span filled concrete arch bridge. The length of the bridge is 43 feet, and it has a clear span measuring 39 feet 10 inches at the springline. The bridge has a rise of approximately 6 feet 7 inches from springline to crown. The rise to run ratio is 26 percent. The spandrel walls are approximately 12 feet in height. The wingwalls are approximately 10 feet by 8 feet. There is a clear roadway width of 16 feet 4 inches, with an overall bridge width of 17 feet 8 inches. The spandrel walls have heavy deterioration and large areas of patching. The walls exhibit efflorescence and reinforcement bar exposure. The abutments exhibit efflorescence and cracking. The arch ring has moderate to heavy cracking throughout the ring. The exterior of the arch ring on both the downstream and upstream sides have heavy scaling and reinforcement bar exposure. According to a 1997 inspection report, the bridge is in satisfactory condition, with a sufficiency rating of 67.9.

The parapets are not original. They are cast in place concrete barriers that measure 43 feet long and 3 feet tall. The parapets are heavily patched and exhibit heavy scaling.

Discuss Major Alterations:

At an unknown date the parapets were removed and replaced by cast in place concrete barriers.

When Built: circa 1920

Why Built: Improvement of lateral corridors

Who Built: State Roads Commission

Who Designed: State Roads Commission

Why Altered: To replace deteriorated parapets

Was this bridge built as part of an organized bridge building campaign?

No, this bridge was not built during an organized bridge building campaign.

Surveyor Analysis:

This bridge may have NR significance for association with:

- A Events Person
 C Engineering/Architectural

This bridge was determined not eligible by the Interagency Review Committee in March 1996..

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

In 1920 the Maryland State Legislature enacted the "Lateral and Post Roads Loan of 1920." The act that created this loan provided that the proceeds were to be used for the construction of rural post roads, lateral roads and the extension of the State Roads System, with the assistance of funds from the federal government and several counties in the State. Half of the loan was used for the purpose construction of lateral roads. This money was apportioned to the counties on the basis of actual road mileage. The counties then matched the State's money with bond issues, special assessments, or other revenue.

Is the bridge located in an area that 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 that is eligible for historic designation.

Is the bridge a significant example of its type?

No, this bridge is not a significant example of its type. The loss of the original parapets and the present condition of the character defining element reduces the significance of the bridge.

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

Although this bridge's character defining elements are intact, they are in a deteriorated state. In addition, the parapets are not original.

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

No this bridge should not be given further study.

Bibliography:

County inspection/bridge files _____ X _____ SHA inspection/bridge files _____

Other (list):

Surveyor:

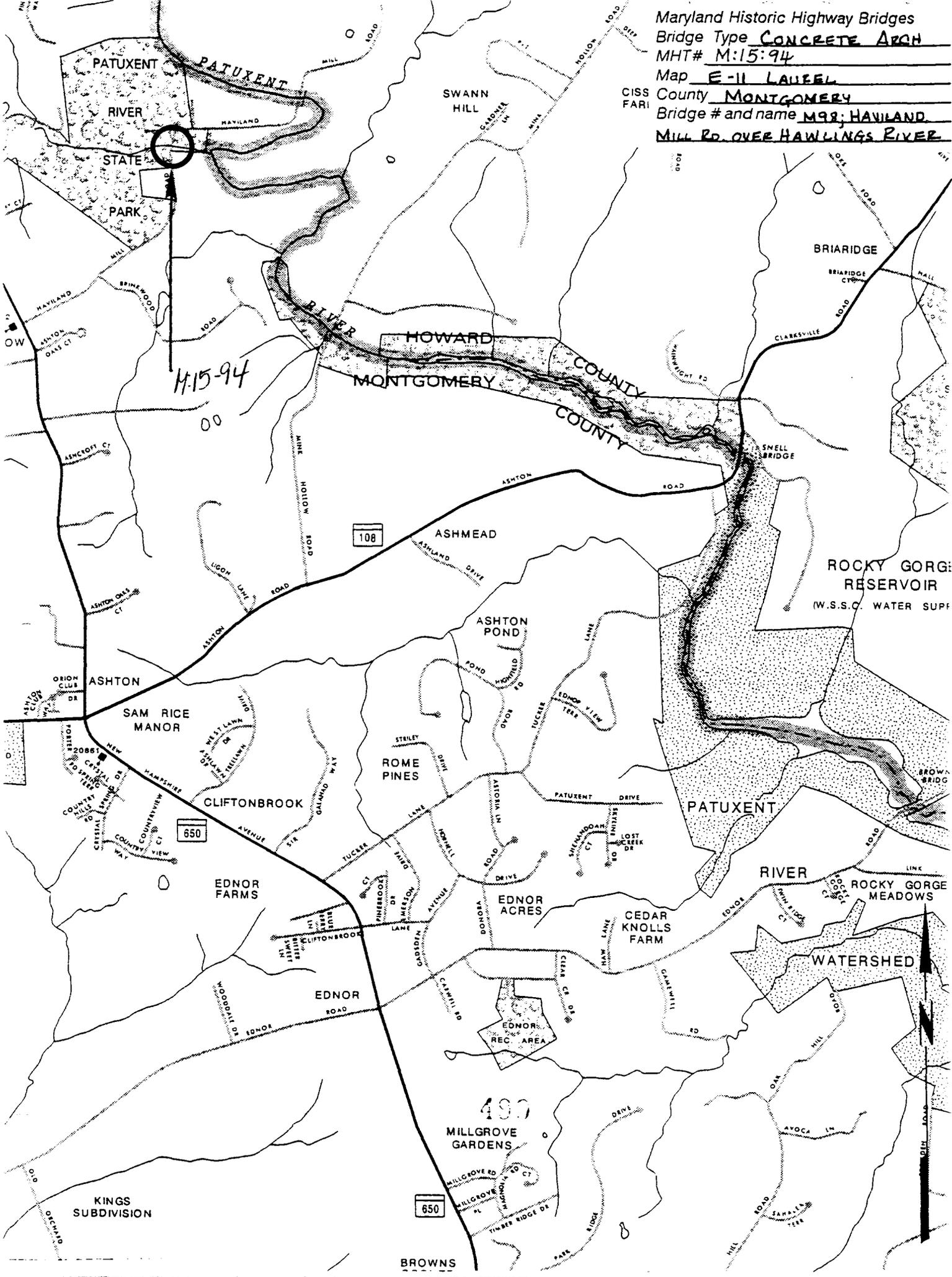
Name: Stacie Y. Webb **Date:** March 1996

Organization: State Highway Admin. **Telephone:** (410) 545-8559

Address: 707 N. Calvert Street Baltimore Maryland

Edited by P.A.C. Spero and Company, December, 1997.

Maryland Historic Highway Bridges
 Bridge Type CONCRETE ARCH
 MHT# M:15:94
 Map E-11 LAUREL
 CISS County MONTGOMERY
 FARI Bridge # and name M98; HAVILAND
MILL RD. OVER HAWLINGS RIVER



M:15-94

499

650

BROWNS



Inventory # M:15-94

Name M98 - HAVILANDS MILL RD OVER ^{HAWKINS}
RIVER

County/State MONTGOMERY MD

Name of Photographer FRANK JULIANO

Date 2/95

Location of Negative SHA

Description APPROACH WEST

Number 18 of 4
30



Inventory # M:15-94

Name M98 - HAVILANDS MILL RD OVER HAWLING RIVER

County/State MONTGOMERY / MD

Name of Photographer FRANK JULIANO

Date 2/95

Location of Negative SHA

Description ELEVATION SOUTH

Number ²₁₀ of ⁴₃₅



Inventory # M:15-94

Name M 98 - HAVILANDS MILL RD OVER HAWKING RIVER

County/State MONTGOMERY / MD

Name of Photographer FRANK SUHANO

Date 2/95

Location of Negative SHA

Description ELEVATION NORTH

34 4
Number 4 of 35



Inventory # M:15-94

Name M98-HAVILANDS MILLRD OVER HAWKINGS RIVER

County/State MONTGOMERY / MD

Name of Photographer FRANK JULIANO

Date 2/95

Location of Negative SHA

Description APPROACH EAST

4 4
Number 11 of 35