

Maryland Historical Trust

Maryland Inventory of Historic Properties Number: WA-I-347

Name: Laris Shop Rd over Antietam Crk (W4021)

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 <u>  X  </u>	Eligibility Not Recommended <u>      </u>
Criteria: <u>  A  </u> <u>  B  </u> <u>  C  </u> <u>  D  </u>	Considerations: <u>  A  </u> <u>  B  </u> <u>  C  </u> <u>  D  </u> <u>  E  </u> <u>  F  </u> <u>  G  </u> <u>None</u>
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>

*Ans*

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

MHT No. WA-I-347

Name and SHA No. Rose's Mill Bridge (W4021)

**Location:**

Street/Road Name and Number: Garis Shop Road over Antietam Creek

City/Town: Funkstown  vicinity

County: Washington

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 Bridge

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:**

*Rose's Mill Bridge carries Garis Shop Road over Antietam Creek in an east-west direction. Antietam Creek flows generally north-south. The stone foundation, partial walls and extant dam of Rose Mill about the northwest side of the bridge, while remains of a stone and frame structure, said to be a second mill, are directly to the northeast of the bridge (Maryland Historical Trust site WA-I-413; Maryland archaeology site 18-WA-305). To the east of the bridge lies a white multi-gabled sided dwelling appearing to date from the late 19th century. A spring opening is housed in a small limestone-lined concavity in the steep creek bank situated to the south of the bridge on the creek's east side. Two prehistoric archaeological sites, 18-WA-452 and 18-WA-453, have been recorded slightly downstream from the bridge on opposite sides of the creek.*

**Describe Superstructure and Substructure:  
(Discuss points identified in Context Addendum, Section C)**

*This three-span stone arch bridge is constructed from coursed local limestone, with each arch containing carefully cut segmental voussoirs, depicting no obvious keystone. It measures 132 feet in total length. The center arch is 26 feet wide and the flanking arches are each 23 feet wide. The roadway is 17 feet, 4 inches wide and carries a single lane of traffic. The westernmost arch crosses the former mill race. Piers are rounded on the downstream elevation but flattened on the upstream side. A unique feature of this bridge is the wide outshot located at the northwestern end of the structure. This platform was constructed so that wagons could back up to the side of the mill and be loaded from the second story door. The eastern side of this outshot is formed from the bridge's wing wall, while the northern face contains an additional arch, which evidently spanned the mill race. Set into the side of the outshot's eastern wall is a plaque commemorating the structure's erection. It is inscribed: "Washington County/Permanent Bridge/No. 15 Built by/JOHN A. WEVER/for the Commissioners viz./Jacob H. Grove, Pres./Andrew Rentch,/Michael Smith,/Horatio N. Harne,/Samuel Lyday,/James Condry,/Eli Crampton,/Robert Fowler,/John C. Dorsey./June the 24th/1839."*

**Discuss major alterations:**

*According to the Washington County Engineer's Office, Rose's Mill Bridge was reconstructed or renovated in the summer of 1979. Specific alterations included removing and rebuilding the parapet and spandrel walls on the east end; repointing masonry and replacing cracked or dislocated stone at the low water level; directing water flow away from the parapet walls (on the east end this entailed constructing a bituminous gutter); removing a section of the existing parapet wall on the northeast side and constructing a 2 foot opening at the ground elevation; constructing a 3 foot wide concrete valley gutter with a slope to drain; making the parapet walls higher; removing and rebuilding the upstream wall on the line of the arch ring; rebuilding the stone where the pier meets the spandrel walls between spans 1 and 2; tapering the south parapet to meet the top guardrail; filling a pocket at span 3 (the smallest span) near the west abutment and grading the area to drain into the creek; and after excavating as necessary, cleaning the existing arch rings before placing concrete arch caps on top.*

**History:****When Built:** 1839**Why Built:** *to facilitate travel to the mill***Who Built:** *John Weaver***Who Designed:** *unknown***Why Altered:** *stabilization of structure***Was this bridge built as part of an organized bridge building campaign:** *no***Surveyor Analysis:****This bridge may have NR significance for association with:** A Events  B Person C Engineering/Architectural Character**Was the bridge constructed in response to significant events in Maryland or local history?**

