

Maryland Historical Trust

Maryland Inventory of Historic Properties number: FB-6-116

Name: APPLES CHURCH RD. FA.

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"/>	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 signature

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

MHT No. F-6-116

SHA Bridge No. F15-12 Bridge name Apples Church Road Bridge

LOCATION:

Street/Road name and number [facility carried] Apples Church Road over Owens Creek

City/town Thurmont Vicinity X

County Frederick

This bridge projects over: Road Railway Water X Land

Ownership: State County X Municipal Other

HISTORIC STATUS:

Is the bridge located within a designated historic district? Yes No X
National Register-listed district National Register-determined-eligible district
Locally-designated district Other

Name of district

BRIDGE TYPE:

Timber Bridge :
Beam Bridge Truss -Covered Trestle Timber-And-Concrete

Stone Arch Bridge

Metal Truss Bridge X

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:

Setting: Urban _____ Small town _____ Rural X

Describe Setting:

Bridge No. F15-12 carries Apples Church Road over Owens Creek in Frederick County. Apples Church Road runs east/west and Owens Creek flows north/south. The bridge is located in the Thurmont vicinity and is surrounded by pasture and wooded areas.

Describe Superstructure and Substructure:

Constructed in 1917 by the York Bridge Company of York, Pennsylvania, Bridge No. F15-12 is a single-span, iron Warren pony truss measuring 19.2 meters (63 feet) in length. It has four (4) panels with diagonal endposts. The top chord is a built-up section of channels connected by plates; the bottom chord is a built-up section of angles connected with batten plates. The floor system has a timber deck with steel stringers and floorbeams. All verticals and diagonals are angles with batten plates and all connections are riveted. The clear roadway width is 3.98 meters (13.08 feet); the out-to-out width is 4.44 meters (14.58 feet). The structure has concrete abutments and wingwalls and a plaque on the bridge indicates it was constructed in 1917.

According to the 1997 inspection report, the structure was in good condition. The bridge is posted for 3.6 tonnes (8,000 pounds) and has a sufficiency rating of 75.33.

Discuss Major Alterations:

The structure was rehabilitated in 1997, including the replacement of the entire floor system (timber deck, steel stringers and floorbeams). In addition, a pipe railing was added to the structure.

HISTORY:

WHEN was the bridge built: 1917

This date is: Actual X Estimated _____

Source of date: Plaque X Design plans _____ SHA/County bridge files/inspection form X Other (specify): _____

SURVEYOR/HISTORIAN ANALYSIS:

This bridge may have National Register significance for its association with:

A - Events X B - Person _____
C - Engineering/architectural character _____ X

The bridge was determined eligible for the National Register of Historic Places by the Maryland Historical Trust in May 1993.

SURVEYOR:

Date bridge recorded March 1998

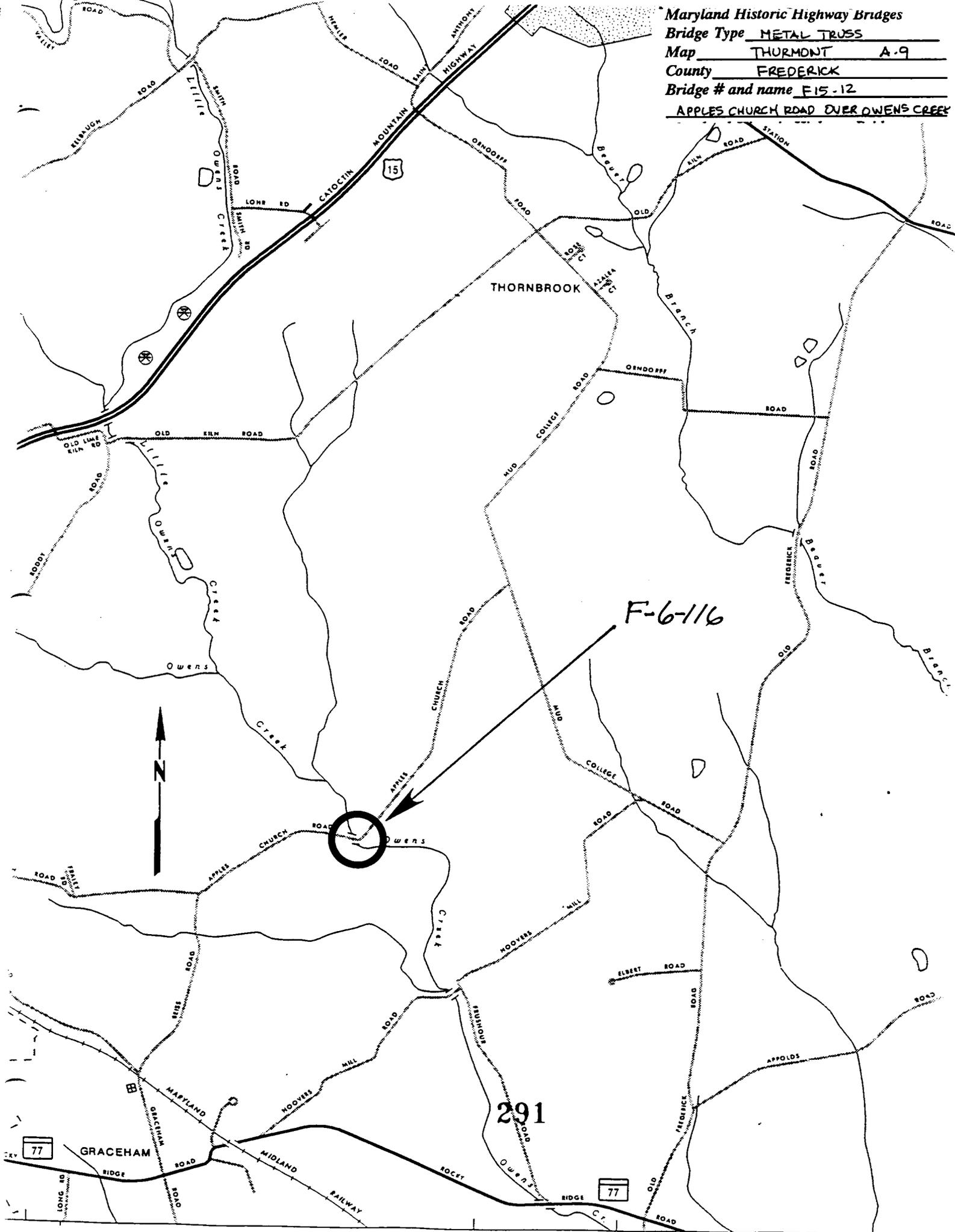
Name of surveyor Dave Dick/Caroline Hall

Organization/Address Wallace Montgomery and Associates, 110 West Road, Towson, MD 21204/ P.A.C. Spero & Co., 40 W. Chesapeake Ave, Suite 412, Baltimore, MD 21204 Phone number (410) 296-1635

FAX number (410) 296-1670

Maryland Historic Highway Bridges

Bridge Type METAL TRUSS
Map THURMONT A-9
County FREDERICK
Bridge # and name F15-12
APPLES CHURCH ROAD OVER OWENS CREEK





RESTRICTED BRIDGE

02 63



1. F-6-116

2. [unclear], App. [unclear] Fuel for [unclear] 2011

3. [unclear] [unclear] [unclear]

4. Ryan McKay

5. July 1997

6. [unclear] [unclear]

7. [unclear] [unclear] [unclear]

8. [unclear] [unclear]

INDIVIDUAL PROPERTY/DISTRICT
MARYLAND HISTORICAL TRUST
INTERNAL NR-ELIGIBILITY REVIEW FORM

(Bridge #1512)

Property/District Name: Apples Church Road Bridge Survey Number: F-6-116

Project: Apples Church Road over Owens Cr., Frederick Co. Agency: COE ?

