

Mason & Dixon Line Survey

National Registry Project



Maryland Society of Surveyors

PHMC pennsylvania HISTORICAL & MUSEUM COMMISSION

Pennsylvania Society of Land Surveyors

MGS MARYLAND GEOLOGICAL SURVEY

MARYLAND HISTORICAL TRUST







Mason & Dixon Line Survey

National Registry Project





Maryland



West Virginia

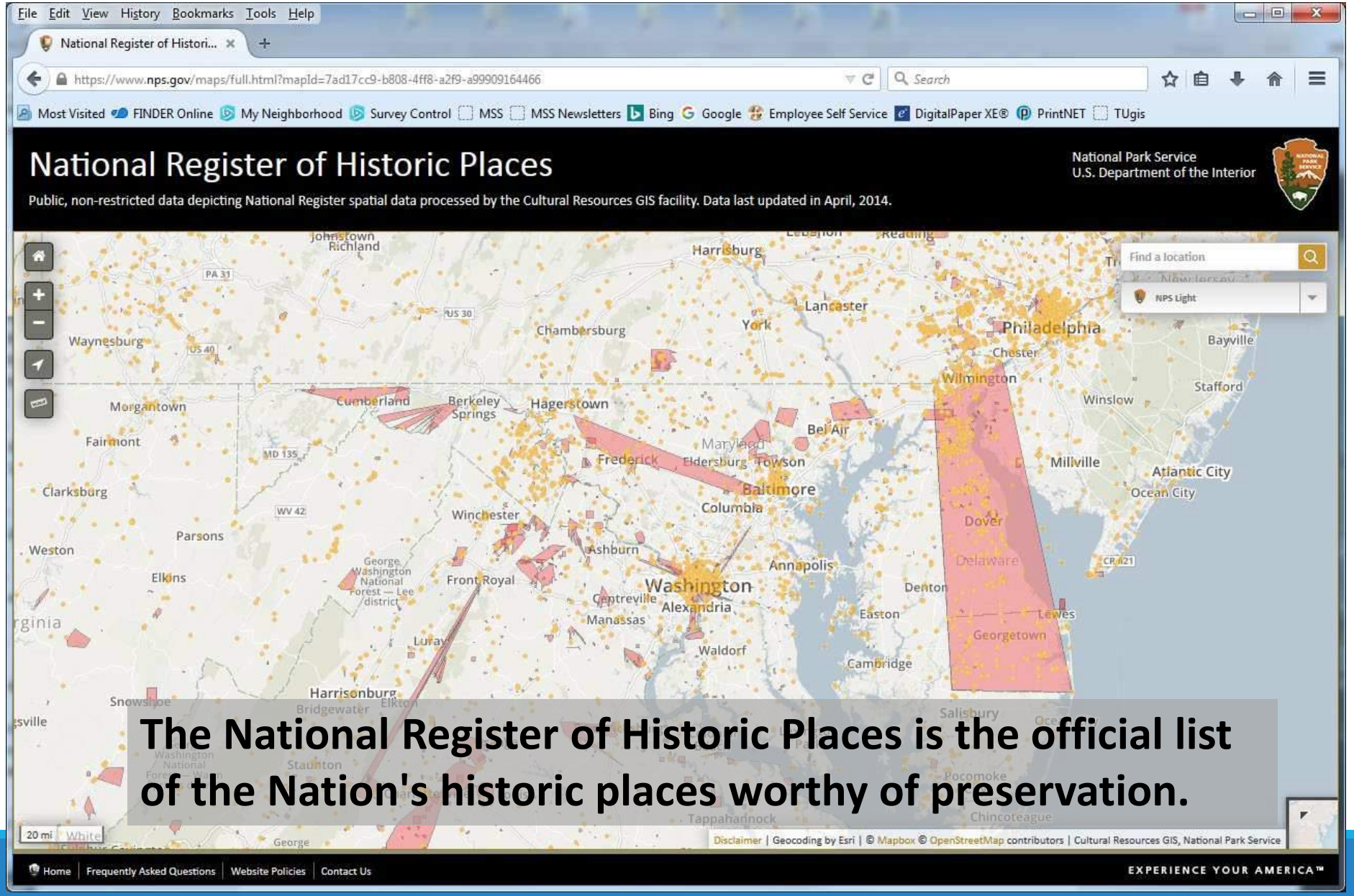
- Purpose of Inventory
- State Partners
- Statutes
- Parts of Mason & Dixon Survey
- Resurveys/Inspections/Historic Inventories
- Stone Numbering Methods
- Stone Identification
- MGS Inventory Form/App



