

Maryland Historical Trust

Maryland Inventory of Historic Properties number: CARR-1484

Name: MD 832 over Big Pipe 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 <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>

Handwritten initials/signature

Metal Suspension

Metal Arch

Metal Cantilever

Concrete

Concrete Arch Concrete Slab Concrete Beam

Rigid Frame

Other Type Name _____

Description:

Describe Setting: Bridge 6025 carries MD 832 over Big Pipe Creek in Carroll County, Maryland. MD 832 runs generally north-south at this location; Big Pipe Creek flows east-west. The bridge is located in a rural setting with 19th and 20th century commercial and residential structures in view. There are open fields adjacent to the bridge area, and Big Pipe Creek has a wooded channel bank at this location.

Describe Superstructure and Substructure: Bridge 6025 is a double span steel stringer bridge with a concrete deck and an ornamental, ten section, open concrete parapet. Each span is 58' long, and the total bridge length is just over 131'. There is a bituminous wearing surface on the bridge deck and on the roadway, and there are W-beam guardrails on both sides of both approaches. The superstructure is in satisfactory condition, with slight rust and flaking of the beams.

The superstructure is supported by two concrete gravity abutments and one solid shaft concrete pier. There is a concrete cap on the pier. The substructure is also in satisfactory condition, with some cracking and spalling of the concrete. The east abutment and the pier have grout bags surrounding their bases to help prevent further scour from occurring.

Discuss Major Alterations: There have been no major alterations made to Bridge 6025. One section of the open concrete parapet has been replaced with a solid section of concrete. This repair was likely necessary because of damage inflicted by an automobile accident. In 1994 grout bags were placed at the base of the east abutment and the pier.

History:

When Built: 1929

Why Built: local transportation needs

Who Built: State Roads Commission

Why Altered: n/a

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 B Person
 C Engineering/Architectural

Was this bridge constructed in response to significant events in Maryland or local history: Bridge 6025 was not constructed in response to significant events in state or local history.

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: Other than being able to carry a heavier live load than the bridge this structure likely replaced, construction of 6025 did not have a significant impact on the growth of the area.

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: Bridge 6025 may be considered a specific example of its type because of the ornamental open concrete parapet.

Does the bridge retain integrity of the important elements described in the Context Addendum: Rolled I-beams are considered a primary character defining element. There is no evidence to suggest that these beams have ever had major alterations or have been replaced. The same can be said of the floor system and deck, both secondary character defining elements. The road way has been resurfaced. The open concrete parapet is considered a primary character defining element. The only alterations made to the parapet is the replacement of the most southern section on the east elevation.

Concrete abutments and piers are considered primary character defining elements. The only changes made to these two features would be minor repair work to fill hairline cracks and spalled areas.

Because there have been little if any changes made to the important structural elements of Bridge 6025, it is likely that it does retain its integrity.

Is the bridge a significant example of the work of the manufacturer, designer, and/or engineer and why: Bridge 6025 may be considered a unique example of the work of the State Roads Commission in the early 20th century, because of the ornamental parapet.

Should this bridge be given further study before significance analysis is made and why: It may be necessary to give Bridge 6025 further study, and/or comparison to other bridges of its type in the area.

Bibliography:

Greiner, Inc.

1995 Historic Bridge Inventory Form.

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

1994 Historic Bridges in Maryland: Historic Bridge Context.

State Highway Administration

v.d. Bridge Inspection Files.

United States Geological Survey

1953 7.5' Taneytown Quadrangle, photorevised 1971.

Surveyor:

