

Maryland Historical Trust

Maryland Inventory of Historic Properties number: PA-479

Name: MD 405 OVER SOUTHEAST CREEK/17033

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 <input checked="" type="checkbox"/>	Eligibility Not Recommended <input type="checkbox"/>
Criteria: <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D	Considerations: <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E <input type="checkbox"/> F <input type="checkbox"/> G <input type="checkbox"/> 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>

MARYLAND INVENTORY OF HISTORIC PROPERTIES
HISTORIC BRIDGE INVENTORY
MARYLAND STATE HIGHWAY ADMINISTRATION
MARYLAND HISTORICAL TRUST

MHT NO. QA-479

NAME AND SHA NO.: 17033

LOCATION

Road Name and Number: MD 405 over Southeast Creek

City/Town: Church Hill X vicinity

County: Queen Anne's

Ownership: X State County Municipal Other

Bridge projects over: Road Railway X Water Land

Is bridge located within 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 Bridge
- Metal Truss Bridge
- Moveable 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
- X Concrete
 Concrete Arch Concrete Slab X Concrete Beam Rigid Frame
 Other Type Name

DESCRIPTION

Describe the Setting:

Bridge 17033 is located approximately one mile south of the town of Church Hill in central Queen Anne's County near the junction of MD 19 and MD 405 in Maryland's Tidewater physiographic zone. MD 405 runs north-south while Southeast Creek flows westerly into the Chester River.

**Describe the Superstructure and Substructure:
(Discuss points identified in Context Addendum, Section C)**

Bridge 17033 consists of a single, 32-foot long, concrete-beam span with a 27 foot clear roadway providing support for two traffic lanes. Balustrades enframe the roadway. Concrete abutments and wing walls undergird the superstructure. The parapets have approach guardrails attached.

A survey of historic concrete beam bridges undertaken by the Maryland State Highway Administration in the Fall of 1995 identified 113 bridges of that type located throughout the state. Slightly more than two-thirds (76) of that total were single-span bridges.

Discuss major alterations:

Inspection documents do not describe any major alterations to the fabric or placement of Bridge 17033.

HISTORY

When Built: 1933

Why Built: Unknown

Who Built: State Roads Commission

Who Designed: Unknown

Why Altered: Not applicable.

Was this bridge built as part of an organized bridge building campaign?: No, historic documents do not indicate that this bridge was erected as part of an organized building campaign.

SURVEYOR ANALYSIS

This bridge may have NR significance for association with:

A (Events) B (Person) C (Engineering/Architectural Character)

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Was this bridge constructed in response to significant events in Maryland or local history?

Research has not identified any significant events or trends in Maryland or local history that contributed to Bridge 17033's construction.

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?

Construction of Bridge 17033 had a negligible impact on the surrounding area's development and growth.

Is the bridge located in an area which may be eligible for historic designation, and would the bridge add or detract from the historic and visual character of the possible district?

No, Bridge 17033 does not appear to be located in an area potentially eligible for historic designation.

Is the bridge a significant example of its type?

No, this bridge is not a significant example of its type. Although most of its character defining elements survive with good integrity, the structure is a commonplace example of a standard bridge type.

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

Despite evidence of spalling, cracking and scaling of many super- and substructure elements, Bridge 17033 appears to retain good integrity of its character defining elements. Inspection records do not indicate that any prior insensitive repairs or major alterations have occurred to the bridge.

Is the bridge a significant example of the work of the manufacturer, designer, and/or engineer, and why?

Although probably a variant of the State Roads Commission's 1933 standard plan for concrete girder bridges, Bridge 17033 is neither a significant example of that type nor of the Commission's bridge construction efforts in general.

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

No. Further study is unlikely to reveal any additional information linking Bridge 17033 with any significant patterns, events or persons, or associations with significant engineering and/or methods of construction.

BIBLIOGRAPHY

Maryland State Highway Administration

Bridge Inspection Reports. On file at 707 North Calvert Street, Baltimore.

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

1994 *Historic Bridges in Maryland: Historic Context Report.* Maryland State Highway Administration, Baltimore.

State Roads Commission of Maryland

1934 *Report of the State Roads Commission of Maryland. Operating Report for the Years 1933 - 1934.* Baltimore.

1958 *A History of Road Building in Maryland.* Baltimore.

SURVEYOR INFORMATION

Name: Stuart Paul Dixon/Steven Linhart

Organization: KCI Technologies, Inc.

Address: 5001 Louise Dr., Suite 201
Mechanicsburg, PA 17055

Date: 13 May 1996

Telephone: (717) 691-1340



QA-479

QUEEN ANNE'S COUNTY

MATT HICKSON

3-16-95

~~MARYLAND SHPO~~ SHA

BRIDGE 17033, LOOKING NE

1 OF 4



QP-479

QUEEN ANNES COUNTY

MATT HICKSON

3-16-95

MARYLAND SHPO - 14

BRIDGE 17033, LOOKING SW

2 OF 4



OP-479

QUEEN ANNES COUNTY

MATT HICKSON

3-16-95

MARYLAND SHPO S.H.A.

BRIDGE 17033, LOOKING UPSTREAM (SOUTH)

3 OF 4



QA-479

QUEEN ANNES COUNTY

MATT HICKSON

3-16-95

MARYLAND SHPO

SHA

BRIDGE 17033, LOOKING DOWNSTREAM (NW)

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