

Maryland Historical Trust

Maryland Inventory of Historic Properties number: F-1-215

Name: Downs Road over Tuscarora 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>

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Maryland Inventory of Historic Properties  
Historic Bridge Inventory  
Maryland State Highway Administration  
Maryland Historical Trust

MHT Number F-1-215

Name and SHA No. Doubs Road over Tuscarora Creek/F107

**Location:**

Street/Road Name and Number: Doubs Road

City/Town: Point of Rocks Vicinity

County: Frederick

Ownership:  State  County  Municipal  Other

This bridge projects over:  Road  Railway  Water  Land

Is the bridge located within a 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

Metal Truss

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:** F107 carries Doubs Road over Tuscarora Creek in Frederick County, Maryland. Doubs Road runs east-west at this location; Tuscarora Creek flows north-south. The bridge is located in a rural setting with a 19th century farm complex and adjacent farmland in view.

**Describe Superstructure and Substructure:** The superstructure of F107 is a single span steel beam with a corrugated metal deck filled with 4" of bituminous wearing course. The span length, and total bridge length is 24'. The roadway is bounded by a steel beam on both sides. The substructure is stone masonry abutments encased in concrete.

**Discuss Major Alterations:** It is indicated in the county documentation that the bridge was rebuilt in 1950. A county engineer has explained that what probably occurred at this time was installation of new steel beams and repairs to the wood deck. However, Frederick County does not keep information about their bridges dating to before 1980/81, so this information cannot be confirmed. Knowing that steel beams are replaced every 20-30 years and that boards on a wood deck rot an average of 5-10% per year, it is highly likely that this is in fact the case. In 1989, the abutments were encased in concrete to prevent further deterioration. The structure was rehabilitated in 1996, according to a county bridge engineer. At that time, new galvanized steel stringers and a new laminated treated wood deck were installed, a bituminous overlay was placed and concrete caps were installed on the abutments.

**History:**

**When Built:** estimated 1935

**Why Built:** local transportation needs

**Who Built:**

**Why Altered:** safety and structural improvements

**Was this bridge built as part of an organized bridge building campaign:** yes

**Surveyor Analysis:**

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

A Events  Person

C Engineering/Architectural

**Was this 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: no**

**Is the bridge located in an area which may be eligible for historic designation and would the bridge add to or detract from historic and visual character of the possible district: no**

**Is the bridge a significant example of its type: no**

**Does the bridge retain integrity of the important elements described in the Context Addendum: Because of the 1950 replacement and the upcoming 1996 replacement, this structure does not retain its integrity.**

**Is the bridge a significant example of the work of the manufacturer, designer, and/or engineer and why: no**

**Should this bridge be given further study before significance analysis is made and why: No further study is warranted for F107.**

**Bibliography:**

Frederick County

v.d. Bridge Inspection Files.

Greiner, Inc.

1995 Historic Bridge Inventory Form.

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

1994 Historic Bridges in Maryland: Historic Bridge Context.

United States Geological Survey

1952 7.5' Buckeystown Quadrangle, photorevised 1984.