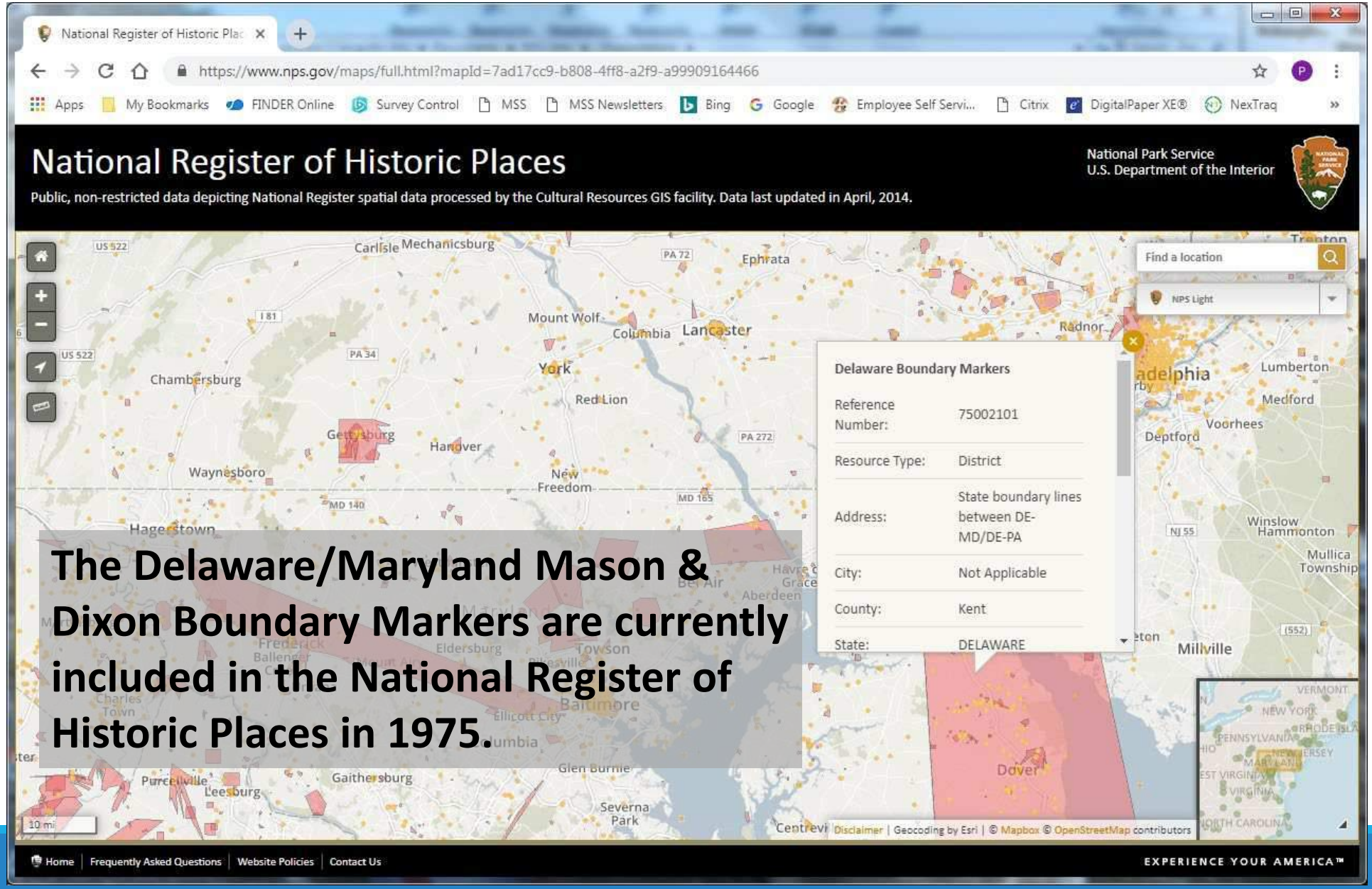
Pennsylvania



Delaware



The National Register of Historic Places is the official list of the Nation's historic places worthy of preservation.