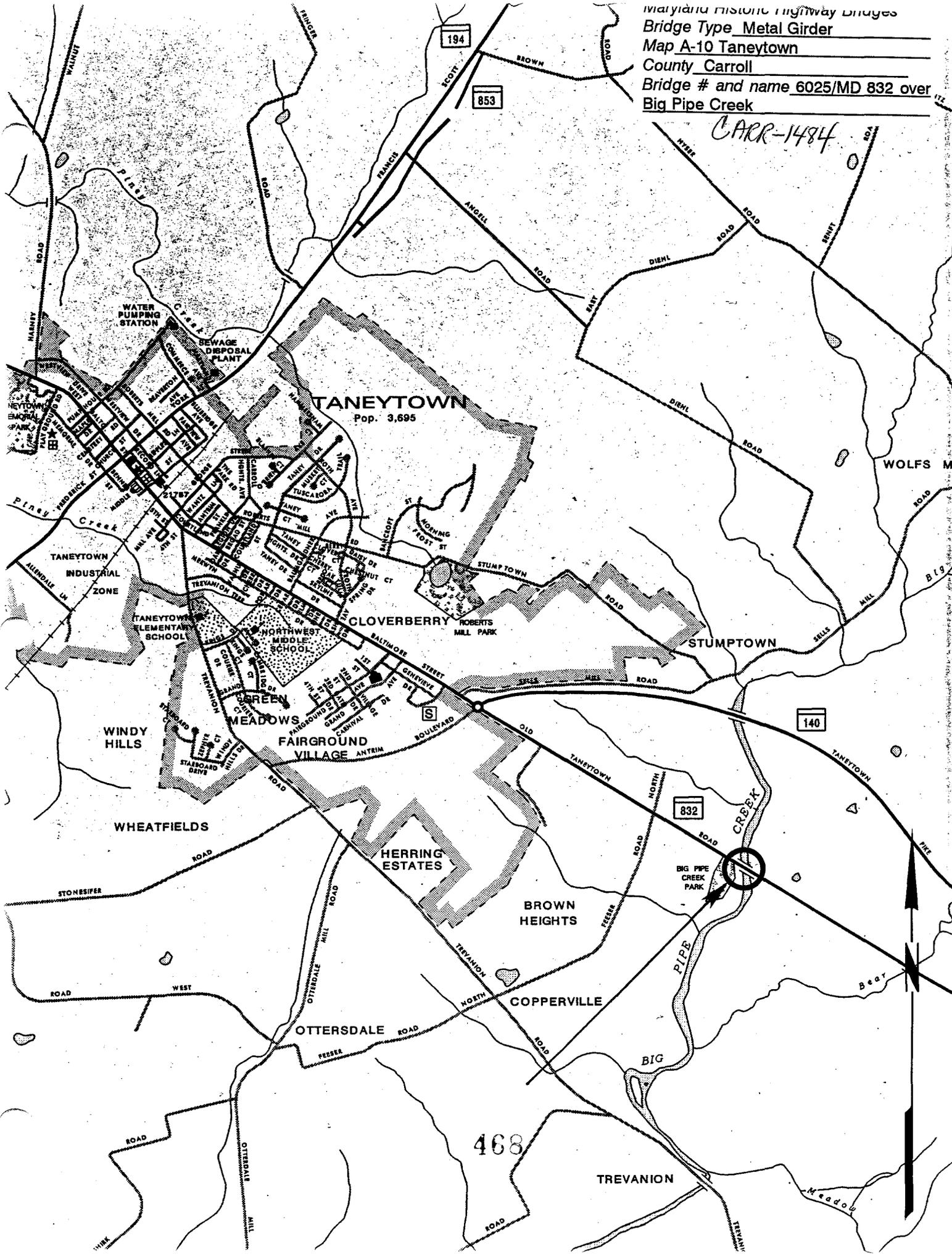
Name: Stephanie L. Bandy **Date:** September 1995

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 A-10 Taneytown
 County Carroll
 Bridge # and name 6025/MD 832 over
 Big Pipe Creek

CARR-1484





SCHOOL BUS STOP
STOP HERE FOR SCHOOL BUS

Inventory # CARR-148A

6025

Name md. 832 over Big Pipe Creek

County/State Carroll Co. md.

Name of Photographer D. Diehl

Date 2-95

Location of Negative SHA

Description north approach looking
south east

Number 125 of 4

92 * 01 DP



Inventory # CARR-1484

6025

Name md. 832 over Big Pipe Creek

County/State Carroll Co. Md.

Name of Photographer D. Diehl

Date 2-95

Location of Negative SHA

Description west elevation looking east

Number 2 of 37 4

CC-0NDP



Inventory # CARR-1484

⁶⁰²⁵
Name md. 832 over Big Pipe Creek

County/State Carroll Co. md.

Name of Photographer D. Diehl

Date 2-95

Location of Negative SHA

Description east elevation looking
northwest

³ ⁴
Number 21 of 25

8Z*06 28



Inventory # CARR-1484

6025
Name Md. 832 over Big Pipe Creek

County/State Carroll Co. Md.

Name of Photographer D. Diehl

Date 2-95

Location of Negative SHA

Description south approach looking
northwest

Number 4 of 4
28 of 33

62*0NDP