

Maryland Historical Trust

Maryland Inventory of Historic Properties Number: G-10-A-272

Name: Crellin Underwood Rd over Snowy 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 bridged received the following determination of eligibly.

MARYLAND HISTORICAL TRUST	
Eligibility Recommended <input checked="" type="checkbox"/> X	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

MHT Number G-IV-A-272

SHA Bridge No. G-13

Name: Crellin Underwood Road over Snowy Creek

**Location:**

Street/Road Name and Number: Crellin Underwood Road

City/Town: Crellin

Vicinity: X

County: Garrett

Ownership: State County X Municipal Other

This bridge projects over: Road Railway X Water Land

Is the bridge located within a designated district: yes X 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

Metal Truss

Movable Bridge

Swing Bascule Single Leaf Bascule Multiple Leaf

Vertical Lift Retractile Pontoon

Metal Girder

Rolled Girder Rolled Girder Concrete Encased

Plate Girder Plate Girder Concrete Encased

Metal Suspension

Metal Arch

Metal Cantilever

X Concrete

X Concrete Arch Concrete Slab Concrete Beam

Rigid Frame

Other Type Name \_\_\_\_\_

**Describe Setting:**

Bridge G-13 carries Crellin Underwood Road over Snowy Creek in Garrett County. Crellin Underwood Road runs northeast to southwest over the western flowing Snowy Creek. The bridge is in a sparsely populated area and is surrounded by forest. The Crellin Community Park borders the bridge.

**Describe Superstructure and Substructure:**

Bridge G-13 is a single span filled concrete arch bridge. The length of the bridge is 61 feet with a clear span of equal length. The bridge has a rise of 19 feet from springline to the crown. The spandrel walls are approximately 15 feet high and 22 wide. The spandrel walls have a 1-inch incised molding that is 4 feet by 10 feet and follows the arch's opening from approximately midway up the rise. There is a clear roadway width of 12 feet 2 inches, with an overall width of 13 feet 7 inches. Running across the top of the bridge is a curb measuring approximately 6 inches by 4 inches. According to a 1995 inspection report the concrete arch has vertical cracking on each side with light damp efflorescence. The arch ring is exhibiting scaling and there is scour at the base of the arch rings. The bridge is in serious condition, with a sufficiency rating of 18.6.

Bridge G-13 has its original parapets. The parapets are 60 feet across on both the eastern and western sides of the bridge. The parapets are separated into 3 sections. The first and third sections from the northern and southern approaches are approximately 6 feet across and 3 feet high. The middle section is approximately 48 feet long and 3 feet high. A 1-inch felt joint separates the 3 sections. In addition the parapets have a cap which measures approximately 3 inches by 4 inches by 3 inches. Each section of the parapet has incised panels. The first and third sections have 1-inch deep incised panels measuring approximately 4 feet long by 4 inches high. The middle section has a 1-inch deep incised panel measuring approximately 5 feet long and 4 inches high. The parapets have moderate spalling and patching but are in fair condition.

**Discuss Major Alterations:**

Bridge G-13 has some minor patching that was done at an unknown date, but no major alterations have been made to this bridge.

**When Built:** 1921

**Why Built:** Expansion of Garrett County infrastructure. Replacement of an earlier structure.

**Who Built:** Luten Bridge Company, York, Pennsylvania

**Who Designed:** Luten Bridge Company, York, Pennsylvania

**Why Altered:** Unknown

**Was this bridge built as part of an organized bridge building campaign?** Yes, this bridge was built as part of the State Roads Commission's "Lateral and Post Roads Loan of 1920."

**Surveyor Analysis:**

**This bridge may have NR significance for association with:**

**A Events**       **Person**

**C Engineering/Architectural**

This bridge was determined eligible by the Interagency Review Committee in February 1996.

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

Yes, this bridge was 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. Garrett County was included in these funds.

The Luten Bridge Company won the contract to build this structure. The Luten Bridge Company of York, PA., was incorporated in 1909 as a contracting concern specializing in the designs of Daniel Luten. It grew to be the largest of Luten's loosely affiliated corporations and operated offices in Clarksburg, WV; Concord, NH; Columbus, OH; Chatsworth, GA; and Syracuse, NY. Daniel Luten specialized in reinforced concrete bridges. His designs dominated the market and were copied (under patent protection) and used throughout the eastern United States.

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

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

**Is the bridge a significant example of its type?**

Yes, this bridge is a representative type of structure built in the early part of the twentieth century.

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

Yes, the bridge retains the characteristic defining elements of an arch bridge, including parapets, abutments, wingwalls, spandrel walls, and barrel.

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

No, the bridge should not be given further study.