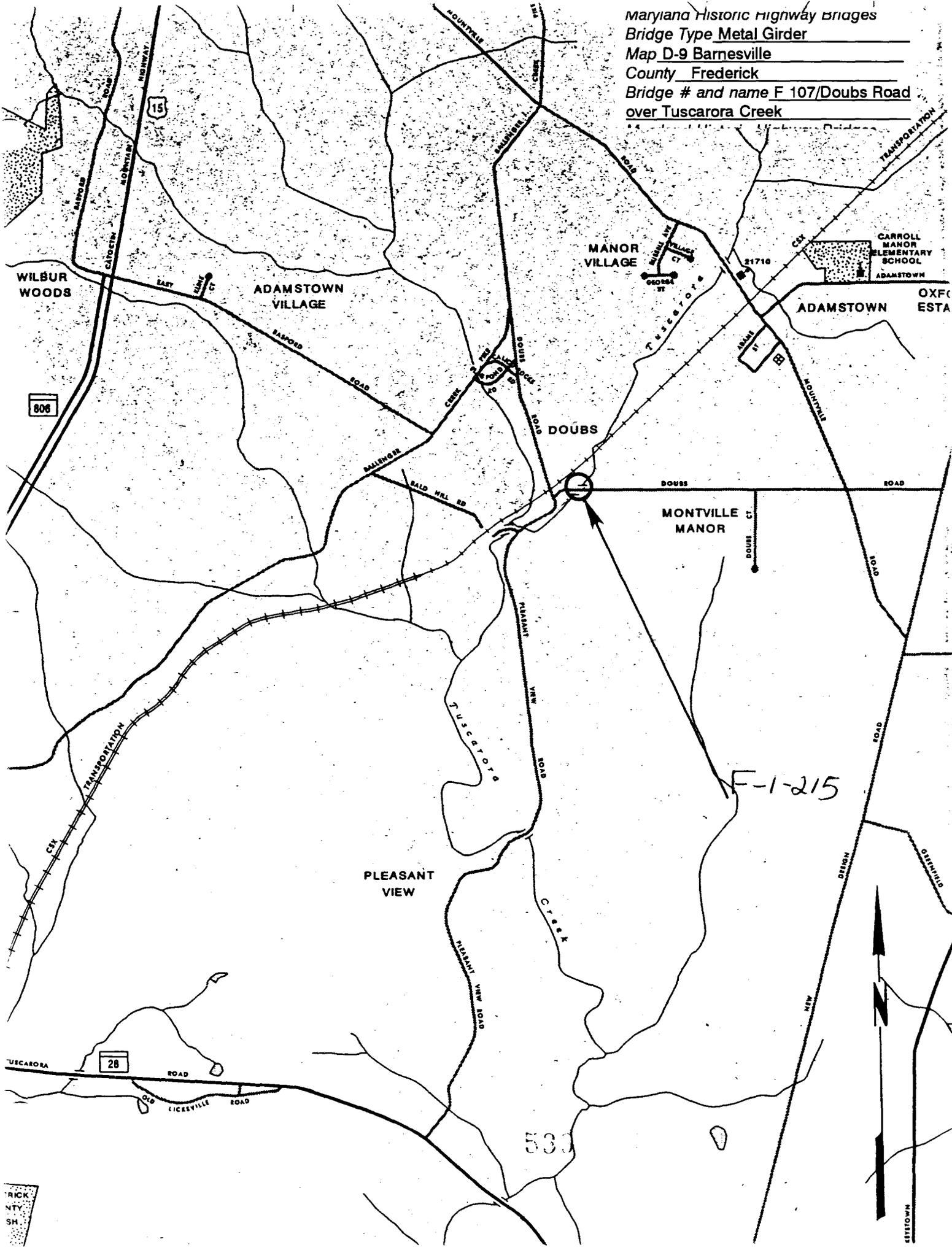
**Surveyor:**

**Name:** Stephanie L. Bandy **Date:** September 1995

**Organization:** State Highway Admin. **Telephone:** (410) 321-2213

**Address:** 2323 West Joppa Road Brooklandville, MD 21022

Maryland Historic Highway Bridges  
Bridge Type Metal Girder  
Map D-9 Barnesville  
County Frederick  
Bridge # and name F 107/Doubs Road  
over Tuscarora Creek



FREDERICK COUNTY SH

SEVENTH



F-1-215

Inventory # F-1-215

Name F107- DOUBS RD OVER TUSCARORA CREEK

County/State FREDERICK COUNTY/MD

Name of Photographer FRANK JULIANO

Date 1/95

Location of Negative SHA

Description ELEVATION LOOKING NORTH

Number 1 of 36 394



F-1-215

Inventory # F-1-215

Name F107-DUMBS RD OVER TUSCARORA CREEK

County/State FREDERICK COUNTY MO

Name of Photographer FRANK JULIANO

Date 1/95

Location of Negative SHA

Description ELEVATION LOOKING SOUTH

Number 214 of 36 344



F-1-215

Inventory # F-1-215

Name F107- DOUBS RD OVER TUSCARORA CREEK

County/State FREPERICK COUNTY / MD

Name of Photographer FRANK JULIANO

Date 1/95

Location of Negative SHA

Description WEST APPROACH

Number 3 of 36 344



F-1-215

Inventory # F-1-215

Name F107- DOUBS RD OVER TUSCARORA CREEK

County/State FREDERICK COUNTY / MD

Name of Photographer FRANK JULIANO

Date 1/95

Location of Negative SHA

Description EAST APPROACH

Number 4 of 36 34 4