

Maryland Historical Trust

Maryland Inventory of Historic Properties number: ~~WA-III-125~~, WA-III-167

Name: MILBROOK RD. OVER LITTLE ANTIETAM CRK.

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>

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

MHT Number ~~WA-III-125~~ WA-III-167

SHA Bridge No. W-5981 Name: Millbrook Road over Little Antietam Creek

**Location:**

Street/Road Name and Number: Millbrook Road

City/Town: Gapland Vicinity X

County: Washington

Ownership:  State  County  Municipal  Other

This bridge projects over:  Road  Railway  Water  Land

Is the bridge located within a designated district:  yes  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

Concrete

Concrete Arch  Concrete Slab  Concrete Beam

Rigid Frame

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

**Describe Setting:**

Bridge W-5981 carries Millbrook Road over the Little Antietam Creek in Washington County. Millbrook Road runs southwest and northeast over the eastern flowing Little Antietam Creek. The bridge is in an area of moderately dense residential development.

**Describe Superstructure and Substructure:**

Bridge W-5981 is a single span filled concrete arch and a concrete slab bridge. The southeastern side of the bridge is an arch. The length of the bridge is approximately 28 feet 4 inches with a clear span of approximately 27 feet 8 inches. There is a clear roadway width of 20 feet. The arch has a 4-foot rise from springline to the crown. The arch has a 1-inch incised molding along the intrados. The spandrel walls are approximately 4 feet high and 3 feet wide. The southeast side of the bridge has its original parapets. The parapet is approximately 28 feet in length. The parapet is a single solid panel with seven incised panels. Each incised panel measures 3 feet by 1 foot with a foot separating each panel. There is an exterior ledge separating the parapet base from the top of the arch. The ledge is 28 feet long, 5 inches high and 4 inches wide. The parapet is in fair condition with minor spalling and cracks. The spandrel walls and the arch ring have minor to moderate spalling and light efflorescence. No large cracks or holes are visible. According to a 1995 inspection report, the bridge is in fair condition with a sufficiency rating of 48.2.

The northwest side of the bridge is a concrete slab. The slab is approximately 28 feet long and 1 foot thick. The slab has a guardrail and post railing system. The 2-foot 6-inch posts are mounted to the deck of the slab with a steel plate. The slab has concrete wingwalls that are approximately 4 feet 6 inches wide and 3 feet high. The slab, railing, and wingwalls are in good condition with no visible cracks or spalling.

**Discuss Major Alterations:**

In 1965 the original concrete arch bridge was widened with a concrete slab. The parapet on the northwest side of the bridge was removed and the concrete slab was added.

**When Built?** 1920, 1965

**Why Built?** Expansion of Washington County's Lateral Roads

**Who Built?** Washington County Commissioners

**Who Designed?** Unknown

**Why Altered?** Bridge needed to be widened to increase load and safety capacity.

**Was this bridge built as part of an organized bridge building campaign?** Yes, this bridge was built as part of the State Roads Commission's "Lateral and Post Roads Loan of 1920."

**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 February 1996.

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

Yes, this bridge was built as part of the State Roads Commission's "Lateral and Post Roads Loan of 1920." In 1920 the state received an appropriation of \$3,000,000. The money allowed construction of rural post roads, lateral roads and the extension of the State Roads System with the assistance of funds from the US Government and several counties in Maryland. The state and counties received funding for lateral road improvements. Washington County received some of these funds.

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**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, the 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 type. It represents neither a clear example of a 1920 concrete arch bridge nor a modern concrete slab bridge.

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

No this bridge does not retain the character defining elements of a concrete arch bridge. Half of the bridge has been removed and a concrete slab has been attached to the concrete arch.

**Is this bridge a significant example of the work of the manufacturer, designer and/or engineer?**

No, this bridge is not a significant example of work by a manufacturer, designer, or engineer.

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

No, the bridge should not be given further study.

**Bibliography:**

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

Other (list):

