

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

MHT Number M:20-33

Name and SHA No. MR 11 over I-270

Location:

Street/Road Name and Number: Gude Drive over I-270

City/Town: Rockville 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. MR 11 carries Gude Drive east-west over I-270 in Montgomery County, Maryland.

Describe Superstructure and Substructure:

Bridge No. MR 11, built in 1985, is a two span continuous plate girder structure. The span lengths are 125' each. The bridge consists of a concrete deck on steel plate girders supported by concrete abutments and one concrete pier. The bridge has a longitudinal joint in the middle of 14' concrete median and a clear roadway width of 26'-0" on each side of the median. There is a 10' wide bike path on the south side of the bridge. There is a chain link fence attached to the top of the jersey parapets on each side of the structure.

The superstructure is generally in good condition. The top of deck is sound when struck with a hammer, however there are some transverse cracks on top of deck slab. The substructure is generally in good condition. There are full height vertical cracks on each abutment stem. Diagonal cracks exist on each abutment backwall.

Discuss Major Alterations:

This bridge is a new bridge built in 1985.

History:

When Built: 1985

Why Built: Local crossing of I-270

Who Built: State Highway Administration

Why Altered: Not applicable

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:

No, this bridge was not 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?

No, this bridge did not have a significant impact upon 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?

No, this bridge does not appear to retain the integrity of its primary character defining elements as defined within the Context Addendum.

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

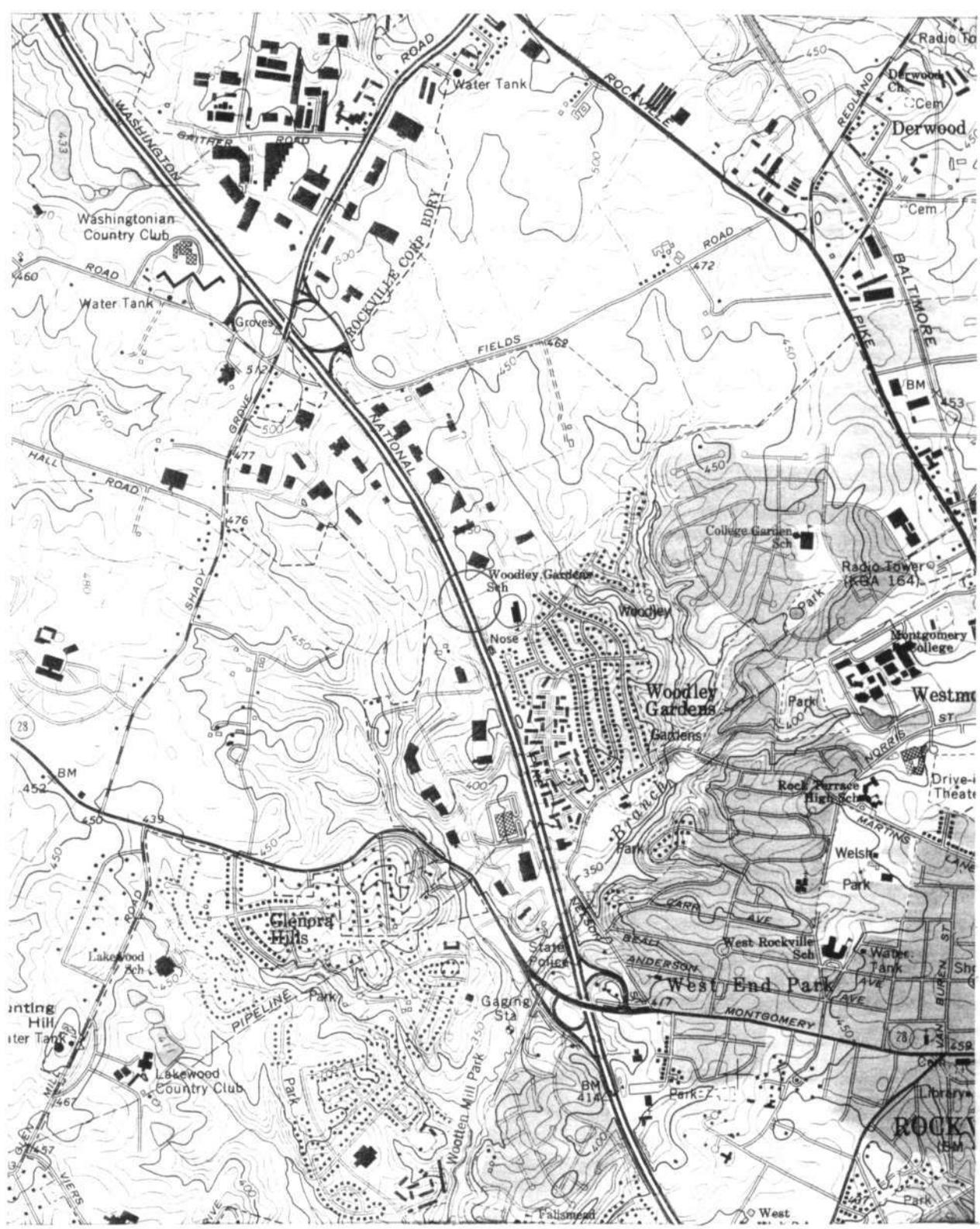
No, this bridge should not be given further study. It is a new bridge across a relatively new road and does not meet the age requirements for inclusion on the National Register of Historic Places.

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' Rockville Quadrangle, photorevised 1984.

Surveyor:

Name: Jason D. Moser **Date:** September 1995
Organization: State Highway Admin. **Telephone:** (410) 321-2213
Address: 2323 West Joppa Road Brooklandville, MD 21022



Approximate location of Bridge # MR 11 on the 1965 (photorevised 1984) USGS 7.5 Minute Rockville Quadrangle.



Inventory # M: 20-33

Name MB11 - GUDIE DR. OVER IS 270

County/State MONTGOMERY / MD

Name of Photographer FRANK JULIANO

Date 2/95

Location of Negative SHA

Description APPROACH WEST

Number ¹13 of ⁴36



Inventory # M:20-33

Name MRII-GUDE DR. OVER IS 270

County/State MONTGOMERY /MD

Name of Photographer FRANK JULIANO

Date 2/95

Location of Negative SHA

Description ELEVATION LOOKING SOUTH

Number 2 # of 4 36



Inventory # M: 20-33

Name MR 11 - Gude Dr. OVER IS 270

County/State MONTGOMERY / MD

Name of Photographer FRANK JULIANO

Date 2/95

Location of Negative SHA

Description APPROACH EAST

Number 3 of 4



Inventory # M: 20-33

Name MR 11 - GUDE PR. OVER IS - 270

County/State MONTGOMERY | MD

Name of Photographer FRANK JULIANO

Date 2/95

Location of Negative SHA

Description ELEVATION LOOKING NORTH

Number 4 of 36 4