*As with many stone arch bridges in Washington County, Rose's Mill Bridge was erected near the site of a mill, in this case Rose Mill, also known as Pleasant Grove Mill, which operated during the late 18th and 19th centuries. Milling and agriculture were the primary industries of the county. A large number of mills were built along significant waterways such as Antietam Creek and Conococheague Creek, as well as near smaller tributaries. Many of the region's major roadways led to and serviced these mill sites, which also served as centers for trade and social meetings. Bridges such as Rose's Mill Bridge facilitated travel to and from these mills.*

**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?**

*With its key position in proximity to a mill, Rose's Mill Bridge played an important role in stimulating transportation and commerce throughout the area. Its presence helped promote growth and development on both a local and regional level.*

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

*Rose's Mill Bridge is located in an area of high historic potential. Should this area be nominated as an historic district, the bridge would be a significant addition to both the historic and visual character of the possible district.*

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

*Despite its minor modifications, Rose's Mill Bridge is a particularly significant example of the stone arch bridge due to its unusual architecture.*

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

*This bridge retains integrity of location, design, setting, materials, workmanship, feeling and association. Despite the minimal alterations discussed above, Rose's Mill Bridge still possesses integrity of nearly all of its original components, including the stone arch rings and barrels, spandrel walls, abutments, wing walls, and piers. In general, the bridge is in good to excellent condition.*

**Is the bridge a significant example of the work of the manufacturer, designer, and/or engineer and why?**

*Rose's Mill Bridge is the second bridge built by John Weaver in Washington County. It is unique in that it incorporates an extension emanating from its west abutment, apparently for use as a loading dock for wagons parked alongside the mill. This special adaptation makes the Rose's Mill Bridge particularly noteworthy. These traits make the bridge potentially eligible under Criterion C.*

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

*Rose's Mill Bridge has been well documented, both in written and photographic form. In 1975, it was included in a comprehensive survey of Washington County's stone arch bridges that culminated with the preparation of National Register nomination forms for the bridges. These nomination forms have never been submitted to the National Register. It is presently listed in the Maryland Historical Trust's Inventory. No further study is recommended.*

**Provide black and white prints and negatives and color slides of bridge, details, and setting labeled according to NR Bulletin 16A and Maryland Supplement to Bulletin 16A.**

**Provide a photocopy USGS map illustrating the location of the bridge.**

**Surveyor:**

**Name:**

Alice Crampton/Julie Abell

**Date:**

11/15/94

**Organization:**

Parsons Engineering Science, Inc.

**Telephone:**

(703) 591-7575

**Address:**

10521 Rosehaven Street  
Fairfax, Virginia 22030-2399

MARYLAND HISTORICAL TRUST WORKSHEET

MABI# 2206843417

NOMINATION FORM  
for the  
NATIONAL REGISTER OF HISTORIC PLACES, NATIONAL PARKS SERVICE

SEE INSTRUCTIONS

**1. NAME**

COMMON:  
Rose's Mill Bridge

AND/OR HISTORIC:

**2. LOCATION**

STREET AND NUMBER:  
Garis Shop Road

CITY OR TOWN:  
Funkstown vicinity

STATE: Maryland      COUNTY: Washington

**3. CLASSIFICATION**

CATEGORY (Check One)	OWNERSHIP	STATUS	ACCESSIBLE TO THE PUBLIC
<input type="checkbox"/> District <input type="checkbox"/> Building <input type="checkbox"/> Site <input checked="" type="checkbox"/> Structure <input type="checkbox"/> Object	<input checked="" type="checkbox"/> Public <input type="checkbox"/> Private <input type="checkbox"/> Both	Public Acquisition: <input type="checkbox"/> In Process <input type="checkbox"/> Being Considered	<input type="checkbox"/> Occupied <input type="checkbox"/> Unoccupied <input type="checkbox"/> Preservation work in progress
PRESENT USE (Check One or More as Appropriate)			
<input type="checkbox"/> Agricultural <input type="checkbox"/> Commercial <input type="checkbox"/> Educational <input type="checkbox"/> Entertainment	<input type="checkbox"/> Government <input type="checkbox"/> Industrial <input type="checkbox"/> Military <input type="checkbox"/> Museum	<input type="checkbox"/> Pork <input type="checkbox"/> Private Residence <input type="checkbox"/> Religious <input type="checkbox"/> Scientific	<input checked="" type="checkbox"/> Transportation <input type="checkbox"/> Other (Specify) _____ _____ _____