National Register of Historic Plac
https://www.nps.gov/maps/full.html?mapId=7ad17cc9-b808-4ff8-a2f9-a99909164466
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National Register of Historic Places
Public, non-restricted data depicting National Register spatial data processed by the Cultural Resources GIS facility. Data last updated in April, 2014.
National Park Service
U.S. Department of the Interior
Find a location
NPS Light
Delaware Boundary Markers
Reference Number: 75002101
Resource Type: District
Address: State boundary lines between DE-MD/DE-PA
City: Not Applicable
County: Kent
State: DELAWARE
The Delaware/Maryland Mason & Dixon Boundary Markers are currently included in the National Register of Historic Places in 1975.
Carlisle
Mechanicsburg
Ephrata
Mount Wolf
Columbia
Lancaster
Radnor
York
Red Lion
Chambersburg
Gettysburg
Hanover
Waynesboro
New Freedom
Hagerstown
Lumberton
Medford
Voorhees
Deptford
Winslow
Hammonton
Mullica Township
Millville
Dover
Frederick
Towson
Baltimore
Gaithersburg
Leesburg
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- The MGS Library
- A Short History of the Maryland Geological Survey
- The Kenneth N. Weaver Building
- Employment Opportunities

Ask an Expert

About the Maryland Geological Survey



Maryland's Official State Fossil Shell: Ecphora gardnerae gardnerae Wilson

Since the Maryland Geological Survey was created in 1896, it has been basically a scientific-investigative organization. It is charged with the many-faceted role of investigating the earth resources of Maryland through the application of the various disciplines within the general field of earth science. Thus, its primary mission concerns geologic studies, including geologic mapping, environmental geology, geology of mineral resources, water-resources investigations, coastal and estuarine geology, and topographic and geophysical mapping.

The Maryland Geological Survey has been an agency within the Department of Natural Resources (DNR) since 1969. With a reorganization of DNR in 1995, the Survey is now a division of DNR's Resource Assessment Service.

The Survey carries out its mission through two scientific programs--the Hydrogeology and Hydrology Program and the Coastal and Environmental Geosciences Program. The Hydrogeology and Hydrology Program, in cooperation with the U.S. Geological Survey, is responsible for the maintenance of a statewide water-data network, as well as the investigation of hydrologic and geologic characteristics of Maryland water resources. The Coastal and Environmental Geosciences Program has two broad areas of interest. In the area of coastal geoscience, the Program has the responsibility for basic and applied geological investigations in the coastal zone. In the area of environmental geoscience, the Program encompasses geologic mapping and related geological studies, mapping and assessment of the State's mineral resources, environmental geology applications, and the general dissemination of earth science information about Maryland.

Maryland Geological Survey
Richard A. Ortt, Jr., Director
2300 St. Paul Street, Baltimore, MD 21218
(410) 554-5500

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NATURAL RESOURCES
TITLE 2. MARYLAND GEOLOGICAL SURVEY
SUBTITLE 4. STATE BOUNDARY MONUMENTS

Md. NATURAL RESOURCES Code Ann. § 2-402 (2017)

§ 2-401. Joint ownership of monuments

Any monument which marks the common boundary between the State and any adjacent state, commonwealth, or district is the joint property of the State and the adjoining state, commonwealth, or district.

