

Maryland Historical Trust

Maryland Inventory of Historic Properties number: BA-2848

Name: TRENTON RD. OVER LITTLE PINEY CREEK

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>

me

MARYLAND INVENTORY OF HISTORIC BRIDGES
HISTORIC BRIDGE INVENTORY
MARYLAND STATE HIGHWAY ADMINISTRATION/
MARYLAND HISTORICAL TRUST

MHT No. BA-2848

SHA Bridge No. B0068

Bridge name Trenton Road over Little Piney Run

LOCATION:

Street/Road name and number Trenton Road

City/town Arcadia Vicinity X

County Baltimore

This bridge projects over: Road Railway Water Land

Ownership: State County Municipal Other

HISTORIC STATUS:

Is bridge located within a designated historic district? Yes No

National Register-listed district National Register-determined-eligible district

Locally-designated district Other

Name of district

BRIDGE TYPE:

Timber Bridge :

Beam Bridge Truss -Covered Trestle Timber-And-Concrete

Stone Arch Bridge

Metal Truss Bridge

Movable 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 _____

DESCRIPTION:**Describe Setting**

Bridge B0068 carries Trenton Road over Little Piney Run in Baltimore County. Trenton Road runs north and south over the eastern flowing Little Piney Run. The area immediately adjacent to the bridge has limited residential development.

Describe Superstructure and Substructure:

Bridge B0068 is a single span filled concrete arch bridge. The total length of the bridge is 25 feet with the clear span measuring 21 feet. The spandrel walls are approximately 4 feet tall and 12 feet wide. The bridge has a rise of approximately 3 feet 4 inches from springline to crown. There is a clear roadway width of 15 feet 2 inches, with an overall bridge width of 17 feet 2 inches. The arch barrel has extreme deterioration, reinforcement bar exposure, cracking and efflorescence. There are large areas of scale and reinforcement bar exposure at the joint of the parapet and spandrel wall. The spandrel walls have large areas of cracking and patched areas from previous repairs. In addition, the walls have areas of efflorescence. According to a 1995 inspection report, the bridge is in fair condition with a sufficiency rating of 58.7.

Bridge B0068 retains one of its original parapets. There is a single section running the length of the bridge including the wingwalls. This single section has no incised panels. There is extreme scaling on one of the caps of the parapets and cracking throughout the panels.

Discuss major Alterations:

The western parapet was replaced in 1983. There has also been major patching done to this bridge.

HISTORY:

WHEN was bridge built (actual date or date range) 1927
This date is: Actual Estimated
Source of date: Plaque Design plans County bridge files/inspection form
Other (specify)

WHY was bridge built? To replace an existing structure.

WHO was the designer? Unknown

WHO was the builder? Baltimore County Highways Department

WHY was bridge altered? To replace a damaged parapet.

Was bridge built as part of organized bridge-building campaign?

Yes, this bridge was built as part of Baltimore County road extensions.

SURVEYOR/HISTORIAN ANALYSIS:

This bridge may have National Register significance for its association with:

A - Events **B- Person**
C- Engineering/architectural character

This bridge was determined not eligible by the Interagency Review Committee in June 1996.

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

It is unknown why the first bridge at this site was built. However, during the early days of improved road construction in Maryland, a policy of building narrow roads and bridges was adopted so that a complete system of highways might be completed within a reasonable time limit and with limited funds. As traffic increased, it became necessary to reconstruct existing roads to greater width and strength. In 1918, the State Roads Commission developed the use of a concrete bridge. This bridge was probably built as part of the State Roads Commission's "Lateral and post Roads Loan of 1920." In 1920, the state received an appropriation of \$3,000,000. The money allowed for the construction of rural

post roads, lateral roads, and the extension of the State Roads System with the assistance of funds from the US Government and several counties in the state. The state and counties received funding for lateral road improvements.

Between 1920 and 1935, most of the Baltimore County Highways Department work concentrated on the expansion of the feeder roads to the main arteries being built by the State Roads Commission. Unlike other counties in Maryland during this period, Baltimore County maintained its own roads. Like other counties, Baltimore County has a standing contract with consultants to assist in the design and development of bridges

When the bridge was built and/or given a major alteration, did it have a significant impact on the growth & development of the area?

No, there is no evidence that this bridge had an impact on the growth of the area.

Is the bridge located in an area that may be eligible for historic designation?

No, the bridge is not located in an area that is eligible for historic designation.

Is the bridge a significant example of its type?

No, due to the current condition of the materials and design, and its relatively poor condition, this bridge does not stand as a significant example of a concrete arch bridge.

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

The bridge retains its arch, one parapet, spandrel walls, and the abutments, but all the elements are in extremely deteriorated condition.

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

No, this bridge is not a significant example of the work of a manufacturer, designer, or engineer.

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

No, this bridge should not be given further study.