Yes:  
 Restricted  
 Unrestricted  
 No

**4. OWNER OF PROPERTY**

OWNER'S NAME:  
Board of County Commissioners of Washington County

STREET AND NUMBER:  
Washington County Court House

CITY OR TOWN: Hagerstown      STATE: Maryland

**5. LOCATION OF LEGAL DESCRIPTION**

COURTHOUSE, REGISTRY OF DEEDS, ETC:

STREET AND NUMBER:

CITY OR TOWN:      STATE:

Title Reference of Current Deed (Book & Pg. #):

**6. REPRESENTATION IN EXISTING SURVEYS**

TITLE OF SURVEY:

DATE OF SURVEY:       Federal     State     County     Local

DEPOSITORY FOR SURVEY RECORDS:

STREET AND NUMBER:

CITY OR TOWN:      STATE:

7. DESCRIPTION	
CONDITION	(Check One)
	<input type="checkbox"/> Excellent <input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Deteriorated <input type="checkbox"/> Ruins <input type="checkbox"/> Unexposed
	(Check One)
	<input checked="" type="checkbox"/> Altered < 50% <input type="checkbox"/> Uncltered <input type="checkbox"/> Moved <input checked="" type="checkbox"/> Original Site
DESCRIBE THE PRESENT AND ORIGINAL (if known) PHYSICAL APPEARANCE	
<p>Rose's Mill Bridge carries Garis Shop Road across the Antietam Creek at the site of Rose's Mill, a short distance south of Funkstown in Washington County, Md.</p> <p>Built in 1839 by John Wever (Weaver), the three-arched structure is constructed of coursed local fieldstone. Each of its arches is lined with carefully cut voussoirs. Between the arches, the piers terminate with rounded projections at the downstream elevation of the bridge while flattened projections finish the upstream face of the bridge. The westernmost arch spans the millrace and is several feet wider than the other two openings, forming an outshot for a platform or loading area under the mill wall. It is said that the purpose of the outshot was to allow wagons to park directly under the upper door of the mill so that loading and unloading could be facilitated.</p> <p>Set in the west wall of the outshot is a plaque which is inscribed: Washington County Permanent Bridge #15, built by John A. Wever for the County Commissioners, viz. Jacob A. Grove, President, Andrew Rength, Michael Smith, Horatio N. Harne, Samuel Lyday, James Condy, Eli Crampton, Robert Fowler, John C. Dorsey. June the 24th, 1839.</p> <p>The slightly altered Rose's Mill Bridge shows evidence of modern repointing. A layer of concrete has replaced its original coping. Immediately north of the bridge are the ruins of Rose's Mill, also known as Sharer's Mill (see WA-I-413). Evidence of the mill includes portions of the mill dam, foundations and segments of the mill structure and a stone and frame structure said to have been a second mill.</p> <p>The bridge appears to be in good condition and is open to daily traffic.</p>	

SEE INSTRUCTIONS

**9. SIGNIFICANCE**

PERIOD (Check One or More as Appropriate)

- Pre-Columbian       16th Century       18th Century       20th Century
- 15th Century       17th Century       19th Century

SPECIFIC DATE(S) (If Applicable and Known)      1839

AREAS OF SIGNIFICANCE (Check One or More as Appropriate)