NATURAL RESOURCES
TITLE 2. MARYLAND GEOLOGICAL SURVEY
SUBTITLE 4. STATE BOUNDARY MONUMENTS

Md. NATURAL RESOURCES Code Ann. § 2-402 (2017)

§ 2-402. Duty and authority of Survey

The Survey shall examine, at least once every ten years, every monument which marks the boundaries of the State. Whenever the Survey finds the monument is lost, removed, or displaced causing the boundary to become obscure, inaccurate, or incorrect, it shall cooperate with the proper officials and agencies of the adjacent state, commonwealth, or district to replace, restore, or repair the monuments on the common boundary line. The Survey, on behalf of the State, may make any joint agreement or contract with appropriate officials or agencies of any adjacent state, commonwealth, or district, and the United States Coast and Geodetic Survey, or any similar disinterested party or agency, to resurvey, remark, or otherwise delineate more clearly any part of any common boundary between the State and any adjacent state, commonwealth, or district. In any resurvey, the present established boundaries of the State shall be preserved with the greatest possible fidelity.

NATURAL RESOURCES
TITLE 2. MARYLAND GEOLOGICAL SURVEY
SUBTITLE 4. STATE BOUNDARY MONUMENTS

Md. NATURAL RESOURCES Code Ann. § 2-402 (2017)

§ 2-403. Survey's right of entry on land

The **Survey (MGS)** may enter on any public or private property to examine any boundary monument. However, the Survey may not enter during the growing season on any land planted with crops which might be damaged by any entry.

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PA Historical Marker Progr...

www.phmc.pa.gov/Preservation/Historical-Markers/Pages/default.aspx

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Pennsylvania Historical & Museum Commission

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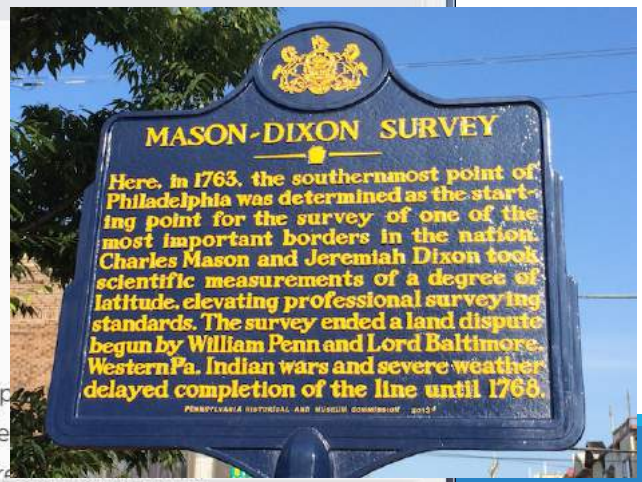


Photo Info

PHMC > Preservation > Historical Markers

Pennsylvania Historical Marker Program

The Pennsylvania Historical and Museum Commission administers a program of historical markers to cap
of people, places, events, and innovations that have affected the lives of Pennsylvanians over the centurie
Penn founded his Commonwealth. More than 2,000 cast aluminum markers tell the important and intere