Site visit by MHT Staff: no yes Name _____ Date _____

Eligibility recommended Eligibility not recommended

Criteria: A B C D Considerations: A B C D E F G None

Justification for decision: (Use continuation sheet if necessary and attach map)

The Apples Church Road Bridge was constructed in 1917 by the York Bridge Company. It is a single span iron pony truss bridge. Under Criteria A, the Apples Church Road Bridge derives its significance from its association with the development of transportation in Frederick County. Metal truss bridges represent an important step in engineering design and a uniquely American achievement, the result of intensive experimentation in the 19th century. Relatively cheap and easy to build, these bridges were the most popular form of bridge construction in Frederick County between the 1870s and the 1930s. Large numbers were built to span small crossings, greatly facilitating vehicular movement and communication throughout the developing County. Frederick County once had scores of such bridges; however, as technology and use requirements have changed, they have been replaced at an increasing rate. According to information provided to the Maryland Historical Trust by Frederick County Department of Public Works, only 27 metal truss bridges remain on County roads. A number of these are currently slated for replacement. The Apples Church Road Bridge was constructed by the York Bridge Company, a major bridge manufacturer for the region. The Apples Church Road Bridge is thus an increasingly rare example of the sort of modest structure once common throughout rural Maryland.

Documentation on the property/district is presented in: Project file

Prepared by: _____

Elizabeth Harnold Reviewer, Office of Preservation Services May 6, 1993 Date

NR program concurrence: yes no not applicable
f. Anderson Reviewer, NR program 5.6.93 Date

Survey No. F-6-116

MARYLAND COMPREHENSIVE HISTORIC PRESERVATION PLAN DATA - HISTORIC CONTEXT

I. Geographic Region:

- Eastern Shore (all Eastern Shore counties, and Cecil)
- Western Shore (Anne Arundel, Calvert, Charles, Prince George's and St. Mary's)
- Piedmont (Baltimore City, Baltimore, Carroll, Frederick, Harford, Howard, Montgomery)
- Western Maryland (Allegany, Garrett and Washington)

II. Chronological/Developmental Periods:

- Paleo-Indian 10000-7500 B.C.
- Early Archaic 7500-6000 B.C.
- Middle Archaic 6000-4000 B.C.
- Late Archaic 4000-2000 B.C.
- Early Woodland 2000-500 B.C.
- Middle Woodland 500 B.C. - A.D. 900
- Late Woodland/Archaic A.D. 900-1600
- Contact and Settlement A.D. 1570-1750
- Rural Agrarian Intensification A.D. 1680-1815
- Agricultural-Industrial Transition A.D. 1815-1870
- Industrial/Urban Dominance A.D. 1870-1930
- Modern Period A.D. 1930-Present
- Unknown Period (prehistoric historic)

III. Prehistoric Period Themes:

- Subsistence
- Settlement
- Political
- Demographic
- Religion
- Technology
- Environmental Adaption

IV. Historic Period Themes:

- Agriculture
- Architecture, Landscape Architecture, and Community Planning
- Economic (Commercial and Industrial)
- Government/Law
- Military
- Religion
- Social/Educational/Cultural
- Transportation