- |  |   |  |   |
|--|---|--|---|
| <ul style="list-style-type: none"> <li><input type="checkbox"/> Aboriginal</li> <li><input type="checkbox"/> Prehistoric</li> <li><input type="checkbox"/> Historic</li> <li><input type="checkbox"/> Agriculture</li> <li><input checked="" type="checkbox"/> Architecture</li> <li><input type="checkbox"/> Art</li> <li><input checked="" type="checkbox"/> Commerce</li> <li><input type="checkbox"/> Communications</li> <li><input type="checkbox"/> Conservation</li> </ul> | <ul style="list-style-type: none"> <li><input type="checkbox"/> Education</li> <li><input checked="" type="checkbox"/> Engineering</li> <li><input type="checkbox"/> Industry</li> <li><input type="checkbox"/> Invention</li> <li><input type="checkbox"/> Landscape Architecture</li> <li><input type="checkbox"/> Literature</li> <li><input type="checkbox"/> Military</li> <li><input type="checkbox"/> Music</li> </ul> | <ul style="list-style-type: none"> <li><input type="checkbox"/> Political</li> <li><input type="checkbox"/> Religion/Philosophy</li> <li><input type="checkbox"/> Science</li> <li><input type="checkbox"/> Sculpture</li> <li><input type="checkbox"/> Social/Humanitarian</li> <li><input type="checkbox"/> Theater</li> <li><input checked="" type="checkbox"/> Transportation</li> </ul> | <ul style="list-style-type: none"> <li><input type="checkbox"/> Urban Planning</li> <li><input type="checkbox"/> Other (Specify) _____</li> <li>_____</li> <li>_____</li> <li>_____</li> <li>_____</li> </ul> |
|--|---|--|---|

STATEMENT OF SIGNIFICANCE

The Rose's Mill Bridge is significant for its architecture, for its contribution to commerce and transportation in Washington County and as an example of the engineering skills of the county's early bridge builders.

Built in 1839, Rose's Mill Bridge is one of nearly thirty stone arched bridges and culverts in Washington County. Most of these structures were built between 1820 and 1850 and appear to reflect a major early 19th century trend in the Cumberland Valley of building with stone. The oldest dated stone bridge in the county is the five-arch span built in 1819 which carried the National Pike across the Conococheague Creek (see WA-V-001). It is said that stone bridges because of their greater durability were used for the National Pike at the insistence of the Maryland legislature.

The Rose's Mill Bridge is also significant for its contribution to commerce and transportation in Washington County. Like many of the county's stone bridges, it was built in close proximity to a mill and at an established fording place. Milling was an important economic factor in 18th and 19th century Washington County. The numerous mills as well as contributing to the early commercial growth of Washington County, also provided a meeting place and social outlet for residents of the County. The bridge which was erected long after the mill had been established, facilitated transportation to and from the mill and thus contributed to the development of commerce in the area.

The bridge is also worthy of note as an example of the engineering abilities of the 19th century bridge builders. Carrying daily traffic since 1839, Rose's Mill Bridge remains as a monument to the engineering capabilities of its builder, John Weaver. In addition to John Weaver, other bridge builders in the county included George Weaver, Silas Harry and the Lloyds, a Pennsylvania firm.

SEE INSTRUCTIONS

WA-I-347

**9 MAJOR BIBLIOGRAPHICAL REFERENCES**

Hays, Helen Ashe, The Antietam and Its Bridges, New York: G. P. Putnam's Sons, 1910.  
 Washington County Museum of Fine Arts, exhibition catalog, "Bridges: Our Legacy in Stone," Hagerstown, Md., August-September, 1965.

**10 GEOGRAPHICAL DATA**

LATITUDE AND LONGITUDE COORDINATES DEFINING A RECTANGLE LOCATING THE PROPERTY			O R	LATITUDE AND LONGITUDE COORDINATES DEFINING THE CENTER POINT OF A PROPERTY OF LESS THAN TEN ACRES		
CORNER	LATITUDE	LONGITUDE		LATITUDE	LONGITUDE	
	Degrees Minutes Seconds	Degrees Minutes Seconds		Degrees Minutes Seconds	Degrees Minutes Seconds	
NW	° ' "	° ' "		° ' "	° ' "	
NE	° ' "	° ' "		° ' "	° ' "	
SE	° ' "	° ' "		° ' "	° ' "	
SW	° ' "	° ' "		° ' "	° ' "	

APPROXIMATE ACREAGE OF NOMINATED PROPERTY:

Acreage Justification:

SEE INSTRUCTIONS

**11. FORM PREPARED BY**

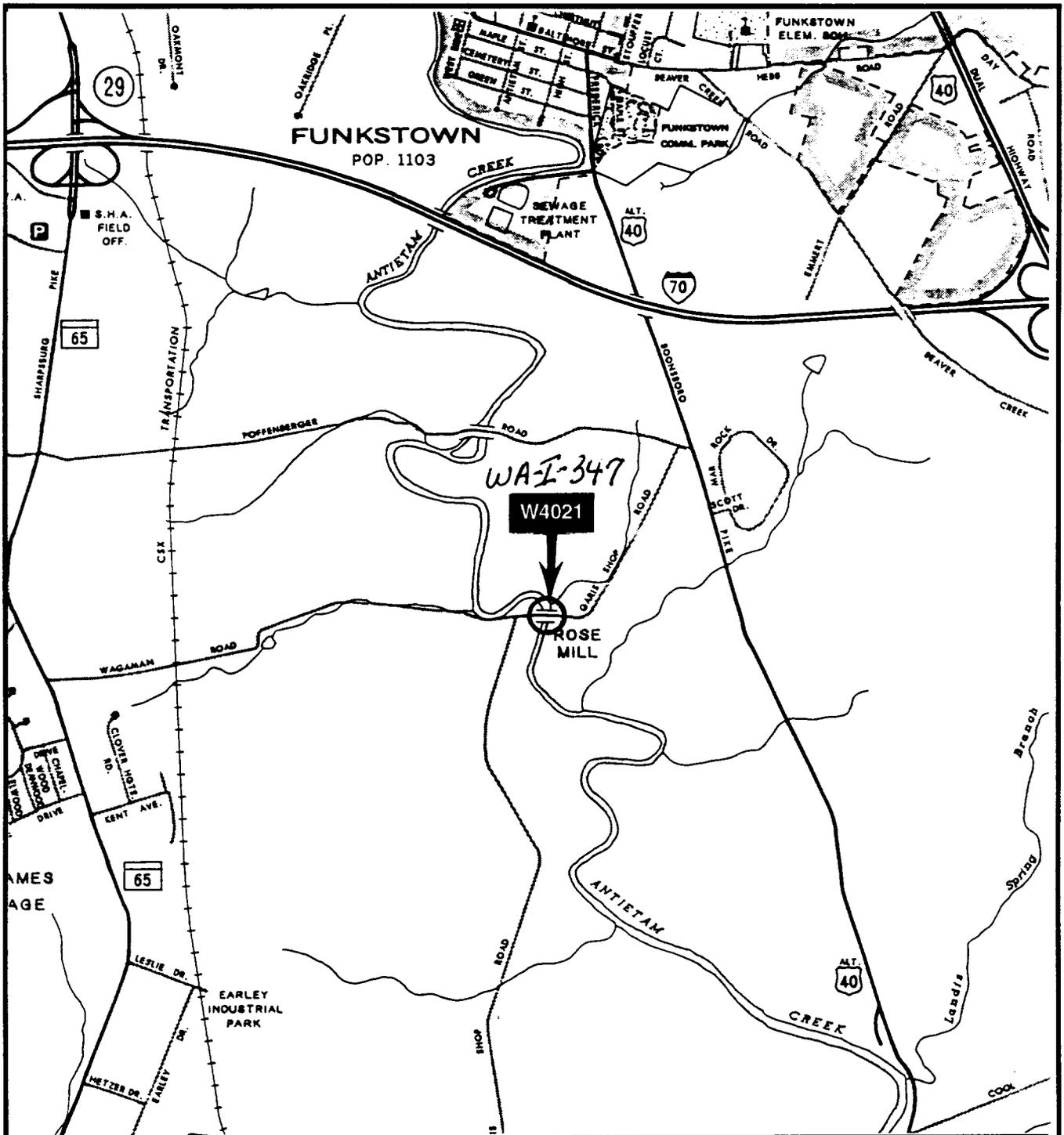
NAME AND TITLE: Paula Stoner Dickey, Consultant		DATE: May, 1975
ORGANIZATION: Washington County Historical Sites Survey		
STREET AND NUMBER: Court House Annex		
CITY OR TOWN: Hagerstown	STATE: Maryland	