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Maryland Historical Trust

mht.maryland.gov/historicalmarkers/

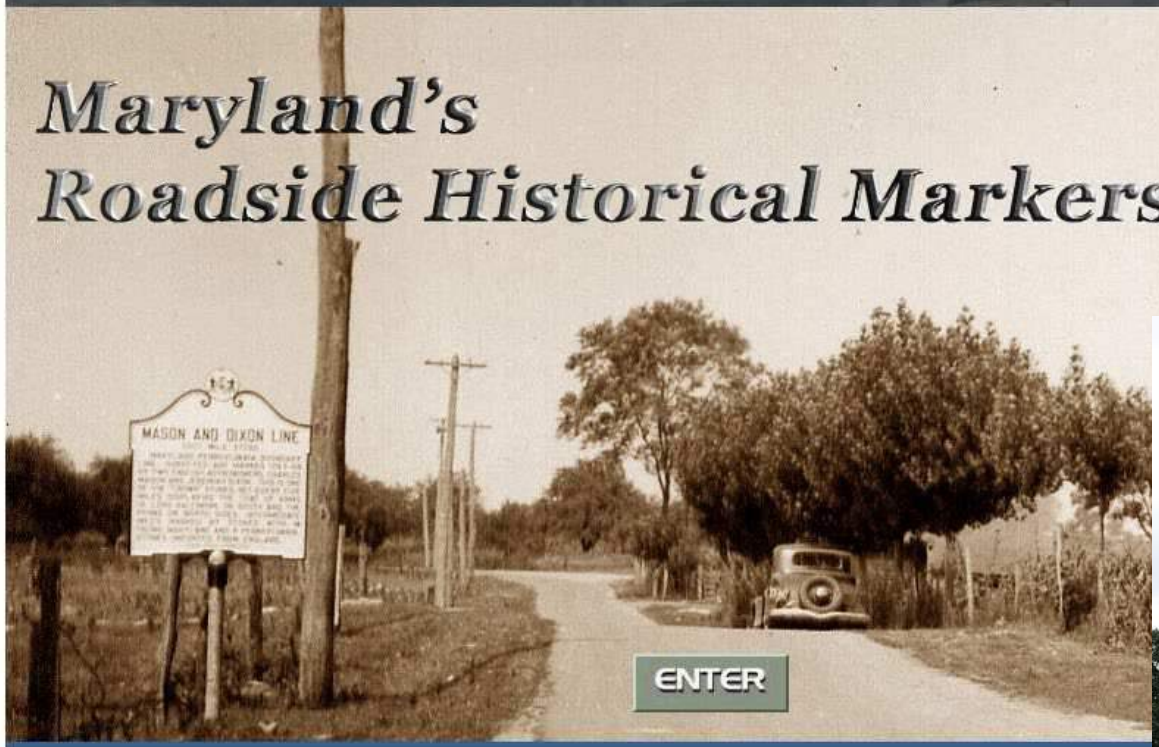
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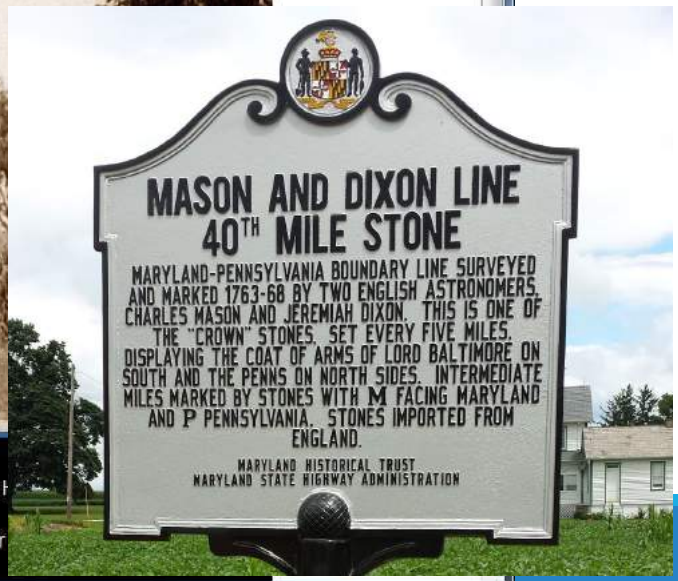
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MARYLAND .gov

DEPARTMENT OF PLANNING
MARYLAND HISTORICAL TRUST

Maryland's Roadside Historical Markers





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About the

SHA TEA-21 funds, administered by the Maryland State Highway Administration, supported data development for

Maryland Historical Trust

https://mht.maryland.gov/research_mihp.shtml

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DEPARTMENT OF PLANNING
MARYLAND HISTORICAL TRUST

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Quick Links

- Search the MIHP with Medusa

Resources

- Standards and Guidelines
- Word Template Instructions
- Final Checklist

Forms

- MIHP Form (Word)
- MIHP Addendum Form (Word)

The Maryland Inventory of Historic Properties (MIHP)