**Bibliography:**

County inspection/bridge files   X   SHA inspection/bridge files           

Other (list):

**Surveyor:**

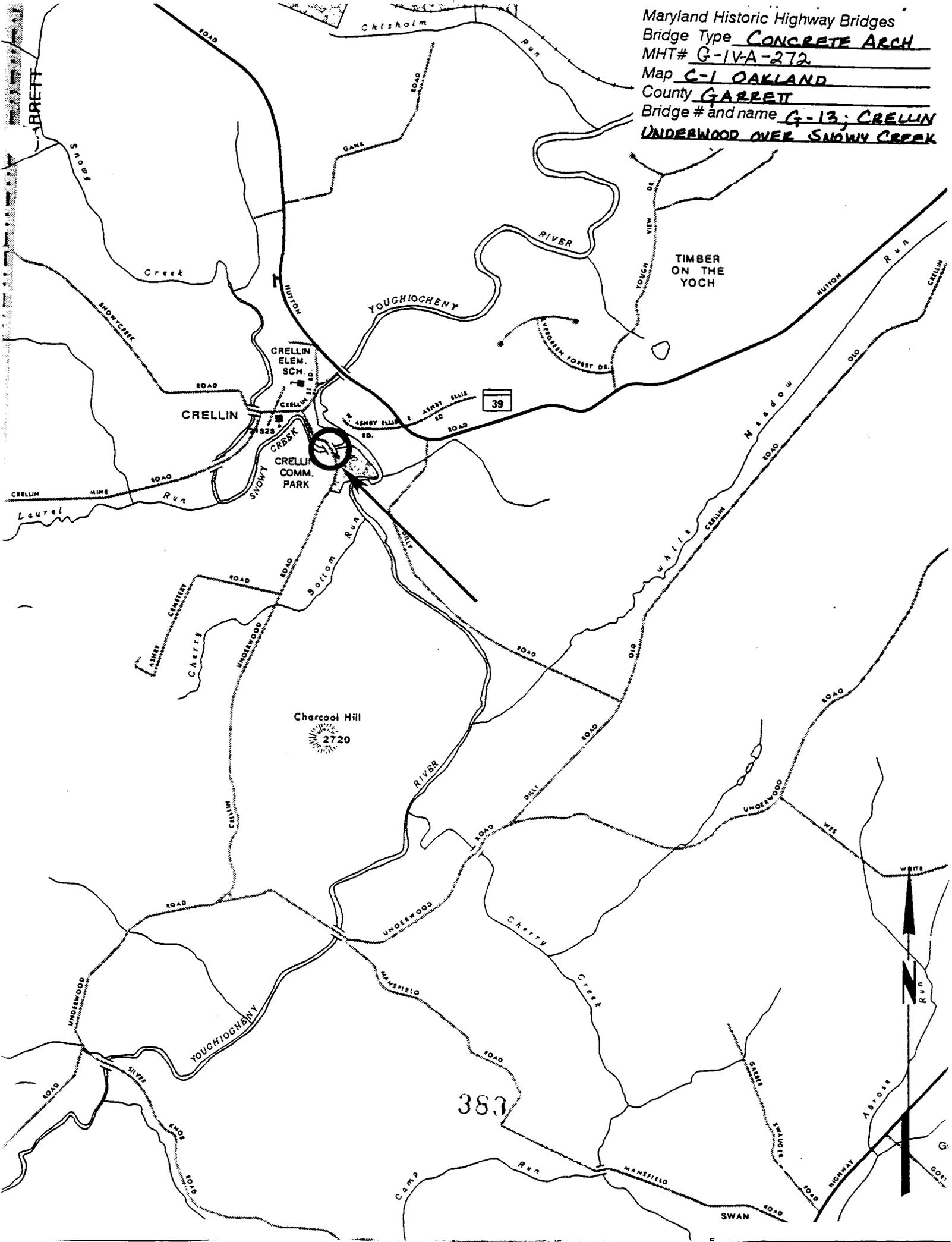
**Name:** Stacie Y. Webb **Date:** September 1995

**Organization:** State Highway Admin. **Telephone:** (410) 545-8559

**Address:** 707 N. Calvert Street, Baltimore, Maryland

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

Maryland Historic Highway Bridges  
Bridge Type CONCRETE ARCH  
MHT# G-1VA-272  
Map C-1 OAKLAND  
County GARRETT  
Bridge # and name G-13; CRELLIN  
UNDERWOOD OVER SNOWY CREEK





BR# ~~2001510~~ G-13 G-IV-A-272  
VER SNOWY CREEK  
GARRETT COUNTY, MARYLAND  
DAVID PATRICK KING  
1/20/95  
SHA

NORTHWEST APPROACH

10<sup>4</sup> =



G-13  
EK # 2061310

G-IV-A-272

OVER SNOWY CREEK  
GARRETT CO PA  
DAVID KING  
1/20/95  
34A

SOUTHEAST APPROACH

2045



<sup>G-13</sup>  
# ~~2061310~~ G-IV-A-272  
OVER SNOWY CREEK  
GARRETT CO. PA  
DAVE KING  
1/20/95  
SHA

SOUTHWEST ELEVATION (UPSTREAM)

3 of 5



BP. # ~~1001313~~ 613 G-IV-A-272

DYE'S SNOWY CREEK

GARRETT CO PA.

5 F 1 E KING

1/20/95

SHA

NORTHEAST ELEVATION (DOWNSTREAM)

495

1921  
LUTEN BRIDGE CO.  
YORK PA.

BR. # ~~2061310~~<sup>G-13</sup>  
OVER SNOWY CREEK  
GARRETT CO. PA.

G-IV-A-272

DAVE KING

1/20/95

SHA

PLAQUE ON SOUTHWEST PARAPET

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