**12. State Liaison Officer Review: (Office Use Only)**

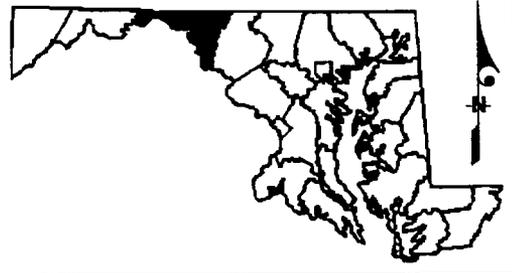
Significance of this property is:

National  State  Local

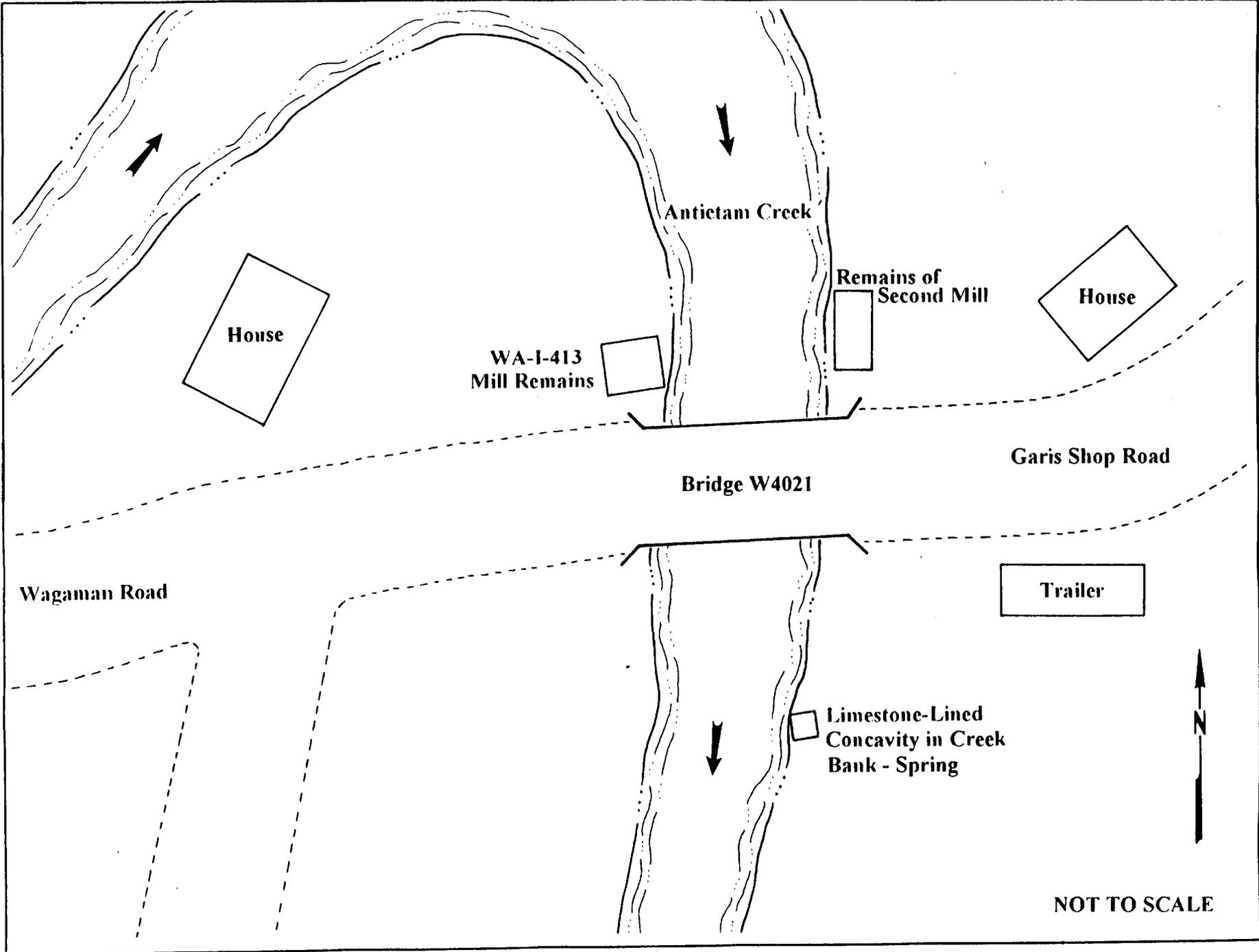
\_\_\_\_\_  
Signature



**Washington County - Bridge Number W4021**  
 Garis Shop Road over Antietam Creek  
