

Maryland Historical Trust

Maryland Inventory of Historic Properties Number: ~~BA-4538~~ BA-3132

Name: BC-6524 - Spook Hill Rd over Frog Hollow 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 bridged received the following determination of eligibly.

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

NAME AND SHA NO.: BC-6524

LOCATION

Road Name and Number: Spook Hill Road over Frog Hollow Run

City/Town: Rayville vicinity

County: Baltimore

Ownership: State County Municipal Other

Bridge projects over: Road Railway Water Land

Is bridge located within 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 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

Concrete
 Concrete Arch Concrete Slab Concrete Beam Rigid Frame
 Other Type Name

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RA-3132
MHT NO. ~~B-4538~~

DESCRIPTION

Describe the Setting:

Located in northwestern Baltimore County in Maryland's Piedmont physiographic province, Bridge BC-6524 carries Spook Hill Road over Frog Hollow Run. Surrounded by wooded, gently-rolling countryside, Spook Hill Road stretches in a primarily east-west direction crossing Frog Hollow Run northeast of Prettyboy Reservoir.

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

Bridge BC-6524 consists of a single concrete-beam span measuring 24 feet in total length and carrying a 21-foot wide clear roadway surfaced with a bituminous overlay. Constructed on a horizontal curve, Bridge BC-6524 exhibits w-beam guardrails on its approaches that have not been attached to bridge parapets. Concrete abutments and wing walls undergird the bridge superstructure.

Current inspection reports describe the bridge in fair condition. The beams display random cracking and spalling. Girder G4 features heavy stalactites with heavy efflorescence. Moderate efflorescence characterizes the undersides of girders G2 and G3. Both the abutments and the wing walls feature hairline cracks with heavy efflorescence.

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:

City inspection reports do not indicate any alterations to the bridge.

HISTORY

When Built: 1933

Why Built: Unknown

Who Built: Unknown

Who Designed: Unknown

Why Altered: Does not apply.

Was this bridge built as part of an organized bridge building campaign?: Research has not revealed any relationships between Bridge BC-6524 and any organized building campaigns.

SURVEYOR ANALYSIS

This bridge may have NR significance for association with:

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

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

Bridge BC-6524 may relate to construction of Prettyboy Reservoir during the early part of this century in order to provide the City of Baltimore with a constant water supply.

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 BC-6524 does not appear to have had any impact on the 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 BC-6524 is not located in an area potentially eligible for historic designation.

Is the bridge a significant example of its type?

No, Bridge BC-6524 is not a significant example of its type.

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

The condition of the bridge's character defining elements, its beams and slab, abutments, wing walls and parapets have deteriorated and thus only possess fair integrity.

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

City records do not identify the original construction authority, and therefore evaluating the bridge as a significant example of its manufacturer is problematic.

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

Yes. Further study may identify the original construction body as well as any potential relationships between the bridge's erection and the completion of Prettyboy Reservoir.

BIBLIOGRAPHY

City of Baltimore Department of Public Works

Bridge Inspection Reports. On file at 417 E. Fayette 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

1933 *Financial Report of the State Roads Commission of Maryland for the Years 1929 - 1930 - 1931 - 1932 and Addenda 1933*. Baltimore.

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.