V. Resource Type:

Category: Structure

Historic Environment: Rural

Historic Function(s) and Use(s): Transportation

Known Design Source: York Bridge Company

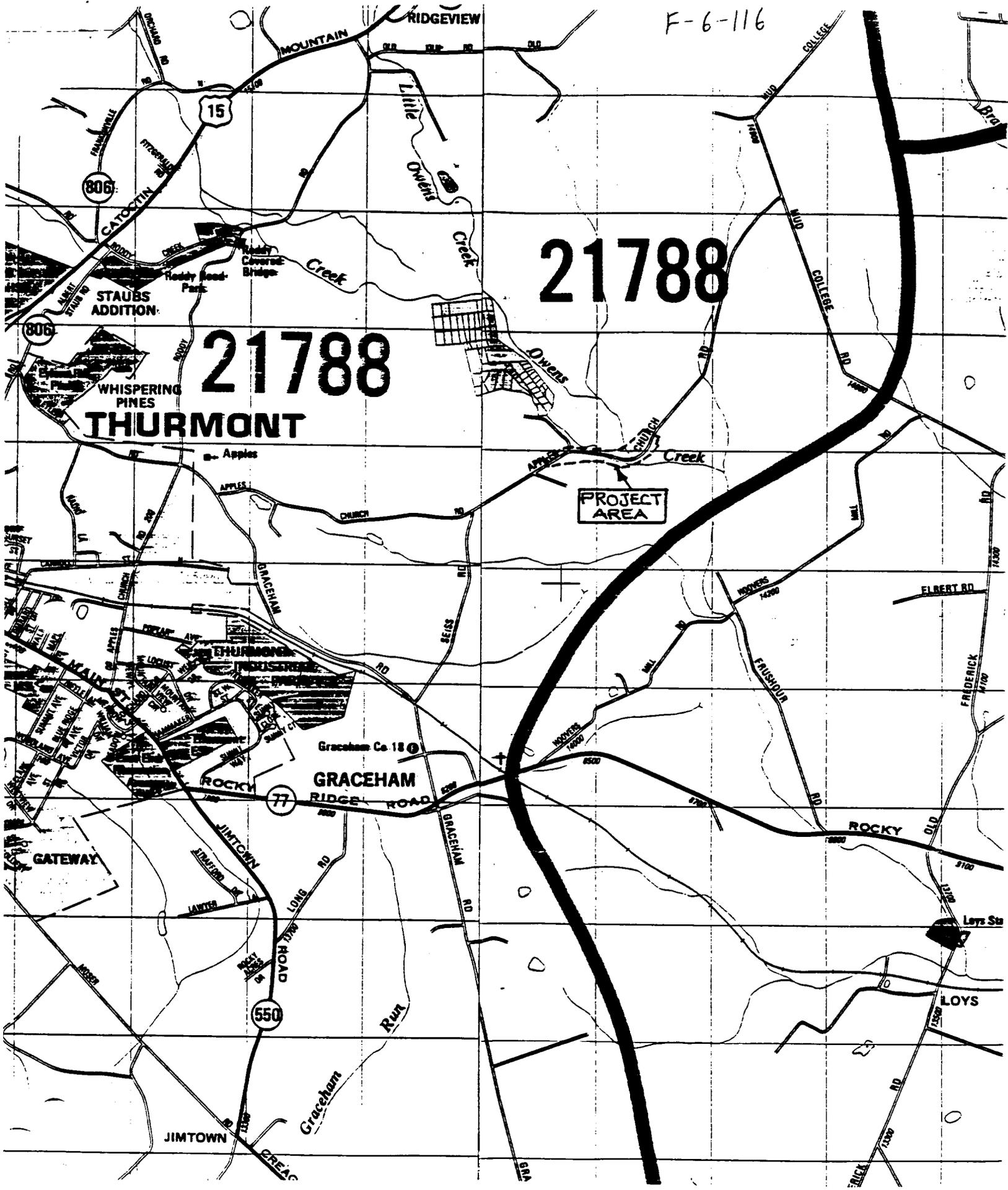
F-6-116

21788

21788

WHISPERING PINES
THURMONT

PROJECT AREA





F-6-116

Fred. Co.

Bridge #15-12

Apples Church Road Bridge



Fred. Co.

F-6-116

Bridge # 15-12

Apples Church Road Bridge



UNIVERSITY OF CALIFORNIA
SINGLE UNIT
8000 LBS GVW
COMBINATION UNIT
8000 LBS GCW

F-6-116 # 15-12
Bridge

Apples Church Road Bridge

Fred. Co.



F-6-116

Bridge # 15-12

Fred. Co

Apples Church Road Bridge

15-12 APPLES CHURCH ROAD



F-6-116

JOB NAME: FREDERICK CO. (15-12)
APPLES CHURCH RD/BR. ALIGN STY

JOB # 92189-01

DATE: 1-7-93

BY: MAC

ROLL # 1

EXP. 7

DESCRIPTION: W. Elevation



