

Maryland Historical Trust

Maryland Inventory of Historic Properties number: BA-2716

Name: Sunnybrook Rd over Greene Branch

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 <input checked="" type="checkbox"/> X	Eligibility Not Recommended _____
Criteria: <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D	Considerations: <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E <input type="checkbox"/> F <input type="checkbox"/> G <input type="checkbox"/> 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>

*any*

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

MHT Number BA-2716

Name and SHA No. B 0404

**Location:**

Street/Road Name and Number: Sunnybrook Road over Greene Branch

City/Town: Cokeysville Vicinity X

County: Baltimore

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

   Rolled Girder X 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 Number B 0404 carries Sunnybrook Road in a generally east-west direction over Greene Branch in the vicinity of Cockeysville, Maryland. The approach to the roadway is level and has two lanes. The area around this bridge is wooded and rural. The structures in the vicinity of this bridge are generally from the twentieth century.

**Describe Superstructure and Substructure:**

Bridge number B 0404 is a single span concrete encased rolled girder structure, measuring 21 feet in total length. The roadway width from curb to curb is fifteen feet and the total deck width is eighteen feet. There are no sidewalks on the bridge. The superstructure is composed of a steel rolled wide flange beam system. There is one span in the bridge unit and no approach units. The long span is eighteen feet long. The floor system is composed of concrete cast-in-place. There are small rectangular concrete parapets. There is little ornamentation. There are no historical plaques.

The substructure is composed of concrete cantilever abutments and wingwalls. There is no ornamentation. There are no historical plaques.

The condition of this bridge is currently rated fair with minor section loss, cracking, spalling and scour.

**Discuss Major Alterations:**

There have been no major alterations to this structure. In 1970 and 1980 minor repairs and patching was done.

**History:**

**When Built:** 1920

**Why Built:** Increased traffic density necessitated a structure with an increased load capacity.

**Who Built:** State Roads Commission

**Why Altered:** Structural needs and safety

**Was this bridge built as part of an organized bridge building campaign:** This bridge

**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:**

World War One increased the rate of vehicular traffic throughout Maryland. This military traffic caused great damage to existing bridges, most of which were structurally designed for the new automobile and truck traffic. The Federal-Aid Road Act of July 16, 1916 provided matching funds to help alleviate the problem.

**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?**

Yes. Bridge B 0404 had a significant impact on the area. The ability to access the markets and employment potential of Baltimore City would have been seriously limited to locals had this bridge not been built. The steady outward growth of Baltimore City necessitated the steady growth of a sufficient transportation network for residents of this area. The construction of bridge B 0404 would have been a significant part of this development. The neighborhood of Cockeysville would have been directly impacted.

**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. Bridge B 0404 is located in an area with little historic significance. This area has had a wide variety of unconnected developments. There is little in this area that could be considered in the future for eligibility. The loss of this bridge would not detract from the historic or visual character of this area.

**Is the bridge a significant example of its type?**

No. Bridge B 0404 is a common type of metal girder bridge. Metal girder bridges were built prolifically in Maryland from the late nineteenth century to the present day. There is nothing to set this bridge apart from others of its type. There are numerous other examples of this bridge available.

