

Maryland Historical Trust

Maryland Inventory of Historic Properties number: ~~QA-585~~ QA-485

Name: 17016 / MD 213 OVER PARSONS 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 _____	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>

Jmey

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

QA-485
MHT Number ~~QA-585~~

Name and SHA No. 17016 over Browns Branch

Location:

Street/Road Name and Number: MD 213 over Browns Branch

City/Town: Church Hill Vicinity X

County: Queen Anne's

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. 17016 carries MD Rte 213 north-south over Brown's Branch in Queen Anne's County, Maryland. The approaches roadways are generally straight with a slight curve on the southern approach. There are W-beam guardrails on the approaches. The area around the bridge is heavily wooded and rural.

Describe Superstructure and Substructure:

Bridge No. 17016 was originally constructed as a 2-span reinforced concrete girder bridge. It was subsequently widened on both sides with single-span steel beams. To accomplish this, only the abutments were extended, the pier was unaltered. Each span is 16' long for a total length of 32'. The bridge is supported by one reinforced concrete pier and two reinforced concrete abutments, and concrete wingwalls. W-beam guardrails are attached to the bridge.

Deterioration to the substructure includes full height cracks in the abutments. Concrete surfaces of the pier have scale 1/2" deep on both faces. The eastern widened portion of the north abutment has rotated forward 1' at the top of the breastwall. It appears that this differentiation occurred at the construction joint was routed and filled.

Discuss Major Alterations:

The bridge deck was widened by adding steel beams, and by widening the abutments.

History:

When Built: Bridge widened in 1954

Why Built: Local transportation needs

Who Built: Unknown

Why Altered: Bridge widening

Was this bridge built as part of an organized bridge building campaign: Yes, it was built as part of the statewide road improvement campaign.

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 and 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?

No, this bridge does not retain the integrity of its primary character defining elements. Both the superstructure and the substructure have been heavily modified to widen the bridge.

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

No further study of this bridge is warranted. This bridge does not retain its integrity as defined by the Context Addendum, it is not a unique engineering achievement, nor does it have an historical significance, and it is not eligible for inclusion on the National Register of Historic Places.

Bibliography:

Greiner, Inc.

1995 Maryland Inventory of Historic Bridges.

Lamb, Francis

1877 Atlas of Kent and Queen Anne's County.

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

1958 7.5' Church Hill Quadrangle, photorevised 1973.

QA-485

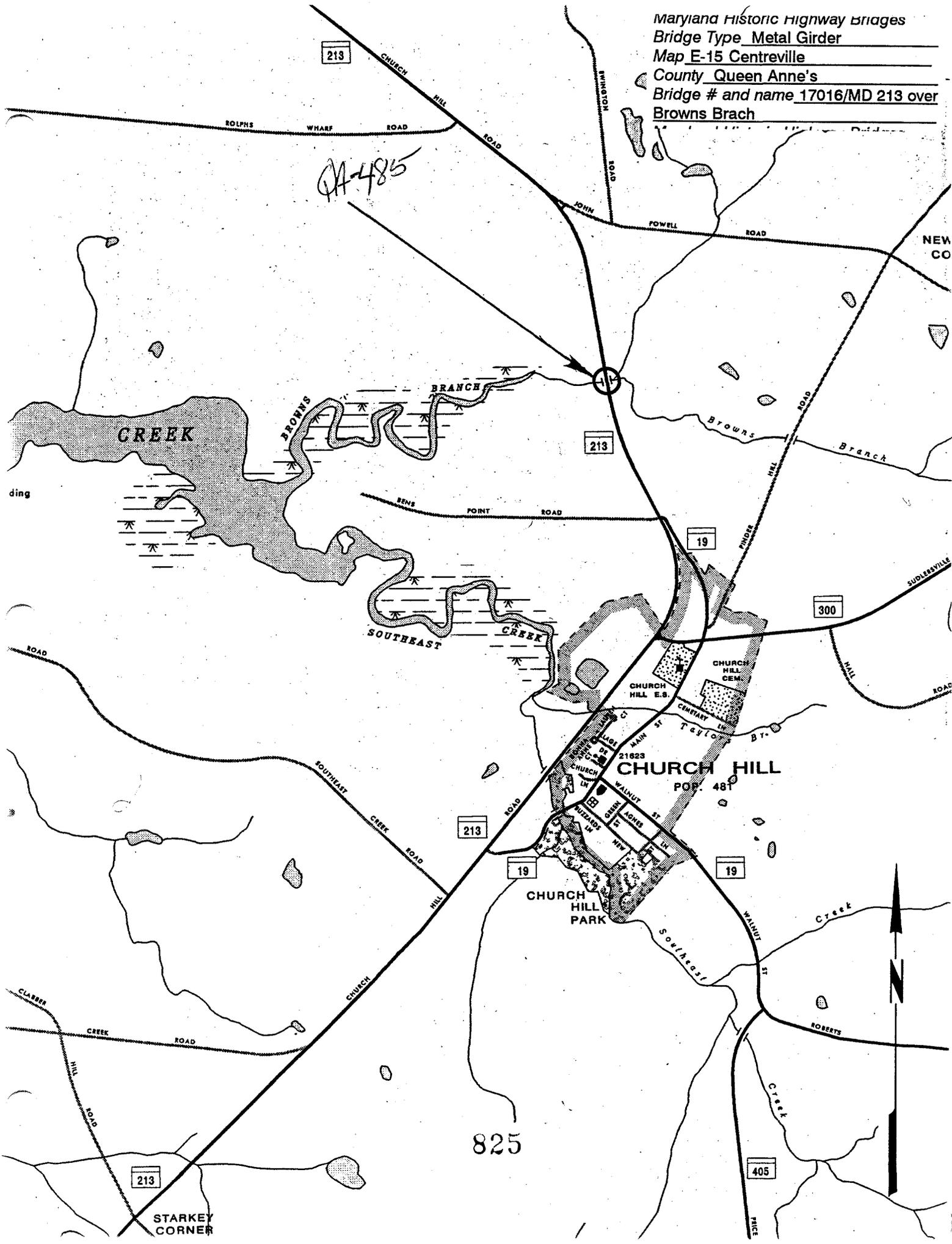
United States Geological Survey
1905 15' Barclay Quadrangle.

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 E-15 Centreville
County Queen Anne's
Bridge # and name 17016/MD 213 over
Browns Brach

PA-485



825

213

405

STARKEY CORNER



QA-485

QUEEN ANNES COUNTY

MATT HICKSON

3-16-95

~~MARYLAND SHPO~~ SHP

BRIDGE 17016, LOOKING SOUTH

1 OF 4



QA-485

QUEEN ANNES COUNTY

MATT HICKSON

3-16-95

~~MARLAND ST~~ SH A

BRIDGE 17016, LOOKING NORTH

2 OF 4



QA-485

QUEEN ANNES COUNTY

MATT HICKSON

3-16-95

~~MARYLAND~~ SUPD SHA

BRIDGE 17016, LOOKING UPSTREAM (EAST)

3 OF 4



QA-485

QUEEN ANNES COUNTY

MATT HICKSON

3-16-95

MARYLAND SHPD SH1A

BRIDGE 17016, LOOKING DOWNSTREAM (WEST)

4 OF 4