

Maryland Historical Trust

Maryland Inventory of Historic Properties number: CARR-1477

Name: FRANZ RD. OVER PINEY CRK

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>X</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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Metal Suspension Metal Arch Metal Cantilever Concrete Concrete Arch Concrete Slab Concrete Beam Rigid Frame Other Type Name _____**Description:**

Describe Setting: CL222 carries Fringer Road over Piney Creek in Carroll County, Maryland. Fringer Road runs north-south at this location; Piney Creek flows generally east-west. The bridge is situated in a rural area with 19th and 20th century structures in view. The channel bank of Piney Creek is wooded at this crossing.

Describe Superstructure and Substructure: CL222 is a single span steel stringer with a span length of 41' 6", and a total bridge length of 46'. The bridge has a 20' wide, two lane composite concrete deck and steel W beam guard rails on both sides of the deck and both sides of both approaches. The superstructure is supported by two concrete gravity abutments.

Discuss Major Alterations: In 1976 the entire superstructure was replaced. At this time the old beams were removed and the steel stringers were installed, a composite deck (consisting of a concrete deck mechanically attached to a steel floor system by shear connectors) was installed, and new guard rails were added. Improvements were made to the concrete abutments, but not major alteration.

History:**When Built:** 1930**Why Built:** local transportation needs**Who Built:****Why Altered:** safety needs and structural stability

Was this bridge built as part of an organized bridge building campaign: Yes, it was built as part of a county wide bridge building program in the early 20th century.

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:No, CL222 was not constructed in response to significant state or local events. It is likely that CL222 is a more stable early 20th century replacement of an older structure.

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, construction and alteration of CL222 did not have a significant impact on the growth and development 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, CL222 is not located in an area which is eligible for historic designation.

Is the bridge a significant example of its type:No, CL222 is not a significant example, but rather a typical example of an early 20th century steel stringer bridge.

Does the bridge retain integrity of the important elements described in the Context Addendum: Rolled wide flange beams are considered primary character defining elements. The beams on CL222 were installed in 1976. The floor system and deck are considered secondary character defining elements. Both of these elements were replaced in 1976. The W beam guardrails, considered a tertiary character defining element, were replaced in 1976 as well.

Concrete abutments are considered primary character defining elements. While there is no documentary evidence that major alterations have been made to the abutments, field observation indicates that some work has been done to them. The abutments and wing walls appear to be, and in fact are listed in the inspection report as being, in good condition with little cracking or spalling. This would indicate that repairs have been made in approximately the past ten years.

Extensive replacement of the superstructure in 1976, coupled with the obvious repairs made to the abutments and wing walls places the integrity of CL222 in doubt.

Is the bridge a significant example of the work of the manufacturer, designer, and/or engineer and why:No, CL222 is a typical example of an early 20th century steel stringer bridge built to standard specifications.

Should this bridge be given further study before significance analysis is made and why:No, further study is not warranted for CL222 because of extensive alterations to its structural elements.

Bibliography:

Carroll 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

1953 7.5' Taneytown Quadrangle, photorevised 1971.

Surveyor:

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

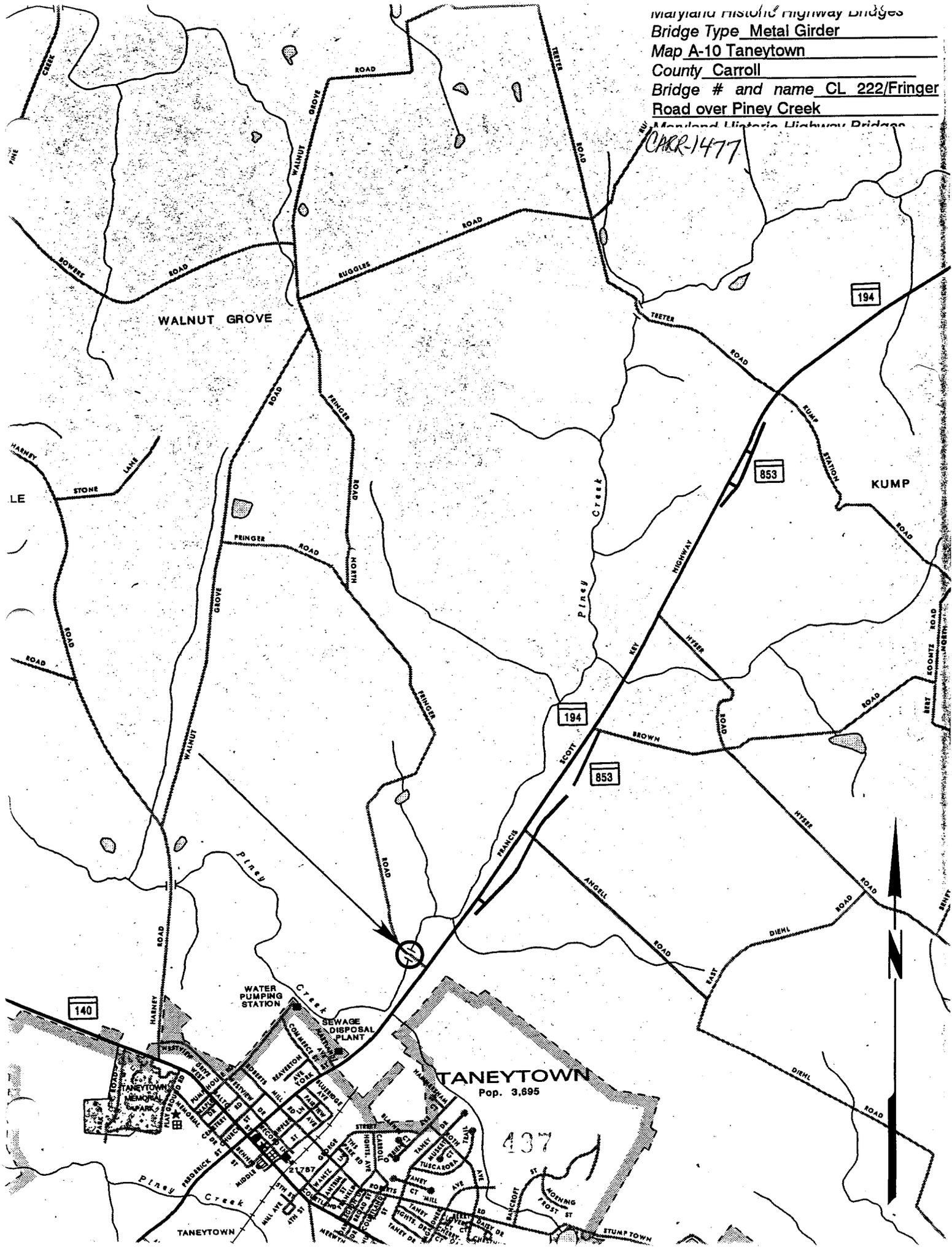
Organization: State Highway Admin. **Telephone:** (410) 321-2213

Address: 2323 West Joppa Road Brooklandville, MD 21022

major and minor highway bridges
Bridge Type Metal Girder
Map A-10 Taneytown
County Carroll
Bridge # and name CL 222/Fringer
Road over Piney Creek

MD
CARR-1477

Maryland Historic Highway Bridges





Inventory # CARR-1477

CL222

Name Fringer Rd. over Piney Creek

County/State Carroll Co. Md.

Name of Photographer D. Diehl

Date 2/95

Location of Negative SHA

Description South approach looking north

Number 1 ²⁰ of 4 ³⁵

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Inventory # CARR-1477

CL222

Name Fringer Rd. over Piney Creek

County/State Carroll Co. Md.

Name of Photographer D. Diehl

Date 2/95

Location of Negative SHA

Description west elevation looking
north east

Number 2 of 33

12.01.95



Inventory # CARR-1477

CL222

Name Fringer Rd. over Piney Creek

County/State Carroll Co. Md.

Name of Photographer D. Diehl

Date 2/95

Location of Negative SHA

Description east elevation looking
northwest

Number 3 of 4
21 of 33

022010



Inventory # CARR-1477

CL222

Name Fringer Rd. over Piney Creek

County/State Carroll Co. Md.

Name of Photographer D. Diehl

Date 2/95

Location of Negative SITA

Description north approach looking south

Number 4 of 4

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