

Maryland Historical Trust

Maryland Inventory of Historic Properties number: BA-2855

Name: OLD VALLEY RD. OVER JONES FAUS

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>

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

MHT No. BA-2855

SHA Bridge No. B0125

Bridge name Old Valley Road over Jones Falls

LOCATION:

Street/Road name and number Old Valley Road

City/town Stevenson 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 Green Spring Valley Historic 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 B0125 carries Old Valley Road over Jones Falls in Baltimore County. Old Valley Road runs north and south over the eastern flowing Jones Falls. The area immediately adjacent to the bridge is completely within the Greenspring Valley Historic District. Four houses are visible from the bridge; much of the property adjacent to the bridge consists of open fields and residential areas.

Describe Superstructure and Substructure:

Bridge B0125 is a single span filled concrete arch bridge. The total length of the bridge is 47 feet with the clear span measuring 30 feet. The spandrel walls are approximately 5 feet tall and 15 feet wide. The bridge has a rise of approximately 5 feet 4 inches from springline to crown. There is a clear roadway width of 16 feet 8 inches, with an overall width of 18 feet 8 inches. The arch barrel has moderate cracking with visible efflorescence. 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, and is posted for 8 tons, 11 tons, and 19 tons.

Bridge B0125 no longer retains its original parapets. The present parapets are cast in place concrete barriers that are approximately 33 feet long and 3 feet high. There is moderate scale and efflorescence at the joint arch and parapet. In addition, there are repair patches throughout the concrete.

Discuss Major Alterations:

The bridge was reconstructed in 1997. A new arch structure has been placed over the old arch structure. The old arch is still visible. New parapets and wingwalls have been constructed, and the spandrel walls have been patched.

HISTORY:

WHEN was bridge built (actual date or date range) 1920, 1997
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 deteriorated parapets
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 previously determined eligible by the Interagency Review Committee in June 1996. Since that time, a new arch has been placed over the old structure; new parapets and wingwalls have been added. This bridge has lost its parapets, original spandrel walls, and wingwalls. The loss of these three primary character-defining elements has negatively impacted the integrity of the bridge.

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?

Yes, the bridge is located in an area that is designated as the Greenspring Valley Historic District, a rural creek bed district that encompasses all eighteenth, nineteenth, and early-twentieth century resources within the limits of the valley. The bridge is a contributing element to this district.

Is the bridge a significant example of its type?

No, this bridge has had its parapets and wingwalls replaced, its spandrel walls patched, and has had a new arch section added.

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

The bridge does not retain the integrity of a majority of its character defining elements. The parapets and wingwalls have been replaced, the spandrel walls have been patched, and a new arch section has been added.

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?

Yes, this bridge should be given further study to determine how it relates to the historic structures in the Greenspring Valley Historic District.

BIBLIOGRAPHY:

County inspection/bridge files X SHA inspection/bridge files

Other (list):

Johnson, Arthur Newhall

1899 The Present Condition of Maryland Highways. In *Report on the Highways of Maryland*. Maryland Geological Survey, The Johns Hopkins University Press, Baltimore.

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

1995 Historic Highway Bridges in Maryland: 1631-1960: Historic Context Report. Maryland State Highway Administration, Maryland State Department of Transportation, Baltimore, Maryland.

State Roads Commission

1958 *A History of Road Building in Maryland*. State Roads Commission of Maryland, Baltimore, Maryland.

BA-0855

Tyrrell, H. Grattan

1909 *Concrete Bridges and Culverts for Both Railroads and Highways*. The Myron C. Clark Publishing Company,
Chicago and New York.

SURVEYOR:

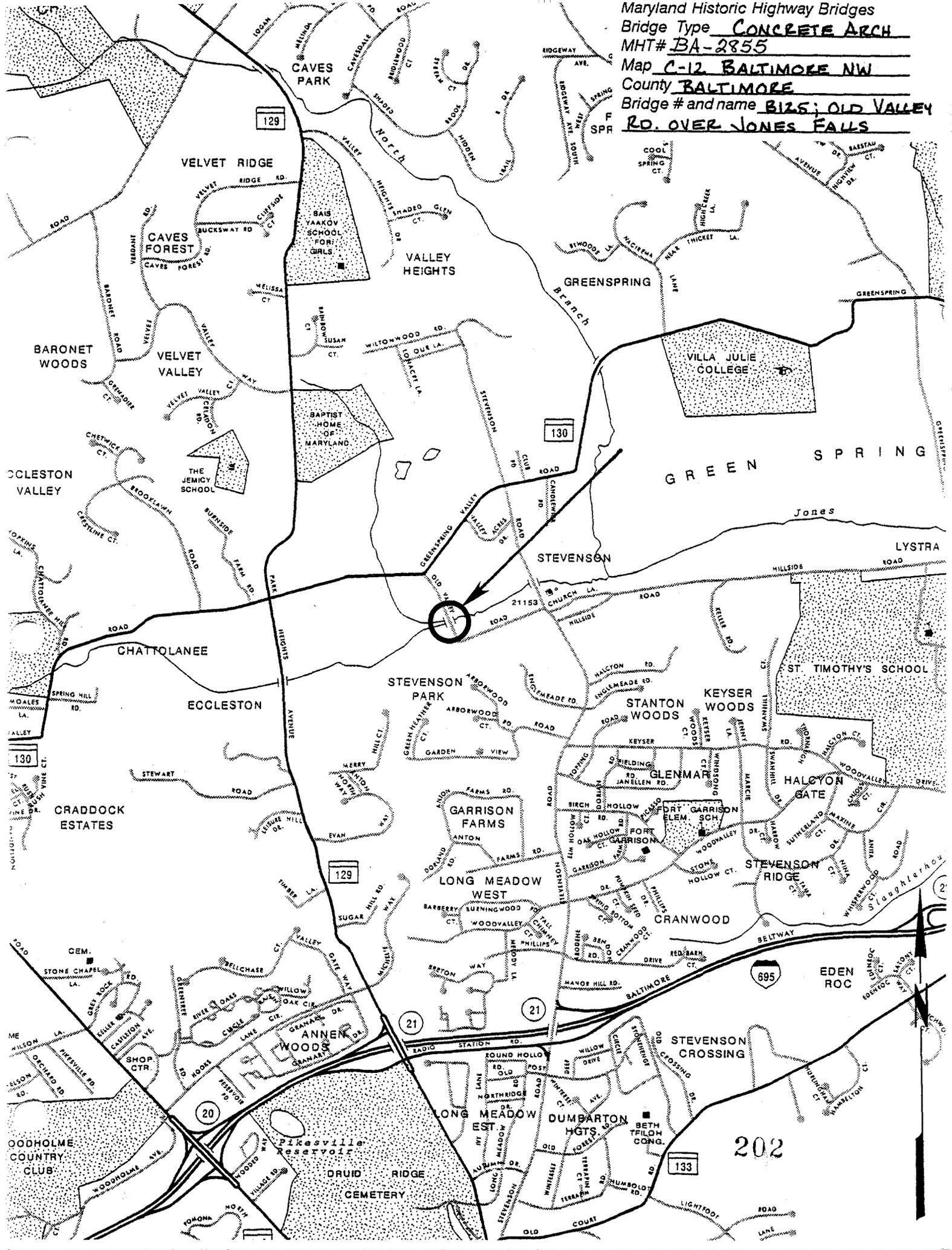
Date bridge recorded December 1997

Name of surveyor Wallace, Montgomery & Associates / PAC Spero & Company

Organization/Address P.A.C. Spero & Co., 40 W. Chesapeake Avenue, Baltimore, MD 21204

Phone number (410) 296-1635 FAX number (410) 296-1670

Maryland Historic Highway Bridges
Bridge Type CONCRETE ARCH
MHT# BA-2855
Map C-12 BALTIMORE NW
County BALTIMORE
Bridge # and name B125; OLD VALLEY
RD. OVER JONES FALLS





Inventory # BA-2855

Name 20125- OLD VALLEY RD OVER JONES FALLS

County/State BALTIMORE COUNTY/MD

Name of Photographer DAVE DIENL

Date 1/95

Location of Negative SNA

Description SOUTH APPROACH LOOKING NORTH

Number

1 OF 8



Inventory # DA-2855

Name BOYZ-OLD VALLEY RD OVER JONES FALLS

County/State BALTIMORE COUNTY/MO

Name of Photographer DAVE DIEHL

Date 1/95

Location of Negative SWA

Description WEST ELEVATION LOOKING
EAST

Number 2 OF 8



Inventory # BA-2855

Name 10125 - OLD VALLEY RD OVER JONES FALLS

County/State BALTIMORE COUNTY / MD

Name of Photographer DAVE DIEHL

Date 1/95

Location of Negative SHA

Description EAST ELEVATION LOOKING WEST

Num

3
203 OF 8



Inventory # BA-2855

Name B0125 - OLD VALLEY RD OVER JONES FALLS

County/State BALTIMORE COUNTY / MD

Name of Photographer DAVE DIEHL

Date 1/95

Location of Negative SHA

Description NORTH APPROACH LOOKING
SOUTH

Number

4 of 8



1. BA-2855

2. B125, OLD VALLEY ROAD OVER JONES FALLS

3. BALTIMORE COUNTY

4. WALLACE, MONTGOMERY & ASSOC.

5. 12/97

6. MD SHPD

7. ELEVATION LOOKING UPSTREAM

8. 5 OF 8



1. BA-2855
2. B-125, OLD VALLEY ROAD OVER JONES FALLS
3. BALTIMORE COUNTY
4. WALLACE, MONTGOMERY & ASSOC.
5. 12/97
6. MD SHPO
7. ELEVATION LOOKING DOWNSTREAM
8. 6 OF 8



1. BA- 2855
2. B125, OLD VALLEY ROAD OVER JONES FALLS
3. BALTIMORE COUNTY
4. WALLACE, MONTGOMERY & ASSOC.
5. 12/97
6. MD SHPO
7. LOOKING NORTH
8. 7 OF 8



1. BA-2855
2. B 125, OLD VALLEY ROAD OVER JONES FALLS
3. BALTIMORE COUNTY
4. WALLACE, MONTGOMERY & ASSOC.
5. 12/97
6. MD SHPO
7. LOOKING SOUTH
8. 8 OF 8