

Memo to file

March 16, 2016

From: Casey Pecoraro
Inventory Registrar

Re: WO-487
SHA Bridge No. 2300100

The following Historic Bridge Inventory form, prepared in 1995 to document the metal girder bridge carrying MD 12 over Nassawango Creek, was completed using SHA Bridge No. 23001. The SHA Office of Structures, Remedial Section, later changed the formatting of bridge numbers from five-digits to seven or nine-digits (Anne Bruder, personal communication, June 26, 2015).

SHA Bridge No. 23001 corresponds with SHA Bridge No. 2300100.

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

MHT Number WO-487

Name and SHA No. 23001 over Nassawango Creek

Location:

Street/Road Name and Number: MD 12 over Nassawango Creek

City/Town: Millville Vicinity X

County: Worcester

Ownership: X State ___ 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:**

Bridge No. 23001 carries two lanes of MD Route 12 northwest-southeast over Nassawango Creek in Worcester County, Maryland. Both approaches are straight and level for a distance of several hundred feet. The bridge is located in rural Worcester county. Some commercial buildings are located along the northwest approach to the bridge. The margins of the creek and the southeast approach are wooded. Nassawango Creek is a fresh water creek with gentle falls under the bridge.

Describe Superstructure and Substructure:

Bridge No. 23001, built in 1927, is a 2 span steel beam bridge, supported by a single concrete pier and 2 concrete abutments. Each span is 36' long, for a total length of 72'. The bridge deck consists of a 7" concrete deck overlaid with a 2" to 2 1/2" bituminous wearing surface, with a 48' roadway width. The shoulder lanes have no bituminous wearing surface.

The abutment backwalls have fine vertical and map cracking. The pier cap has vertical and map cracking, and steel beams have spot to light rust. The monotube piles at the pier have scaling rust at the waterline.

Discuss Major Alterations:

This bridge was originally built as a concrete slab bridge. In 1954 the structure was widened on each side by approximately 10'. The existing concrete slab was removed to the top of the abutment and to the bridge seat, and the wingwalls were removed. Additional piles were driven to support the wider piers and new wingwalls. Steel beams were installed and a concrete deck was poured.

History:**When Built:** 1927 (widened 1954)**Why Built:** Local transportation needs**Who Built:** Unknown**Why Altered:** Structural and safety needs**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:

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, the construction and/or alteration of this bridge has had no 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 is not located in an area which may be eligible for historic designation.

Is the bridge a significant example of its type?

No, this bridge is not a significant example of its type.

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

This bridge does not retain integrity of its primary character defining elements. In 1954 the existing concrete slab and wingwalls were removed, while the substructure was heavily modified. Steel beams and a new concrete deck were installed.

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

Further study of this bridge is unnecessary. This bridge no longer retains the integrity of its primary character defining elements, and is not eligible for inclusion on the National Register of Historic Places.

Bibliography:

Greiner, Inc.

1995 Maryland Inventory of Historic Bridges.

Jacob, John E. Jr.

1877 Atlas of Wicomico, Worcester and Somerset Counties.

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
1966 7.5' Snow Hill Quadrangle
United States Geological Survey
1901 15' Snow Hill Quadrangle.

