

Maryland Historical Trust

Maryland Inventory of Historic Properties number: BA-2683

Name: BO186/SHELBOURNE RD. OVER W. HESSBET 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 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>

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

MHT No. BA-2683

SHA Bridge No. B 0186 Bridge name Shelbourne Road over West Herbert Run

LOCATION:

Street/Road name and number [facility carried] Shelbourne Road

City/town Arbitus, MD 0.17 mi S of Locust Avenue Vicinity _____

County Baltimore

This bridge projects over: Road ___ Railway ___ Water X Land ___

Ownership: State _____ County X Municipal _____ Other ___

HISTORIC STATUS:

Is bridge located within a designated historic district? Yes _____ No X

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 X _____:

Concrete Arch _____ Concrete Slab X Concrete Beam ___ Rigid Frame _____

Other _____ Type Name _____

DESCRIPTION:

Setting: Urban _____ Small town _____ Rural X

Describe Setting:

Bridge B0186 carries Shelbourne Road in a northeast-southwest direction over West Herbert Run which flows in an easterly direction. The bridge is in a relatively developed area; a school and houses are visible from the bridge.

Describe Superstructure and Substructure:

Bridge B0186 is a single span prestressed concrete slab on concrete abutments. It was built in 1930 and reconstructed in 1990. The two abutments are in sections, suggesting that the original structure has been widened. The north abutment has two concrete sections and the south abutment has a stone masonry stem in the middle with concrete sections on both sides. The span is 24.0 feet and the overall length is 25.0 feet. The curb to curb width is 30.3 feet and the deck out to out width is 32.3 feet; the skew is 40 degrees. The parapets have been removed and guardrail put in their place. A steel girder pedestrian structure runs along the east side of the bridge. The roadway supports two-way traffic. The bridge is not posted.

The 1993 inspection describes the bridge as in good condition. The superstructure is in very good condition and the substructure is in satisfactory condition. New beam seats were constructed on top of the existing abutments as part of the 1990 rehabilitation. Minor cracks with light efflorescence are typical on the concrete portions of the abutments and wingwalls, particularly on the south stem around the water line. The stone portion of the south abutment exhibits deteriorated and cracked mortar joints. A scour hole has developed along the south abutment and the southwest wingwall, the southwest wingwall is undermined.

Discuss Major Alterations:

The superstructure was replaced in 1990.

HISTORY:

WHEN was bridge built (actual date or date range) 1930, reconstructed 1990

This date is: Actual X Estimated _____

Source of date: Plaque _____ Design plans _____ County bridge files/inspection form X

Other (specify) _____

WHY was the bridge built?

The need for a more efficient transportation network and increased load capacity

WHO was the designer?

State Highway Administration

WHO was the builder?

Unknown

WHY was the bridge altered?

The bridge was altered to address structural inadequacies.

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

As part of an effort by the State to increase load capacity on secondary roads.

SURVEYOR/HISTORIAN ANALYSIS:

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

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

This bridge does not have National Register significance.

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

No.

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?

There is no evidence to suggest that the construction of this bridge had a significant impact on the growth and development of this area.

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

No, this bridge is not in an area eligible for historic designation.

Is the bridge a significant example of its type?

No. The bridge was reconstructed in 1990.

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

No, reconstructed in 1990, and superstructure replaced.

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

The bridge is not a significant example of the work a manufacturer, designer, and/or engineer.

Should the bridge be given further study before an evaluation of its significance is made?

No additional study will be needed before an evaluation of the significance of this bridge is made.

BIBLIOGRAPHY:

County inspection/bridge files X SHA inspection/bridge files _____

Other (list):

SURVEYOR:

Date bridge recorded 08/25/95

Name of surveyor Colin Farr

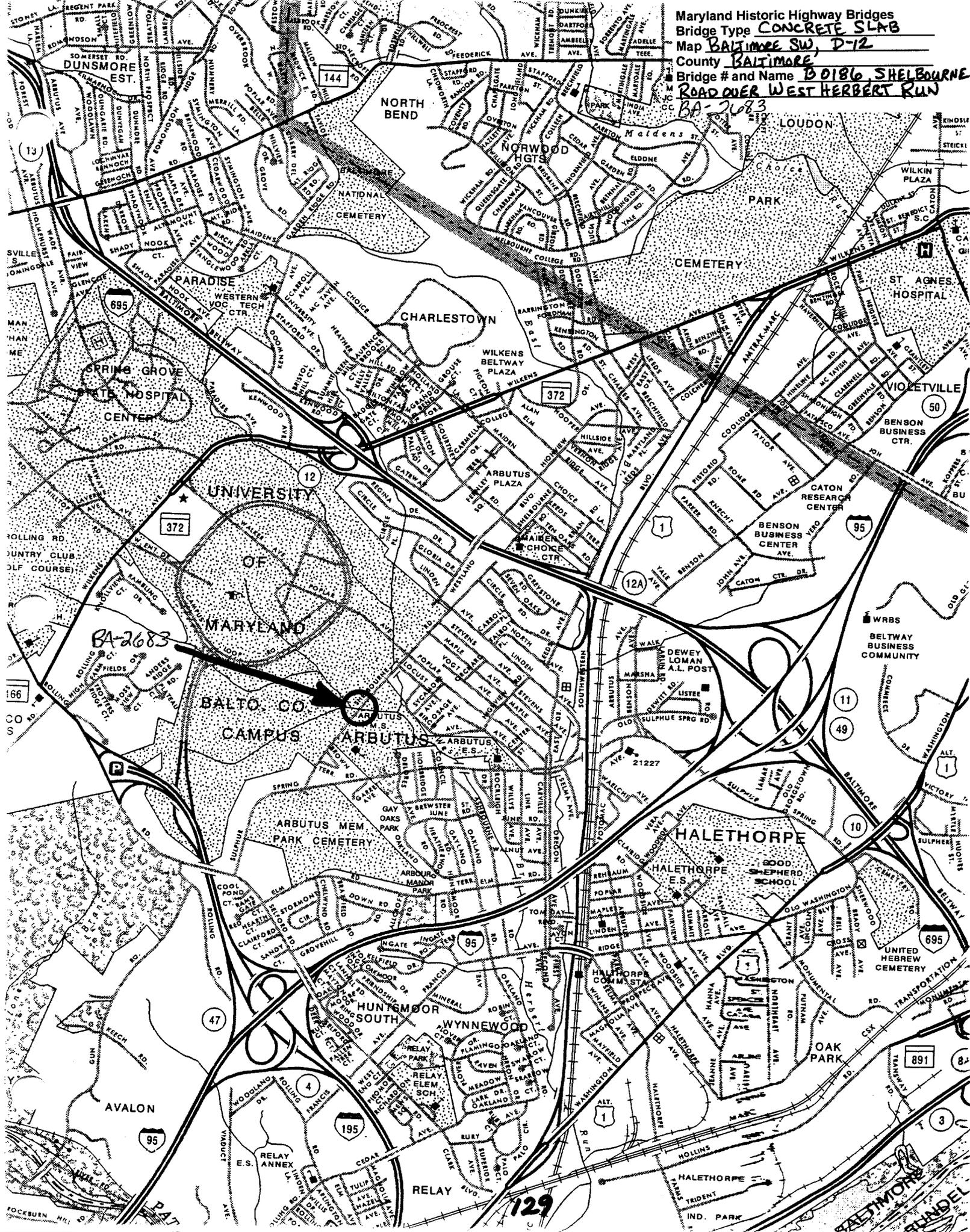
Organization/Address P.A.C. Spero & Company, Suite 412, 40 West Chesapeake Ave., Baltimore, MD 21204

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Maryland Historic Highway Bridges
Bridge Type **CONCRETE SLAB**
Map **BALTIMORE SW, D-12**

County **BALTIMORE**
Bridge # and Name **00186 SHELBORNE ROAD OVER WEST HERBERT RUN**
BA-2683





Inventory # BA-2683

Name B0186-SHELBOURNE RD OVER WEST HERBERT RUN

County/State BALTIMORE COUNTY MD

Name of Photographer DAVE DIEHL

Date 1/95

Location of Negative SHA

Description SOUTH APPROACH LOOKING NORTH

Number 1 of 39 2



Inventory # BA-2683

Name 00186-SHELBOURNE RD OVER WEST HERBERT RUN

County/State BALTIMORE COUNTY/MD

Name of Photographer DAVE DIEHL

Date 1/95

Location of Negative SHA

Description EAST ELEVATION LOOKING
NORTHWEST

Number 2 of 392