**Surveyor:**

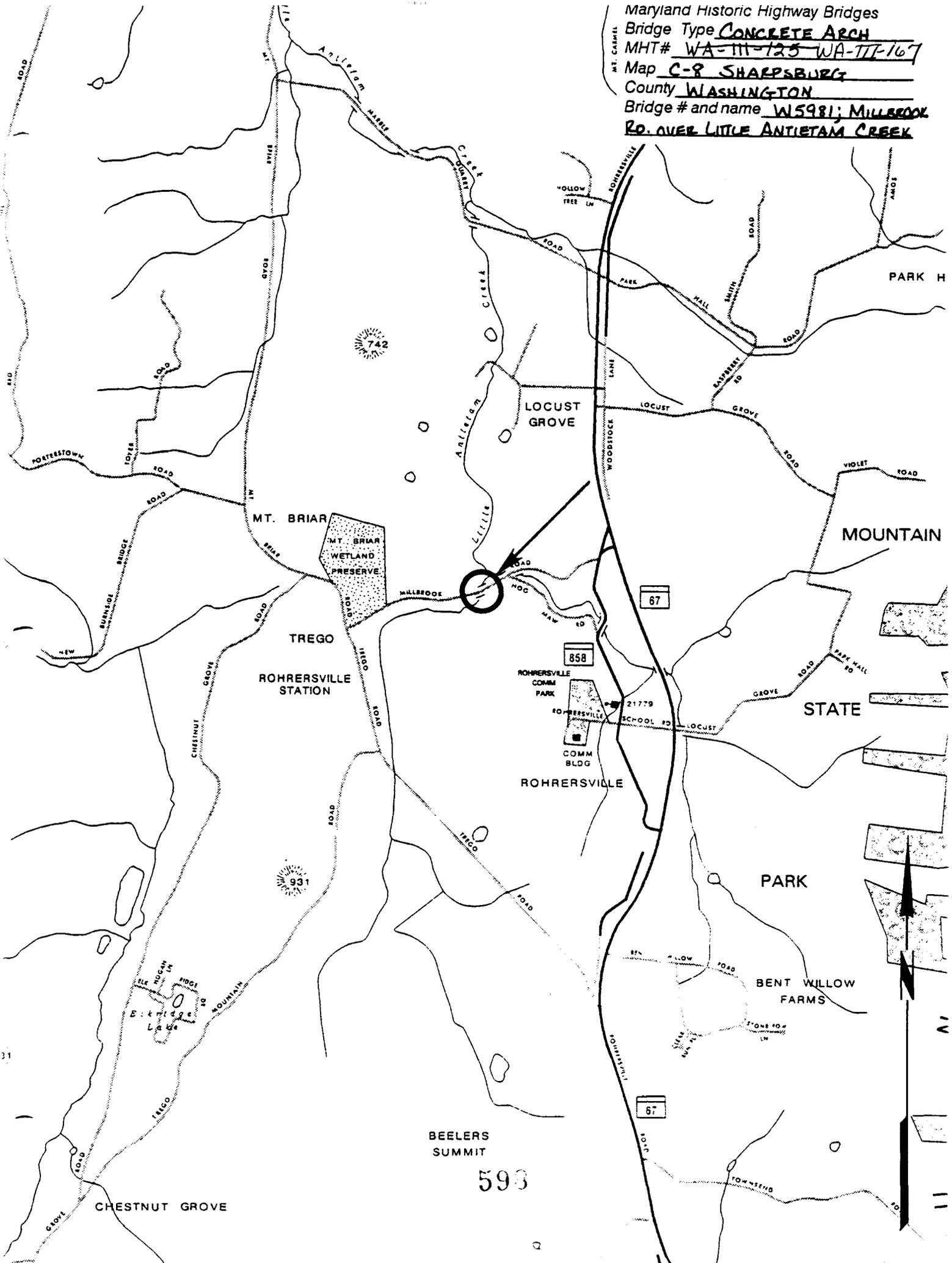
Name: Stacie Y. Webb Date: January 1996

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

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

Maryland Historic Highway Bridges  
 Bridge Type CONCRETE ARCH  
 MHT# WA-III-125 WA-III-167  
 Map C-8 SHARPSBURG  
 County WASHINGTON  
 Bridge # and name W5981; MILLBROOK  
RD. OVER LITTLE ANTIETAM CREEK



31

BEELERS  
 SUMMIT  
 593

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WA-III-169

BR #20W598110

OVER LITTLE ANTIETAM CREEK

WASHINGTON CO, MD

DAVID KING

2/24/95

S.H.A.

SOUTHWEST APPROACH

1 OF 4



WA-TTI-167

BR # 20W598110

OVER LITTLE ANTIETAM CREEK  
WASHINGTON CO., MD.

DAVID KING

2/24/95

S.H.A

NORTHEAST APPROACH

2 OF 4



WA-III-167

BR #20W598110

OVER LITTLE ANTIETAM CREEK

WASHINGTON CO, MD

DAVID KING

2/24/95

S. H. A.

NORTHWEST ELEVATION

3 OF 4



WA-III-167

BR #20W598110

OVER LITTLE ANTIETAM CREEK

WASHINGTON CO., MD.

DAVID KING

2/29/95

S. H. A.

SOUTHEAST ELEVATION

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