 (Rose's Mill Bridge)

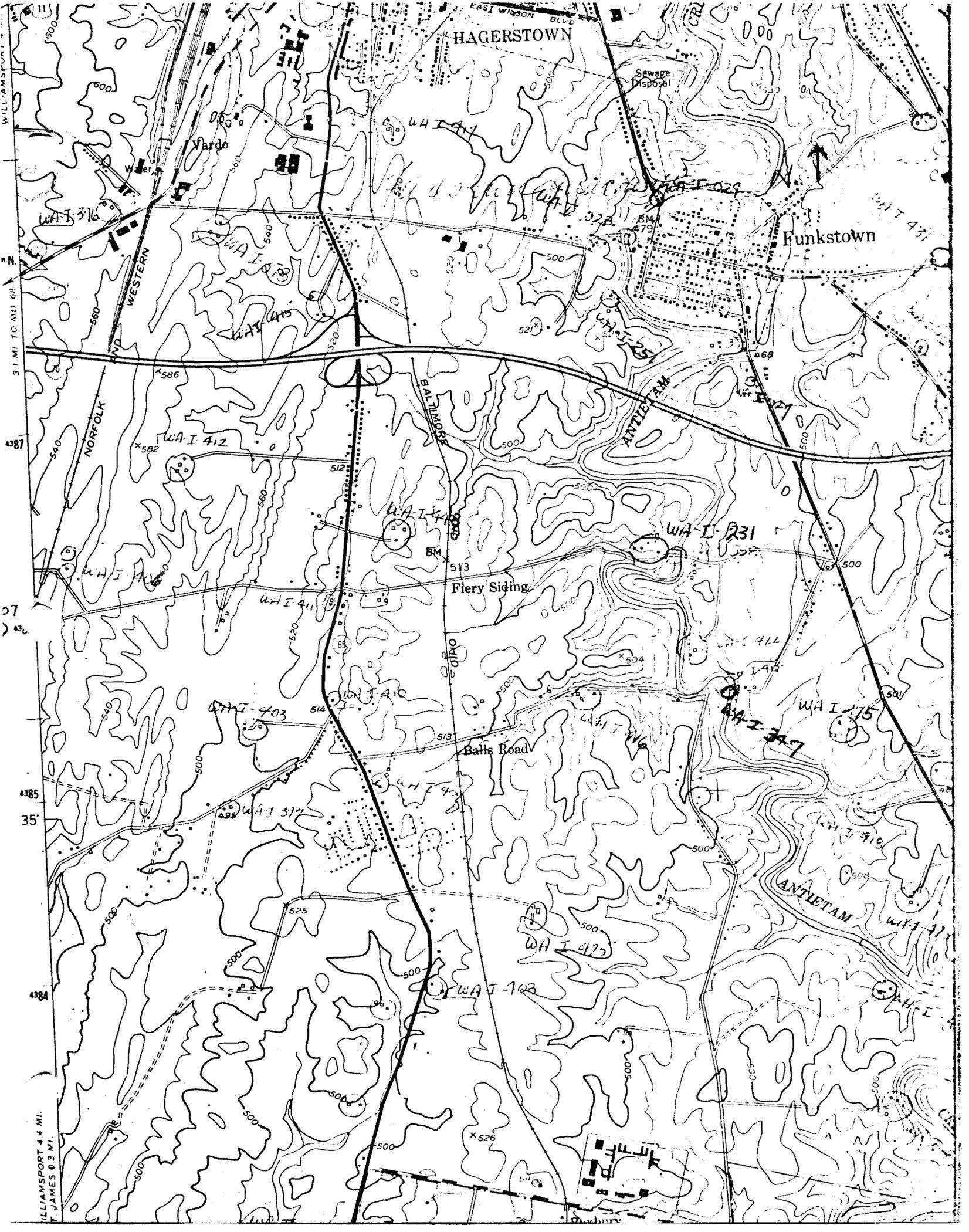


Scale 0 1000 2000 feet  
 0 0.5 kilometer



IV-346

WA-I-347



HAGERSTOWN

Funkstown

Fiery Siding

Balls Road

ANTIETAM

WILLIAMSPORT 4.4 MI.  
T JAMES 9.3 MI.

