

Maryland Historical Trust

Maryland Inventory of Historic Properties number: WAT-119

Name: Sprecher Rd over Marshy Run

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>

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

MHT Number WA-II-1119

Name and SHA No. Sprecher Road over Marsh Run/W 5662 (W266210)

Location:

Street/Road Name and Number: Sprecher Road

City/Town: Sharpsburg Vicinity x

County: Washington

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

x 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: W 5662 (W266210) carries one lane of traffic on Sprecher Road over Marsh Run in Washington County, Maryland. Sprecher Road runs generally north-south at this location; Marsh Run flows generally east-west. The bridge is located in a wooded rural area and Marsh Run has a wooded channel bank at this location. There are several structures associated with a nearby farm complex visible from the bridge.

Describe Superstructure and Substructure: The superstructure of W 5662 (W 266210) is made up of a 26' long single span with steel stringers, a timber deck and a standard W-beam guardrail anchored to the fascia beam. The 1993 inspection report lists the superstructure as being in satisfactory condition and recommends clearing away of debris, cleaning beams of rust and repainting, and replacement of several of the timber planks which make up the deck.

The substructure is concrete abutments and wing walls. The abutments have some cracks and spalling present. The base of both abutments show moderate scour and are beginning to become undermined by channel flow and lodged debris. The 1993 inspection report lists them as being in satisfactory condition and recommended scour prevention and repair of minor cracks and spalling. There is a timber cattle guard extending down from the channel rail posts on the west elevation of the bridge.

Discuss Major Alterations: In 1986 the entire structure was rehabilitated. At this time the beams were cleaned and strengthened, and the timber deck and guardrails were replaced. It was also at this time that the original stone masonry abutments were encased in concrete to prevent further deterioration.

History:

When Built: 1920

Why Built: local transportation needs

Who Built:

Why Altered: safety needs and structural repairs

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** **B Person**
 C Engineering/Architectural

Was this bridge constructed in response to significant events in Maryland or local history: There is no evidence that W 5662 (W 266210) was constructed in response to significant event in state or local history, and is likely an early 20th century replacement of an earlier structure.

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

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

Is the bridge a significant example of its type:No, it is merely a typical example of its type.

Does the bridge retain integrity of the important elements described in the Context Addendum:The two main primary CDE's applicable to this structure are rolled longitudinal I-beams and concrete abutments. The I-beams of W 5662 (W 266210) have never been completely replaced, however they have been cleaned, and are only in satisfactory condition at present. The concrete abutments were added in 1986, when the original deteriorated stone masonry abutments were encased.

The secondary CDE's applicable to this structure are the floor system and deck. In 1986 the floor system was strengthened and the deck was removed and replaced.

The extensive modifications made to this structure, coupled with the slightly deteriorated present condition raise doubts as to the integrity of this bridge.

Is the bridge a significant example of the work of the manufacturer, designer, and/or engineer and why:No

Should this bridge be given further study before significance analysis is made and why:Further study is not necessary for W 5662 (W 266210).

Bibliography:

Greiner, Inc.

1995 Historic Bridge Inventory Form.

Spero, P.A.C. & Company, and Louis Berger & Associates

1994 Historic Bridges in Maryland : Historic Bridge Context.

United States Geological Survey

1979 7.5' Williamsport Quadrangle.

Washington County

v.d. Bridge Inspection Files.