BIBLIOGRAPHY:

County inspection/bridge files X SHA inspection/bridge files Other (list):

SURVEYOR/SURVEY INFORMATION:

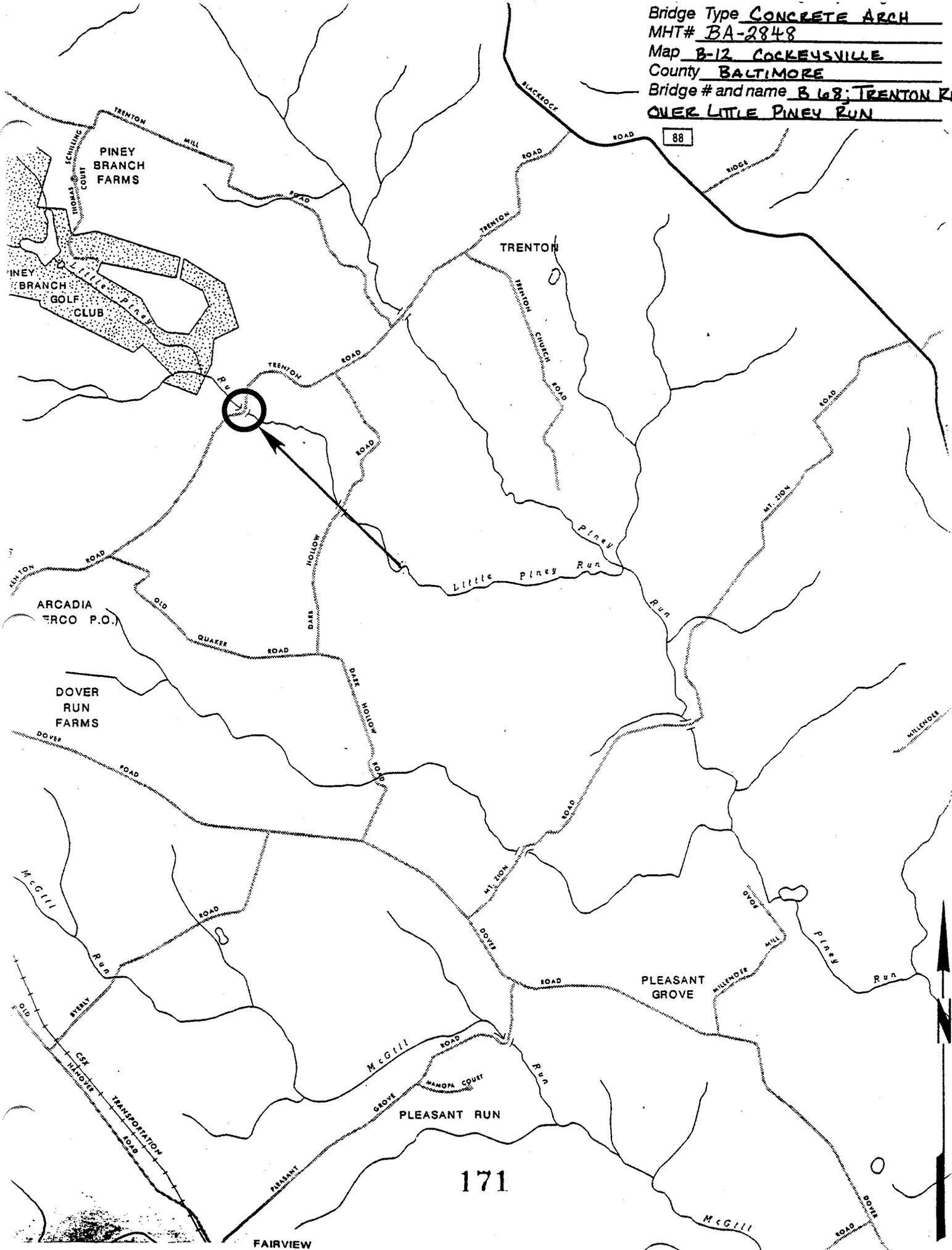
Date bridge recorded June 1996

Name of surveyor Stacie Webb

Organization/Address State Highway Administration, 707 North Calvert Street, Baltimore, MD

Edited by P.A.C. Spero & Company, December 1997.

Bridge Type CONCRETE ARCH
MHT# BA-2848
Map B-12 COCKEYSVILLE
County BALTIMORE
Bridge # and name B 68; TRENTON RD
OVER LITTLE PINEY RUN



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FAIRVIEW



Inventory # BA-2848

Name 00068 - TRENTON RD OVER LITTLE PINEY RUN

County/State BALTIMORE COUNTY/MD

Name of Photographer DAVE DIEHL

Date 1/95

Location of Negative SHA

Description NORTH APPROACH LOOKING
SOUTH

Number 14 of 34



Inventory # BA-2840

Name BOON-TRENTON RD OVER LITTLE PINEY RUN

County/State BALTIMORE COUNTY / MO

Name of Photographer DAVE DIEHL

Date 1/95

Location of Negative SHA

Description EAST ELEVATION LOOKING

NORTHWEST

Number 2 of 4



Inventory # BA-2848

Name B0068-TRENTON RD OVER LITTLE PINEYRAN

County/State BALTIMORE COUNTY/MD

Name of Photographer DAVE DIEHL

Date 1/95

Location of Negative SHA

Description WEST ELEVATION LOOKING
NORTH

Number 3 of 4



Inventory # BA-284B

Name B5068-TRENTON RD OVER LITTLE PINEY RUN

County/State BALTIMORE COUNTY/MD

Name of Photographer DAVE DIEHL

Date 1/95

Location of Negative SHA

Description SOUTH APPROACH LOOKING
NORTH

Number 4 of 39