3.1 MI TO MD 68

4387

07  
436

4385  
35'

4384

WILLIAMSPORT 4.4 MI.  
T JAMES 9.3 MI.



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Rose's Mill Bridge (W4021)

Washington County, Maryland

Julie Abell

11/94

Maryland State Highway Administration

North elevation

1 of 14



WA-I-347

Rose's Mill Bridge (W4021)

Washington County, Maryland

Julie Abell

11/94

Maryland State Highway Administration

North elevation

2 of 14



WA-I-347

Rose's Mill Bridge (W4021)

Washington County, Maryland

Julie Abell

11/94

Maryland State Highway Administration

North elevation showing structure remains  
on northeast (WA-I-413), outshot  
on northwest

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WA-I-347

Rose's Mill Bridge (W4021)

Washington County, Maryland

Julie Abell

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Maryland State Highway Administration

South elevation

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Rose's Mill Bridge (W4021)

Washington County, Maryland

Julie Abell

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Maryland State Highway Administration

South elevation, detail

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Rose's Mill Bridge (W4021)  
Washington County, Maryland

Julie Abell

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Maryland State Highway  
Administration

Approach looking west

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WA I-347

Rose's Mill Bridge (W4021)  
Washington County, Maryland

Julie Abell

11/94

Maryland State Highway  
Administration

Approach looking east

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PLAQUE WITH ILLEGIBLE INSCRIPTION

WA-I-347

Rose's Mill Bridge (W4021)

Washington County, Maryland

Julie Abell

11/94

Maryland State Highway

Administration

Outshot on northwest side  
of bridge showing 1839  
stone plaque in wall

of 14

Washington County  
Barnegat Bridge  
No. 15. Built by  
**JOHN A. WEAVER**  
of the Commissioners of  
Jacob H. Brown, Pres.  
Andrew Smith,  
Michael Smith,  
Horatio S. Harris,  
Samuel Joyday,  
James Condy,  
Eli Campbell,  
Robert Fowler,  
John C. Dorsey,  
June the 24<sup>th</sup>,  
1839.

WA-I-347

Rose's Mill Bridge (W4021)  
Washington County, Maryland

Julie Abell

11/94

Maryland State Highway  
Administration

1839 stone plaque

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WA-I-347

Rose's Mill Bridge (W4021)

Washington County, Maryland

Julie Abell

11/94

Maryland State Highway Administration

Mill remains, northwest side of bridge

(WA-I-413)

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WA-I-347

Rose's Mill Bridge (W4021)

Washington County, Maryland

Julie Abell

11/94

Maryland State Highway Administration

Mill remains, northwest side of bridge  
(WA-I-413)

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WA-I-347

Rose's Mill Bridge (W4021)

Washington County, Maryland

Julie Abell

11/94

Maryland State Highway Administration  
Structure remains, northeast side of  
bridge (WA-I-413)

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Rose's Mill Bridge (W4021)

Washington County, Maryland

Julie Avell

11/94

Maryland State Highway Administration

Antietam Creek looking upstream

showing dam remains

3 of 14



WA-I-347

Rose's Mill Bridge (W4021)

Washington County, Maryland

Julie Abell

11/94

Maryland State Highway  
Administration

Limestone-lined cavity  
in bank to southeast  
of bridge

11/94



1000 I 200

nd W.

11/10/6 1975

PAULA STONER DICKEY  
CONSULTANT, WASHINGTON CO.  
HISTORICAL SITES SURVEY



W.H. 10-3-57

5-00

1/19/20 14:35

PAULA STONER DICKEY  
CONSULTANT, WASHINGTON CO  
HISTORICAL SITES SURVEY



Washington Court  
Commander Benjamin  
V. B. Smith  
to the Commanding  
General of the  
Army of the  
North  
Major General  
Samuel Taylor  
James C. Cantel  
The Commanding  
Robert Taylor  
John S. Dorst  
June the 2<sup>nd</sup>  
1839

up 1/22

PAULA STONER DICKEY  
CONSULTANT, WASHINGTON DC  
HISTORICAL SITES SURVEY