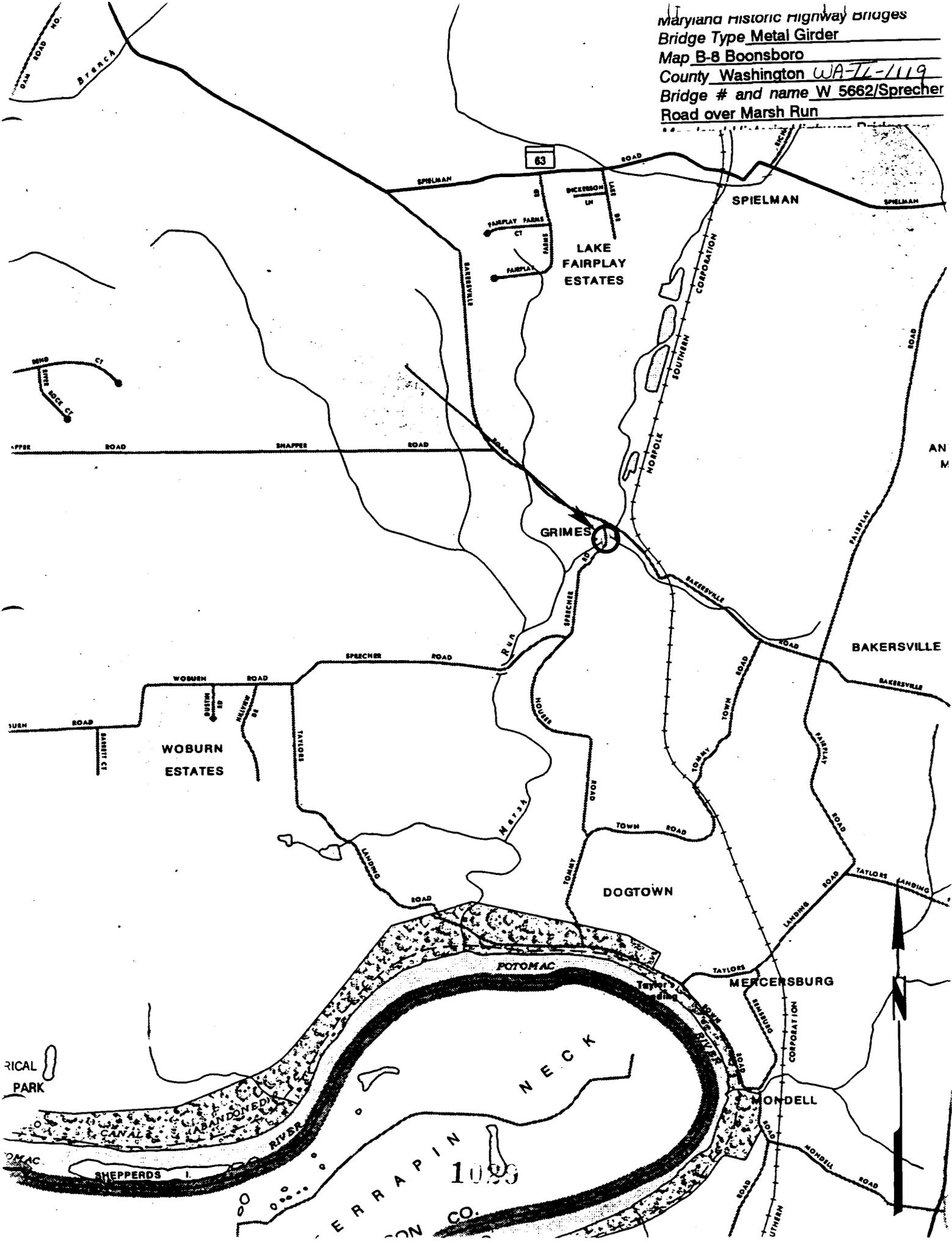
Surveyor:

Name: Stephanie L. Bandy **Date:** September 1995

Organization: State Highway Admin. **Telephone:** (410) 321-2213

Address: 2323 West Joppa Road Brooklandville, MD 21022

Maryland historic highway bridges
 Bridge Type Metal Girder
 Map B-8 Boonsboro
 County Washington WA-7L-1119
 Bridge # and name W 5662/Sprecher
 Road over Marsh Run



1099

ERRAPIN
 CO.



WA-II-1119
OVER MARSH RUN (W5662)

WASHINGTON CO., MD

CHARLES RIEGLER

2/24/95

S.H.A.

SOUTH APPROACH

1 OF 4



WEIGHT
LIMIT
15
TONS

WA-II-1119 (BR # 20566210) (N 5662)

OVER MARSH RUN

WASHINGTON CO, MD.

