

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

MHT Number M:23-130

Name and SHA No. M 122 over Hawlings River

Location:

Street/Road Name and Number: Sundown Road over Hawlings River

City/Town: Brookville 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 M 122 carries Sundown Road east-west over the Hawlings River in the vicinity of Brookville in Montgomery County, Maryland. The approaches to this two lane structure are generally straight and level. An approach guardrail extends from the bridge for a short distance at each corner of the bridge, and terminates with a straight blunt end. Areas to the east and along the margins of the creek are wooded, while the area to the south can be characterized as rural farmland.

Describe Superstructure and Substructure:

This structure, built 1920, is a single span structure with a total length of 40'. The structure has a curb-to-curb width of 26'-8". The superstructure consists of an asphalt wearing surface over a concrete deck supported by 8 steel I-beam stringers. The top flange of all stringers are embedded in the concrete deck. The superstructure is supported by two concrete abutments. The railings consist of concrete parapets and steel pipe railings. An additional W-beam guardrail is mounted to the inside of the concrete parapets.

The superstructure is generally in poor condition. The steel stringers exhibit moderate to heavy scale with up to 1/8" loss of thickness to the webs and flanges of the stringers throughout their length. Adjacent to the bearings, the bottom flange and webs exhibited losses of material up to 1/4" and 1/8" respectively. The underside of the concrete deck and the concrete curbs are cracked and spalled. The substructure is in generally fair condition. The concrete abutments and wingwalls have numerous cracks and spalls. The east and west abutment footings are exposed for a depth of 8" to 16".

Discuss Major Alterations:

The only known modification to the bridge is the installation of a W-beam guardrail on both sides of the bridge. Construction to replace this bridge is scheduled to begin in March or April of 1996.

History:**When Built:** 1920**Why Built:** Local transportation needs**Who Built:** Unknown**Why Altered:** Not Applicable

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

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.

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 does not appear to be located in an area which may be eligible for historic designation.

Is the bridge a significant example of its type?

This bridge may be a significant example of its type.

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

This bridge appears to retain the integrity of the important most of the important elements described in the Context Addendum. The only modification made to this bridge is the addition of a modern W-beam guardrail to the inside of the concrete parapets.

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

Further research of this bridge is unnecessary, this bridge is eligible for inclusion on the National Register of Historic Places. This bridge is scheduled to be replaced in March or April of 1996.

Bibliography:

Greiner, Inc.
1995 Maryland Inventory of Historic Bridges.

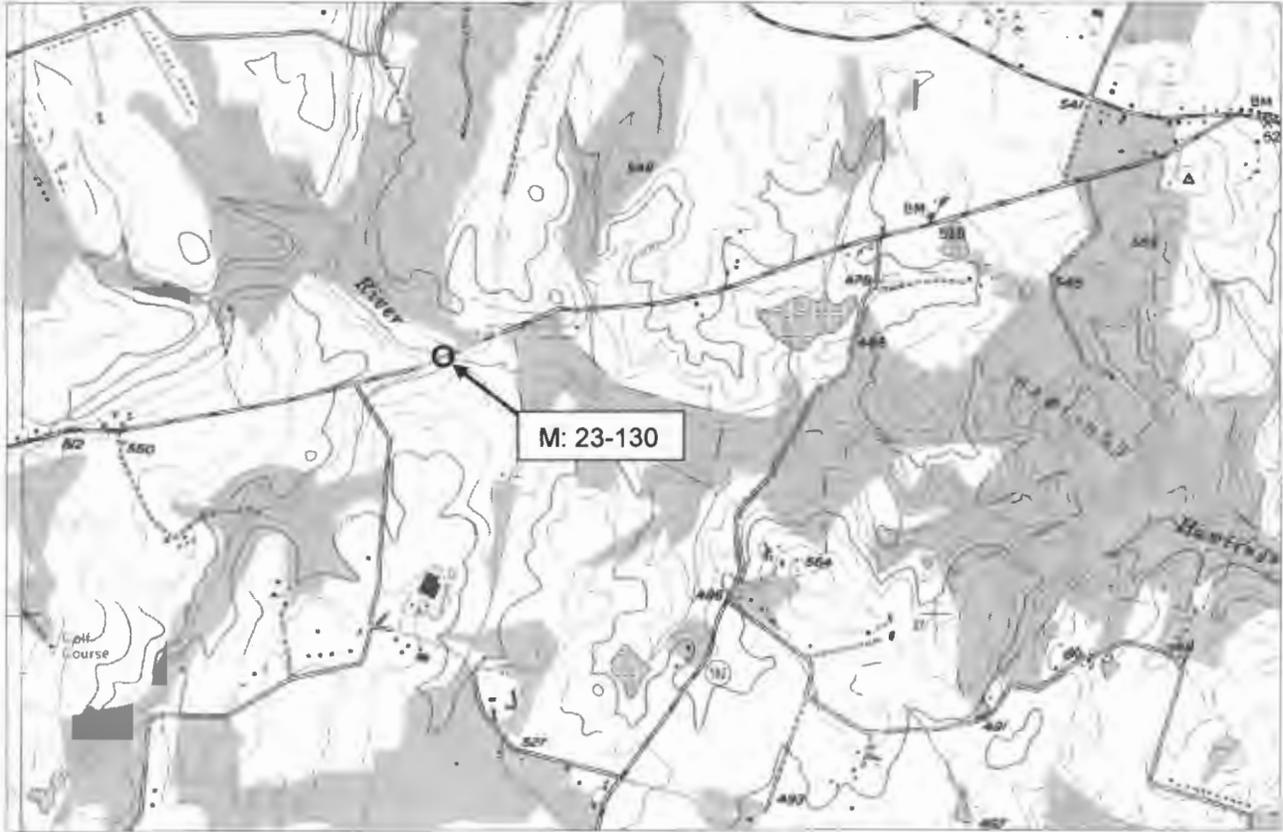
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Montgomery County
v.d. County Bridge Inspection Files.
Spero, P.A.C. & Company, and Louis Berger & Associates
1994 Historic Bridges in Maryland: Historic Bridge Context.
United States Geological Survey
1945 7.5' Sandy Spring Quadrangle, photorevised 1979.

Surveyor:

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

M: 23-130
Bridge, Sundown Road over Hawlings River (SHA No. M-122)
Sandy Spring quadrangle 1945, Photorevised 1979



JKC 2/13/2015

Inventory # M: 23-130

Name M122 - SUNDOWN RD OVER HAWKINS RIVER

County/State MONTGOMERY / MD

Name of Photographer FRANK JULIANO

Date 2/95

Location of Negative SHA

Description APPROACH WEST

Number ¹~~28~~ of ⁴~~1~~



Inventory # M: 23-130

Name M122-SUNDOWN ROOVER HAWKING'S RIVER

County/State MONTGOMERY MD

Name of Photographer FRANK JULIANO

Date 2/95

Location of Negative SHA

Description ELEVATION SOUTH

Number 2 / 4 of 21



WEIGHT
LIMIT
TO
TONS

Inventory # M: 23-130

Name MIZZ-SUNDOWN RD OVER HAWKING RIVER

County/State MONTGOMERY MD

Name of Photographer FRANK JULIANO

Date 2/95

Location of Negative SHA

Description APPROACH EAST

Number ³ 27 of ⁴ 381



Inventory # M: 23-130

Name MIZZ - SUNDOWN RD OVER HAWKINGS RIVER

County/State MONTGOMERY / MD

Name of Photographer FRANK JULIANO

Date 2/95

Location of Negative SHA

Description ELEVATION NORTH

Number 4 of 4