

Maryland Historical Trust

Maryland Inventory of Historic Properties number:

Name: _____

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 <u> X </u>	Eligibility Not Recommended <u> </u>
Criteria: <u> A </u> <u> B </u> <u> C </u> <u> D </u> Considerations: <u> A </u> <u> B </u> <u> C </u> <u> D </u> <u> E </u> <u> F </u> <u> G </u> <u>None</u>	
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>

Ans

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

MHT Number WA-HAN-349

Name and SHA No. US 522 over MD 144 and Tonoloway Creek/21124 (2112410)

Location:

Street/Road Name and Number: US 522

City/Town: Hancock Vicinity

County: Washington

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 21124 (2112410) carries US 522 over MD 144 and Tonoloway Creek in Washington County, Maryland. US 522 runs north-south at this location; Tonoloway Creek and MD 144 run east-west. The bridge is located in an urban setting, with 19th and 20th century structures in view.

Describe Superstructure and Substructure: Bridge 21124 (2112410) is a four span combination riveted plate girder and steel truss, with a concrete deck. There is a concrete and steel rail barrier wall on both sides of the entire length of the deck, and there are W-beam guardrails on both sides of both approaches. The substructure is three steel beam rhomboid trusses resting atop 3 concrete piers, and concrete abutments and wing walls.

Discuss Major Alterations: This structure was rehabilitated in 1980. At this time the deck was removed and replaced, and the barrier wall and guardrails were replaced. There were also repairs made to the beams, piers and abutments.

History:**When Built:** 1937**Why Built:** local transportation needs**Who Built:** State Roads Commission**Why Altered:** structural and safety improvements**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:** no**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:It is possible that this bridge may be considered a significant example of a combination plate girder and deck truss bridge, and should be compared to other local examples of its type.

Does the bridge retain integrity of the important elements described in the Context Addendum:There were major alterations made to the deck and floor system, considered secondary and tertiary CDE's, in 1980. Other than these modifications, there is no indication that any of the other important elements of the original structure have been altered. Therefore, the substructure may retain its integrity.

Is the bridge a significant example of the work of the manufacturer, designer, and/or engineer and why:This bridge may be considered a significant example of the work of the State Roads Commission in the early 20th century, because of it's unique substructure construction. It should be compared to other local examples of its type.

Should this bridge be given further study before significance analysis is made and why:This bridge warrants further study before determination as to it's integrity can be made.

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.

State Highway Administration

v.d. Bridge Inspection Files.

United States Geological Survey

1951 7.5' Hancock Quadrangle, photorevised 1971.

