

Maryland Historical Trust

Maryland Inventory of Historic Properties Number: ~~B-4537~~ BA-2734

Name: Georges Crk Rd over Georges Run (BC-6521)

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>

jmz

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

MHT NO. ~~B-4537~~

NAME AND SHA NO.: BC-6521

LOCATION

Road Name and Number: Georges Creek Road over Georges Run

City/Town: Beckleysville 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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DESCRIPTION

Describe the Setting:

Bridge BC-6521 carries Georges Creek Road over Georges Run in northwestern Baltimore County. Composing part of Maryland's Piedmont physiographic zone, the gently rolling countryside is heavily wooded. Georges Creek Road meanders in a roughly north-south direction crossing the primarily northeastward flowing Georges Run shortly prior to its emptying into Prettyboy Reservoir.

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

Situated on a horizontal curve, Bridge BC-6521 consists of two 41-foot concrete beam spans with a 20-foot wide clear roadway covered with a bituminous surface. Concrete parapets enframe the roadway while wire mesh connected to short wooden posts protects the approaches. Concrete abutments, wing walls, and a concrete pier support the bridge's superstructure.

Recent inspections of the bridge's condition have noted spalling, delaminated concrete, cracking, efflorescence and exposed reinforcing members. Only 20 feet of the entire 84-foot long east curb remains as a result of deterioration and spalling. The top of the parapet displays a 10-foot delaminated section in addition to random spalling and hairline cracking. Girder G2 exhibits exposed re-steel under the north abutment and random cracking. Transverse and horizontal cracks with efflorescence characterize girders G1, G2, G4 and G5.

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. Nearly one-quarter (26) of that total were double-span bridges; 37 bridges (33%) were multiple span.

Discuss major alterations:

City of Baltimore bridge inspection records indicate that no alterations to the bridge's fabric or placement have been undertaken.

HISTORY

When Built: 1933

Why Built: Unknown

Who Built: Unknown

Who Designed: Unknown

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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-6521 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-6521 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-6521 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-6521 is not located in an area potentially eligible for historic designation.

Is the bridge a significant example of its type?

No, Bridge BC-6521 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.

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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.

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.