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

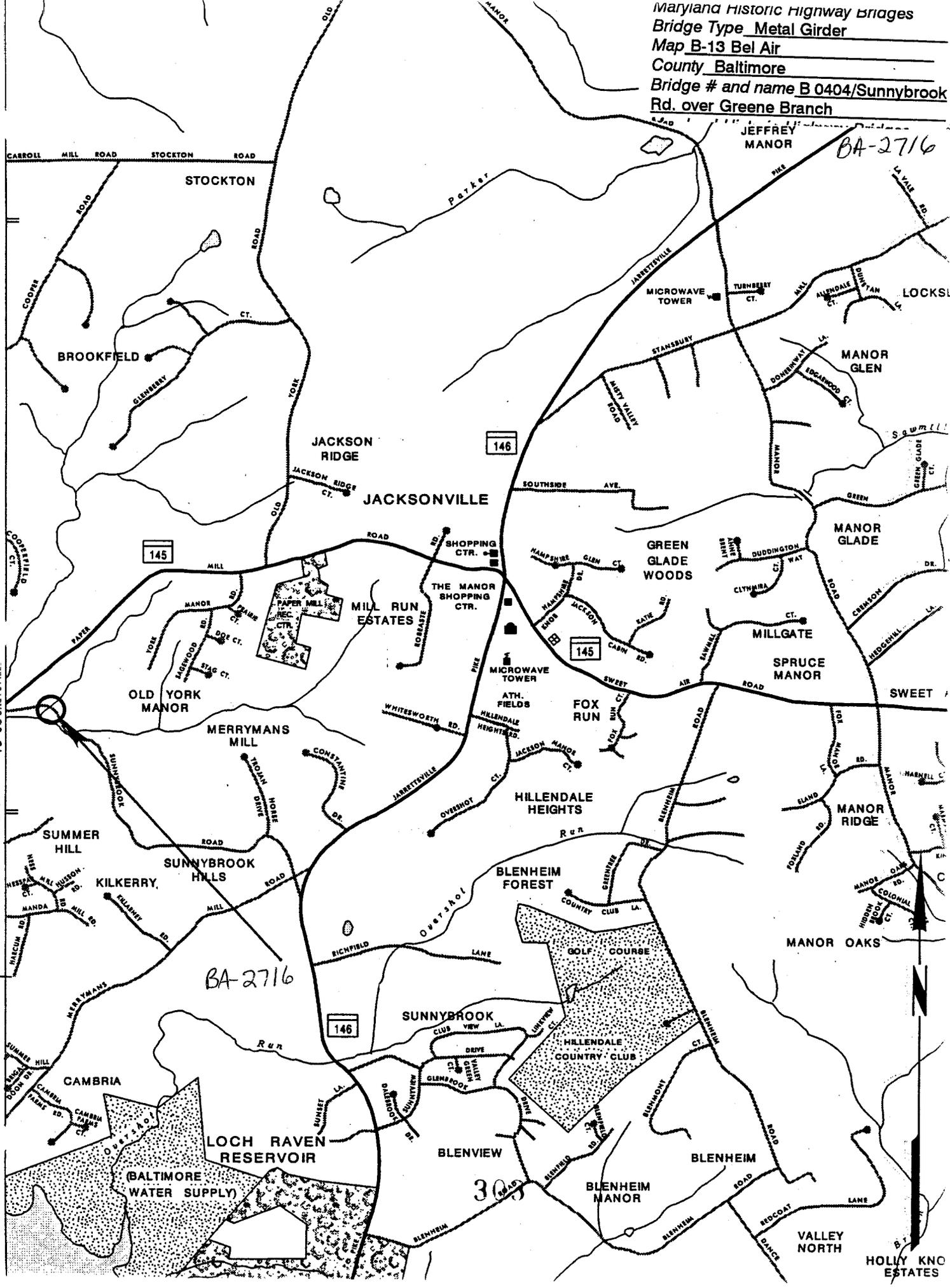
Bridge Number B 0404 does retain important elements of its historical structural integrity. The primary character defining elements are the original concrete encased rolled wide flange girders.

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

Yes. Bridge B0404 should be studied further to determine its eligibility for the National Register. A significance analysis should be made following the National Register Criteria

Maryland Historic Highway Bridges  
Bridge Type Metal Girder  
Map B-13 Bel Air  
County Baltimore  
Bridge # and name B 0404/Sunnybrook Rd. over Greene Branch

BA-2716



BA-2716

300

HOLLY KNO ESTATES



WEIGHT  
LIMIT

	99
	117
	217

Inventory # BA-2716

Name B0404 - SUNNYBROOK RD OVER GREENE BRANCH

County/State BALTIMORE COUNTY / MD

Name of Photographer DAVE DIEHL

Date 1/95

Location of Negative SHA

Description SOUTH APPROACH LOOKING  
NORTH

Number <sup>1</sup>~~18~~ <sup>2</sup>~~435~~ of 35



Inventory # BA-2716

Name 130404-SUNNYBROOK RD OVER GREENE BRANCH

County/State BALTIMORE COUNTY/MD

Name of Photographer DAVE DIEHL

Date 1/95

Location of Negative SWA

Description EAST ELEVATION LOOKING  
NORTHWEST

Number 2 of ~~35~~ 2