

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

MHT Number M:26-28

Name and SHA No. M 49 over Rock Creek

Location:

Street/Road Name and Number: Avery Road over Rock Creek

City/Town: Gaithersberg Vicinity X

County: Montgomery

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 _____**Description:****Describe Setting:**

Bridge No. M 49 carries Avery Road north-south over Rock Creek in Montgomery County, Maryland. The area is wooded and appears rural. The south approach is curved while the north approach is straight. There a paved trail which crosses Avery road just to the north of the bridge.

Describe Superstructure and Substructure:

Bridge No. M 49, is a new bridge built in 1994 which replaced another bridge built in 1911. The total length of the structure is 150', and it has a clear roadway width of 28'. The superstructure consists of a concrete slab supported by steel stringers. The substructure consists of two concrete abutments and one solid shaft concrete pier. There is a two strand aluminum railing system fastened on top of each parapet.

Discuss Major Alterations:

This bridge was recently replaced.

History:**When Built:** 1994**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:** 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:**

It is unknown whether this bridge was constructed in response to significant events in Maryland or local history. The current bridge replaced an old bridge at the same location. The original bridge consisted of a concrete deck and steel stringer superstructure, supported

by masonry and concrete abutments.

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 may be eligible for historic designation.

Is the bridge a significant example of its type?

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 meet the 50 year age requirement for inclusion on the National Register of Historic Places.

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

Further research of this bridge is unnecessary. This bridge was constructed in 1994 to replace an earlier bridge built in the same location. This bridge does not meet the 50 year age requirement for inclusion on the National Register of Historic Places.

Bibliography:

Greiner, Inc.
 1995 Maryland Inventory of Historic Bridges.
 Montgomery County
 v.d. County Bridge Inspection Files.
 Spero, P.A.C. & Company, and Louis Berger & Associates
 1994 Historic Bridges in Maryland: Historic Bridge Context.
 United States Geological Survey
 1965 7.5' Kensington Quadrangle, photorevised 1979.

Surveyor:

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M: 26-28

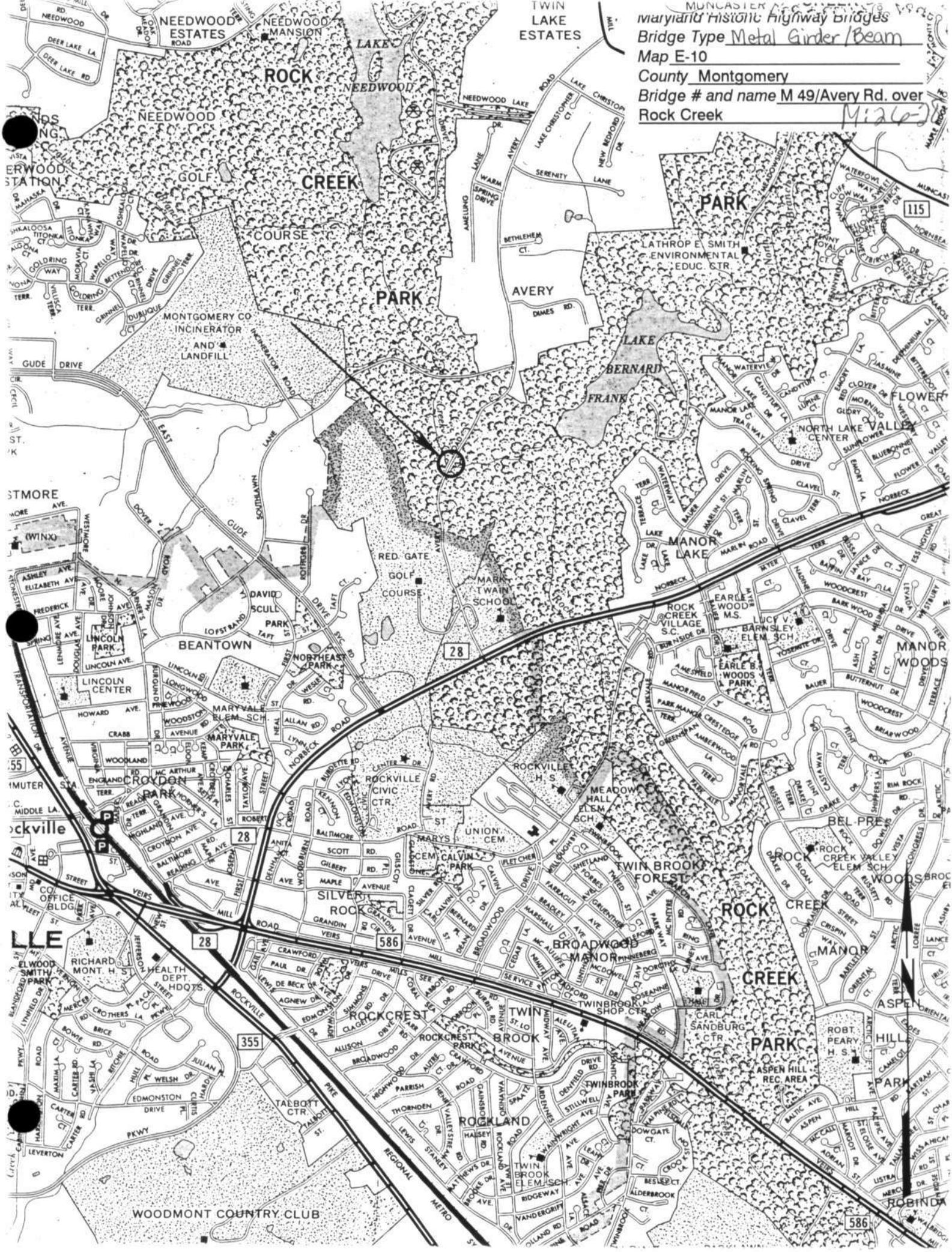
Maryland Historic Highway Bridges
Bridge Type Metal Girder/Beam

Map E-10

County Montgomery

Bridge # and name M 49/Avery Rd. over
Rock Creek

Mialo





Montgomery Co.

M:36-38

Br # M49 Avery Rd over Rock Creek

Looking East

4/8/96

Jason A. Moser



Montgomery Co.

M: 26-28

Br# M49 Avery Rd. over Rock Creek

Looking West

4/8/96

Jason D. Moser



Montgomery Co.

M: 76-78

Br # M 49 Avery Rd. over Rock Creek

Looking South

4/8/96

Jason D. Moser



Montgomery Co.

M: 26-28

Br # M49 Avery Rd over Rock Creek

Looking North

4/8/96

Jason D. Moser

A black and white photograph showing a close-up of a white metal structure, possibly a fence or gate. The structure consists of two horizontal bars supported by a vertical post. The background is a dense thicket of trees and branches. On the white surface of the structure, the number '49' is printed in a bold, black font. Above it, the number '1334' is faintly visible, appearing to be stamped or embossed into the metal. A dark vertical strip is visible at the bottom center of the frame.

1334

49

Montgomery Co

M:26-28

Br# M49 Avery Rd. over Rock Creek

4/8/96

Jason A. Moser