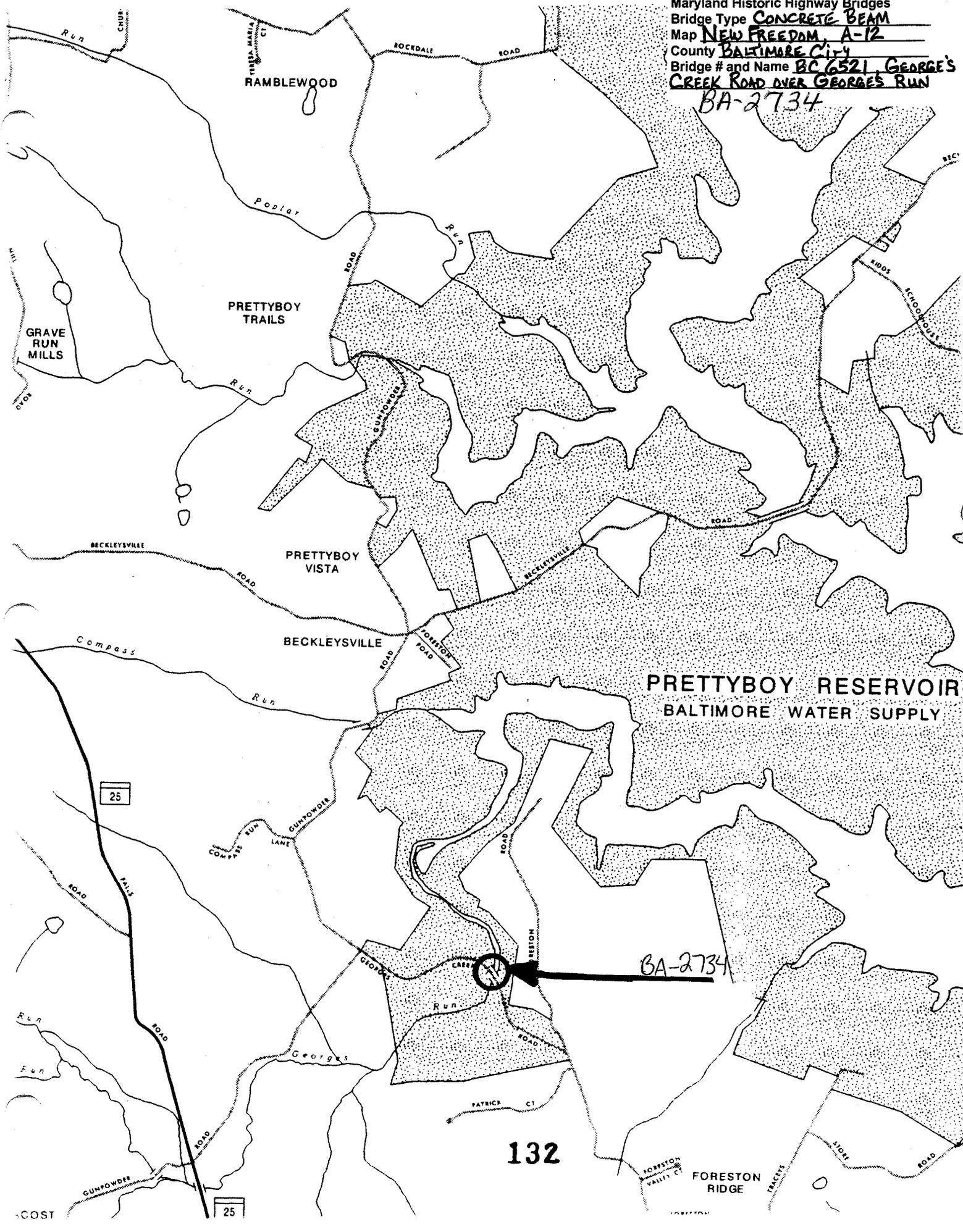
1934 *Report of the State Roads Commission of Maryland. Operating Report for the Years 1933 - 1934.* Baltimore.

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

SURVEYOR INFORMATION

Name:	<u>Stuart Paul Dixon</u>	Date: <u>13 May 1996</u>
Organization:	<u>KCI Technologies, Inc.</u>	Telephone: <u>(717) 691-1340</u>
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Maryland Historic Highway Bridges
Bridge Type **CONCRETE BEAM**
Map **NEW FREEDOM, A-12**
County **BALTIMORE CITY**
Bridge # and Name **BC 6521 GEORGE'S CREEK ROAD OVER GEORGE'S RUN**
BA-2734