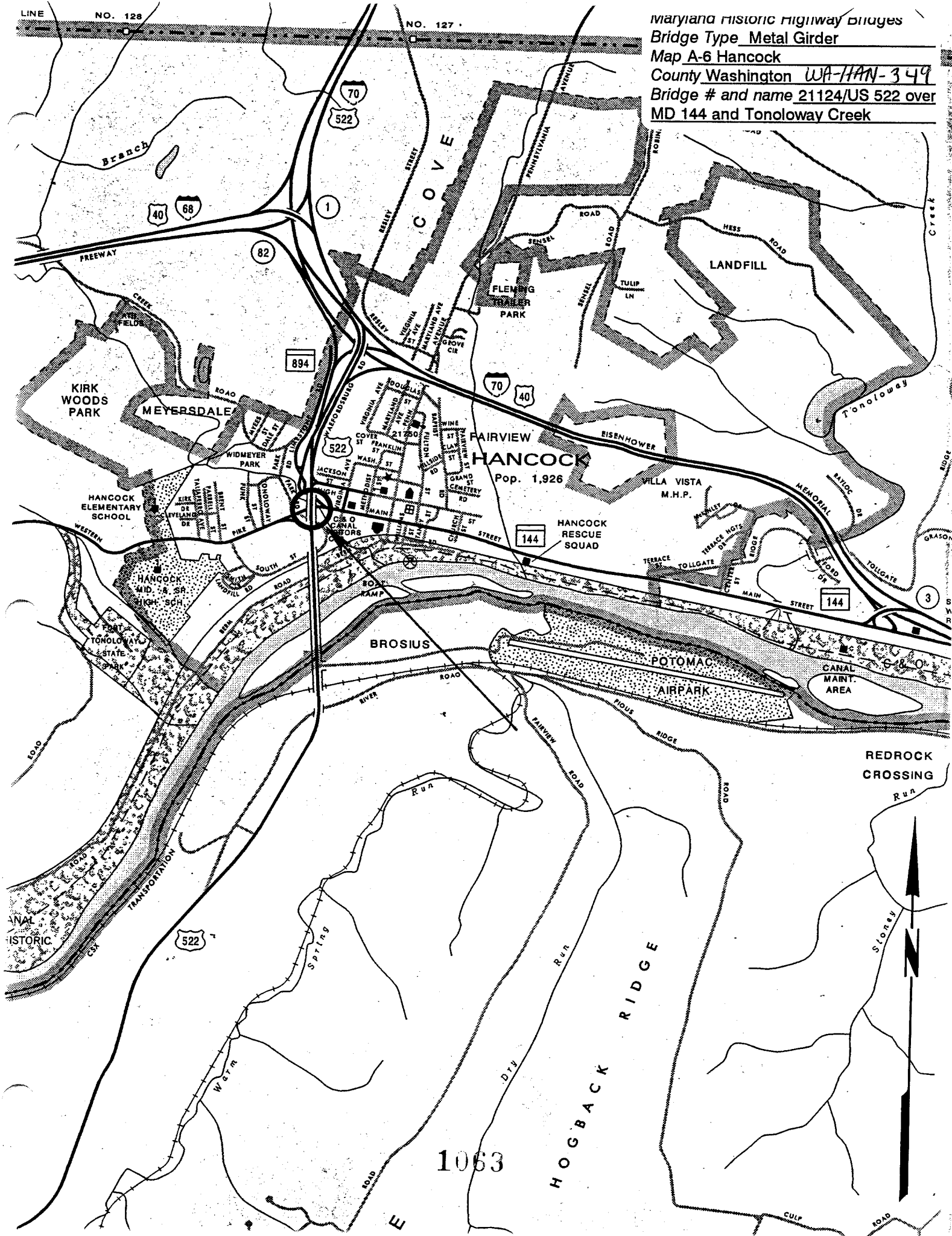
Surveyor:

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 A-6 Hancock
County Washington WA-HAN-349
Bridge # and name 21124/US 522 over
MD 144 and Tonoloway Creek





WAHAN-349

(BR# 2112410) 21124

OVER M.D. 144 AND TONDLOWAY CREEK

WASHINGTON CO., MD.

CHARLES ZIEGLER

2/22/95

S. H. A.

EAST ELEVATION FROM SOUTH
LOOKING NORTH

1 OF 6



WA-HAN-349 (BR#2112410) 21124

OVER MD 144 AND TONOLOWAY CREEK

WASHINGTON CO., MD

CHARLES ZIEGLER

2/22/95

S. H. A

EAST ELEVATION FROM NORTH LOOKING
SOUTH

2 OF 5



WATHAN-3A9 (BR#2112410) 2/1/24

OVER MD 149 AND TONOLWAY CREEK

WASHINGTON CO. MD.

CHARLES ZIEGLER

2/22/95

S. H. A.

WEST ELEVATION FROM SOUTH

LOOKING NORTH

3 OF 5



WA-HAN-349

(BR # 2112410) 21124

OVER MD 144 AND TONOLOWAY CREEK
WASHINGTON CO. MD.

CHARLES ZIEGLER

2/22/95

S. H. A.

WEST ELEVATION FROM NORTH
LOOKING SOUTH

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WA-HAN-349 (BR# 2112410) 21124

OVER MD 144 AND TONOLOWAY CREEK
WASHINGTON CO., MD

CHARLES ZIEGLER

2/22/95

S. H. A

NORTH APPROACH

5 OF 6



WA-HAN-349 (BR# 2112410) 21124

OVER MD 144 AND TONOLOWAY CREEK

WASHINGTON CO., MD.

CHARLES ZIEGLER

2/22/95

S. H. A.

SOUTH APPROACH

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