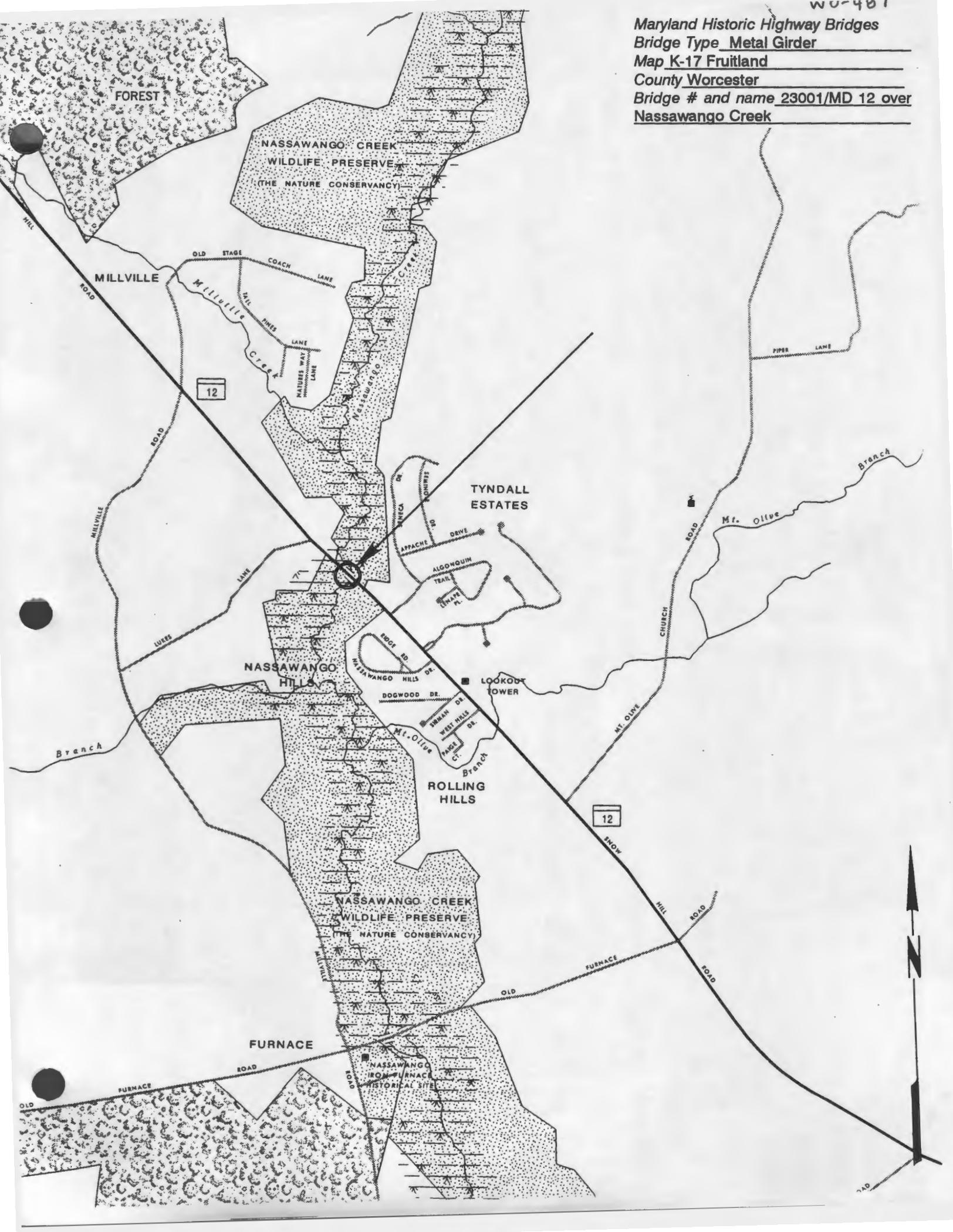
Surveyor:

Name: Jason D. Moser **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 K-17 Fruitland
 County Worcester
 Bridge # and name 23001/MD 12 over Nassawango Creek





W0-487

WORCESTER COUNTY

MATT HICKSON

2-3-95

~~MARYLAND SHPO~~ SHA

BRIDGE 23001, LOOKING NW ON MD 12

1 OF 5



W0-487

WORCESTER COUNTY

MATT HICKSON

2-3-95

~~MARYLAND SHPD~~ SH7

BRIDGE 23001, LOOKING SE ON MD 12

2 OF 5

23001 1955

W0-487

WORCESTER COUNTY

MATT HICKSON

2-3-95

~~MARYLAND SHPD~~ S/A

BRIDGE 23001, "1955" IMPRINT ON DOWSTREAM
PARAPET

3 of 5



W0-487

WORCESTER COUNTY

MATT HICKSON

2-3-95

~~MARYLAND SHPO~~ SHA

BRIDGE 23001, LOOKING UPSTREAM (EAST)

4 OF 5



W0-487

WORCESTER COUNTY

MATT HICKSON

2-3-95

~~MARYLAND SHPD~~ SHA

BRIDGE 23001, LOOKING DOWNSTREAM (WEST)

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