BA-2734

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FORESTON RIDGE



Inventory # BA-2734

Name 6521- GEORGES CREEK RD NEAR GEORGES RUN

County/State BALTIMORE CITY/MD

Name of Photographer DAVE DIEHL

Date 1/95

Location of Negative SHA

Description WEST APPROACH LOOKING EAST

Number 1 of 324



Inventory # BA-2734

Name 6521-GEORGES CREEK RD OVER GEORGES RUN

County/State BALTIMORE CITY/MD

Name of Photographer DAVE DIEHL

Date 1/95

Location of Negative SHA

Description SOUTH ELEVATION LOOKING

NORTHEAST

Number 28 of 32 4



Inventory # BA-2734

Name LPS21-GEORGES CREEKRD OVER GEORGES RUN

County/State BALTIMORE CITY / MD

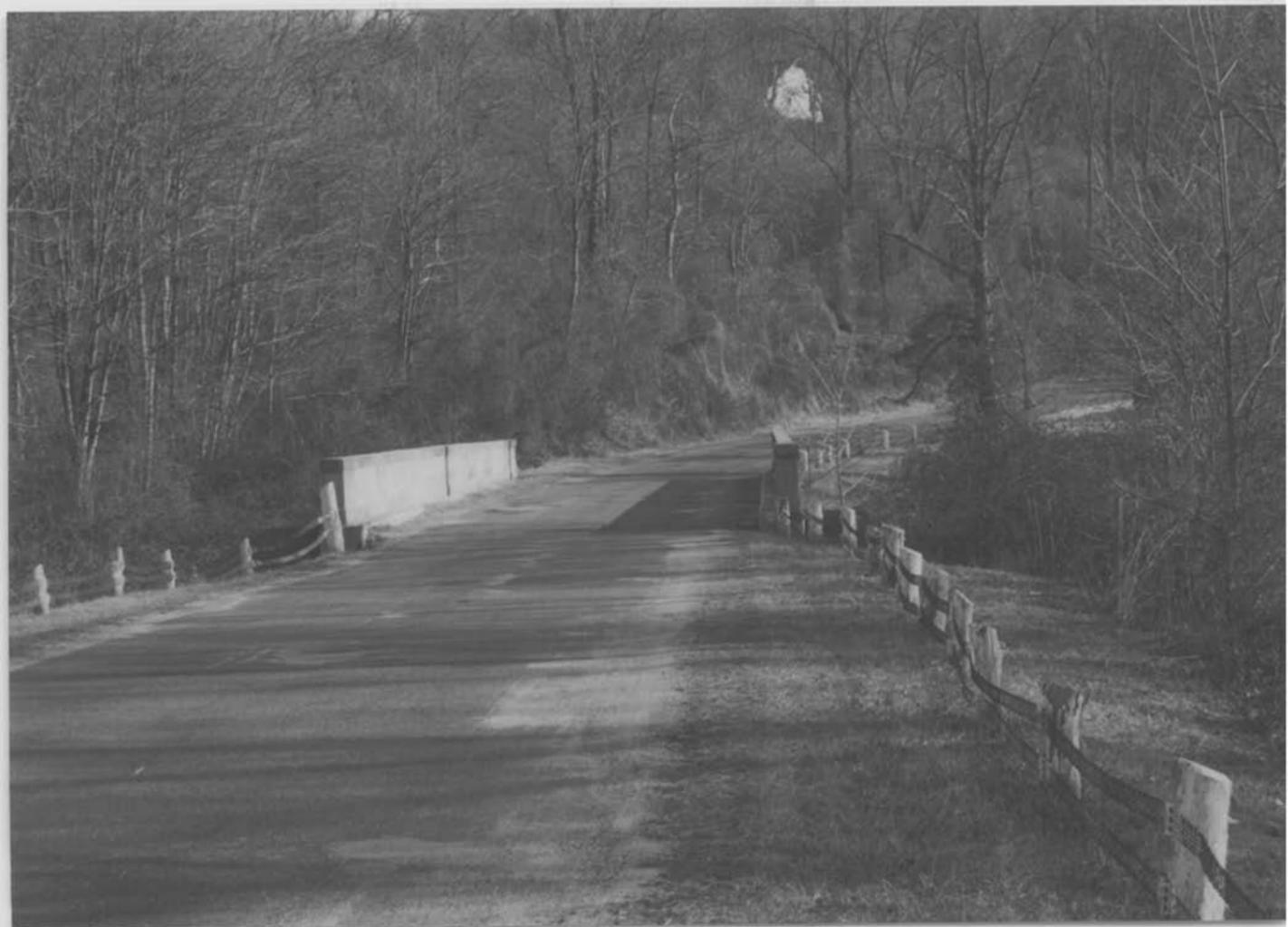
Name of Photographer DAVE DIEHL

Date 1/95

Location of Negative SHA

Description NORTH ELEVATION LOOKING SOUTH

Number 36 of 324



Inventory # BA-2734

Name 6521- GEORGES CREEK^{POVER} GEORGES RUN

County/State BALTIMORE CITY/MD

Name of Photographer DAVE DIEHL

Date 1/95

Location of Negative SHA

Description EAST APPROACH LOOKING

WEST

Number 47 of 324