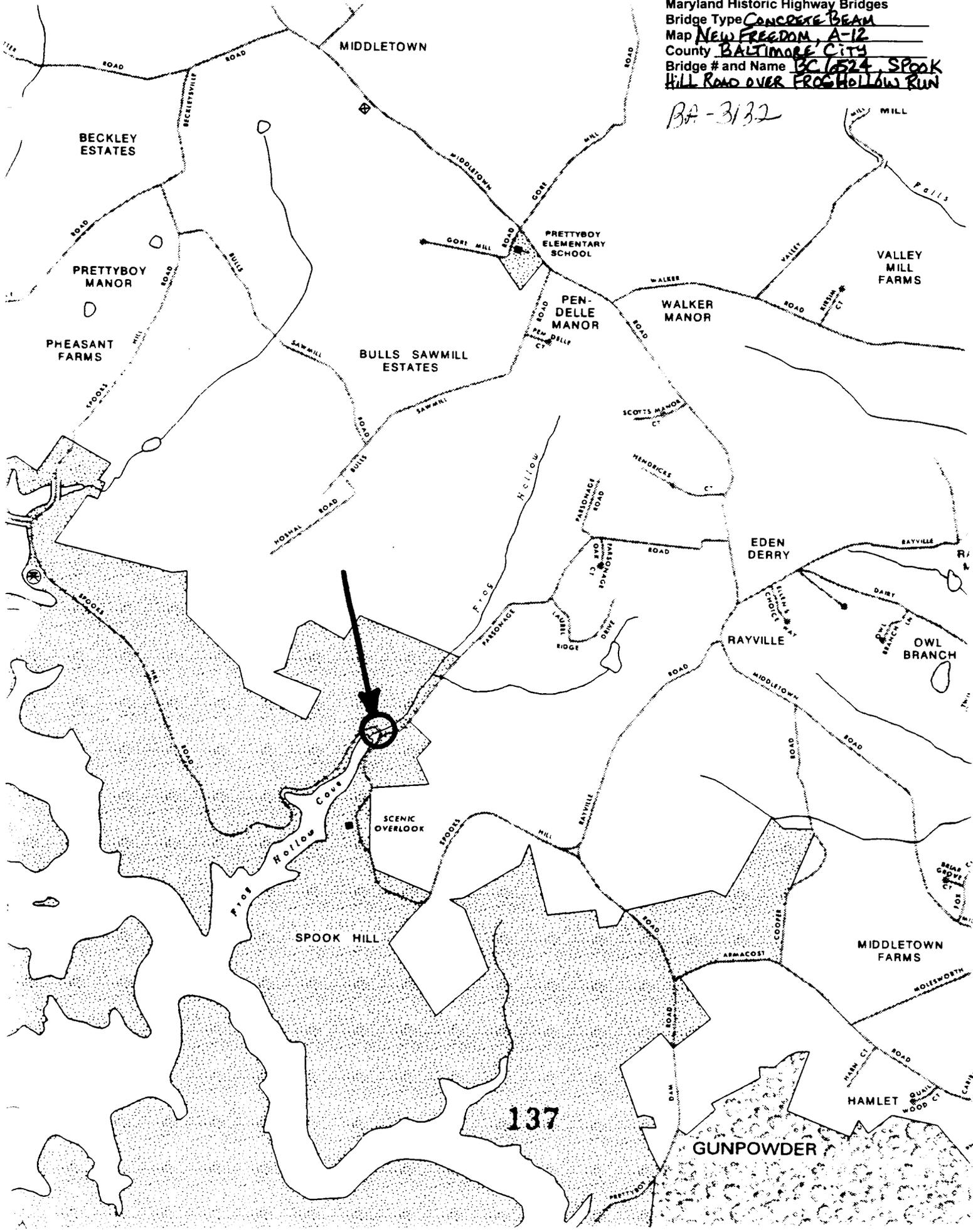
SURVEYOR INFORMATION

Name: Stuart Paul Dixon
Organization: KCI Technologies, Inc.
Address: 5001 Louise Dr., Suite 201
Mechanicsburg, PA 17055

Date: 13 May 1996
Telephone: (717) 691-1340

Maryland Historic Highway Bridges
Bridge Type CONCRETE BEAM
Map NEW FREEDOM, A-12
County BALTIMORE CITY
Bridge # and Name BC 16524, SPOOK HILL ROAD OVER FROG HOLLOW RUN

BA-3132





Inventory # BA-3132

Name 6524-SPOOK HILL RD OVER FROG HOLLOW RUN

County/State BALTIMORE CITY/MD

Name of Photographer DAVE DIEHL

Date 1/95

Location of Negative SHA

Description SOUTH APPROACH LOOKING
NORTHWEST

Number 1 30 of 39 4



Inventory # BA-3132

Name 6524 - SPOOK HILL RD OVER FROG HOLLOW RUN

County/State BALTIMORE CITY/MD

Name of Photographer DAVE DIEHL

Date 11/95

Location of Negative SHA

Description EAST ELEVATION LOOKING WEST

Number ²X of 374



Inventory # BA-3132

Name 6524-SPARK HILL RD OVER FROG HOLLOW RUN

County/State BALTIMORE CITY/MO

Name of Photographer DAVE DEHL

Date 1/95

Location of Negative SHA

Description WEST ELEVATION LOOKING
EAST

Number ³~~38~~ of ⁴~~39~~



Inventory # BA-3132

Name 6524-SPOOK HILL RD OVER FROG HOLLOW RUN

County/State BALTIMORE CITY/MD

Name of Photographer DAVE DIEHL

Date 1/95

Location of Negative SHA

Description NORTH APPROACH LOOKING

SOUTHEAST

Number 4 of 4
33 of 39