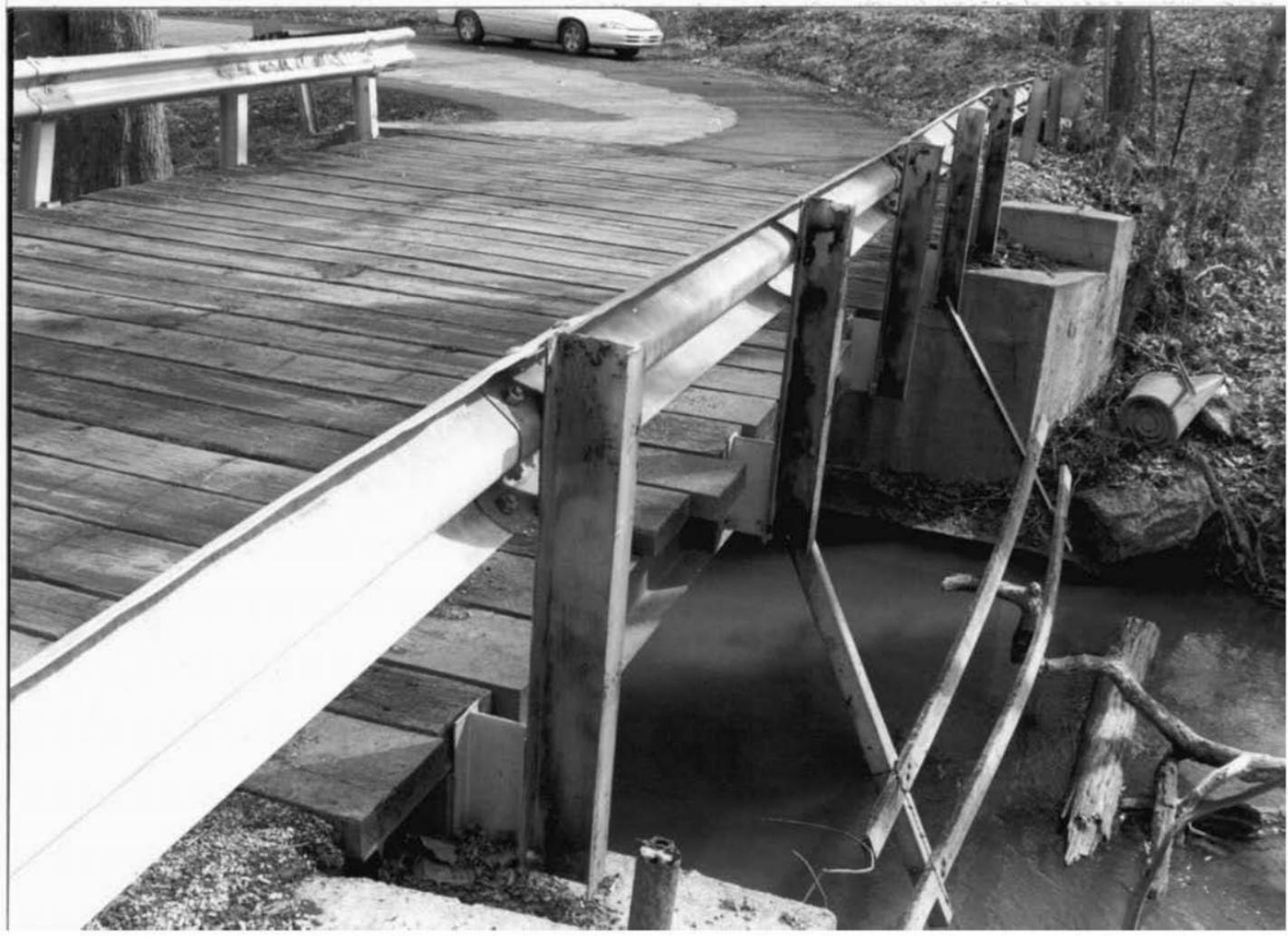
CHARLES ZIEGLER

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S. H. A.

NORTH APPROACH

2 OF 4



WA-II-1119

(BR# 20566210) W5662

OVER MARSH RUN

WASHINGTON CO., MD

CHARLES ZIEGLER

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WEST ELEVATION!

3 OF 4



WA-II-1119

(BR # 20566210) W 5662

OVER MARSH RUN

WASHINGTON CO., MD.

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EAST ELEVATION

4 OF 4