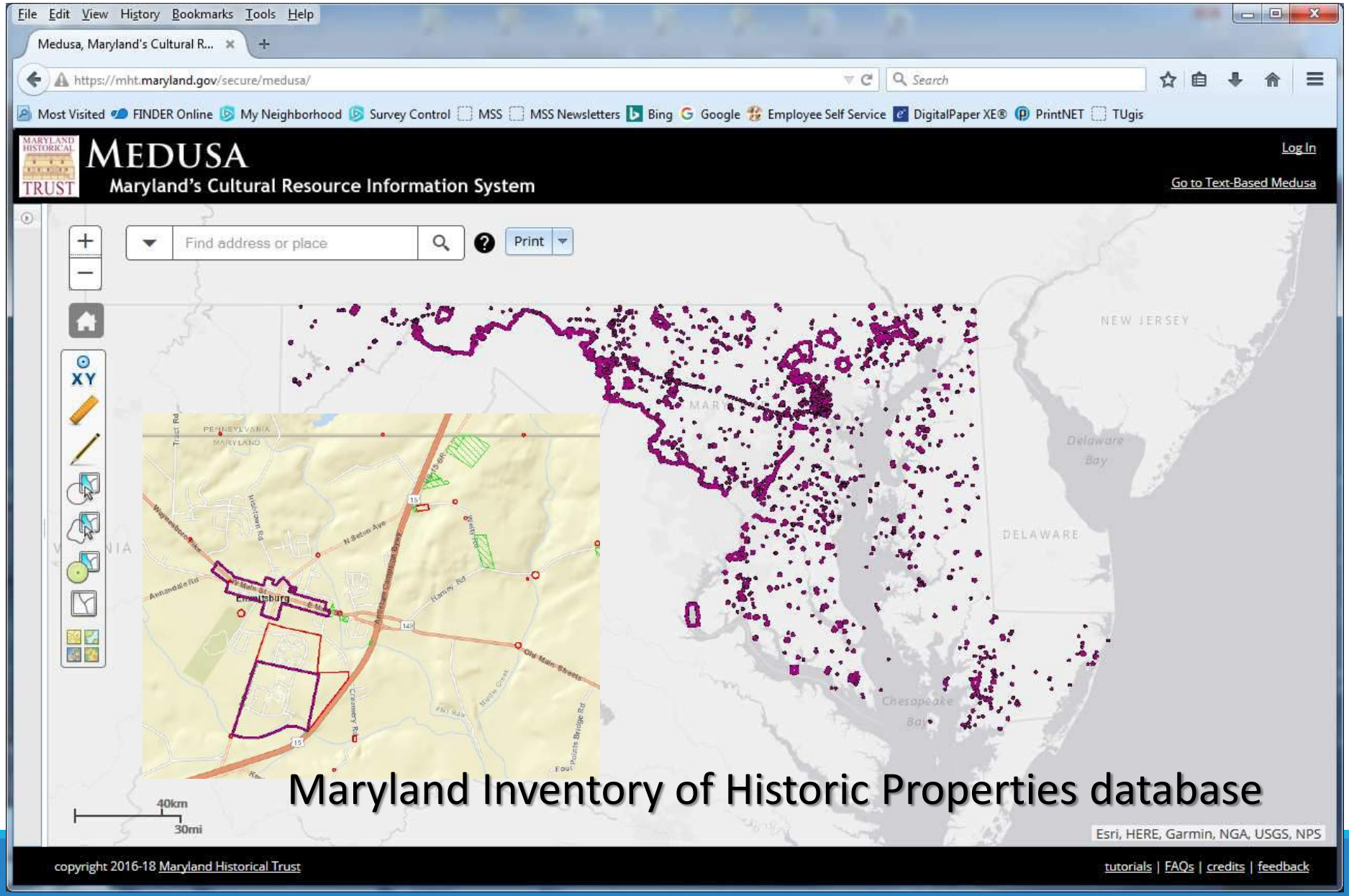
Search the MIHP

The Maryland Inventory of Historic Properties (MIHP) is a repository of information on districts, sites, buildings, structures, and objects of known or potential value to the prehistory and history of the State of Maryland. The Inventory was created shortly after the Maryland Historical Trust was founded in 1961, and now includes data on more than 13,000 archeological sites and 43,000 historic and architectural resources. The MIHP includes information about both standing structures and archeological resources. Inventoried properties contribute information to our understanding of Maryland's architecture, engineering, archeology, or culture.

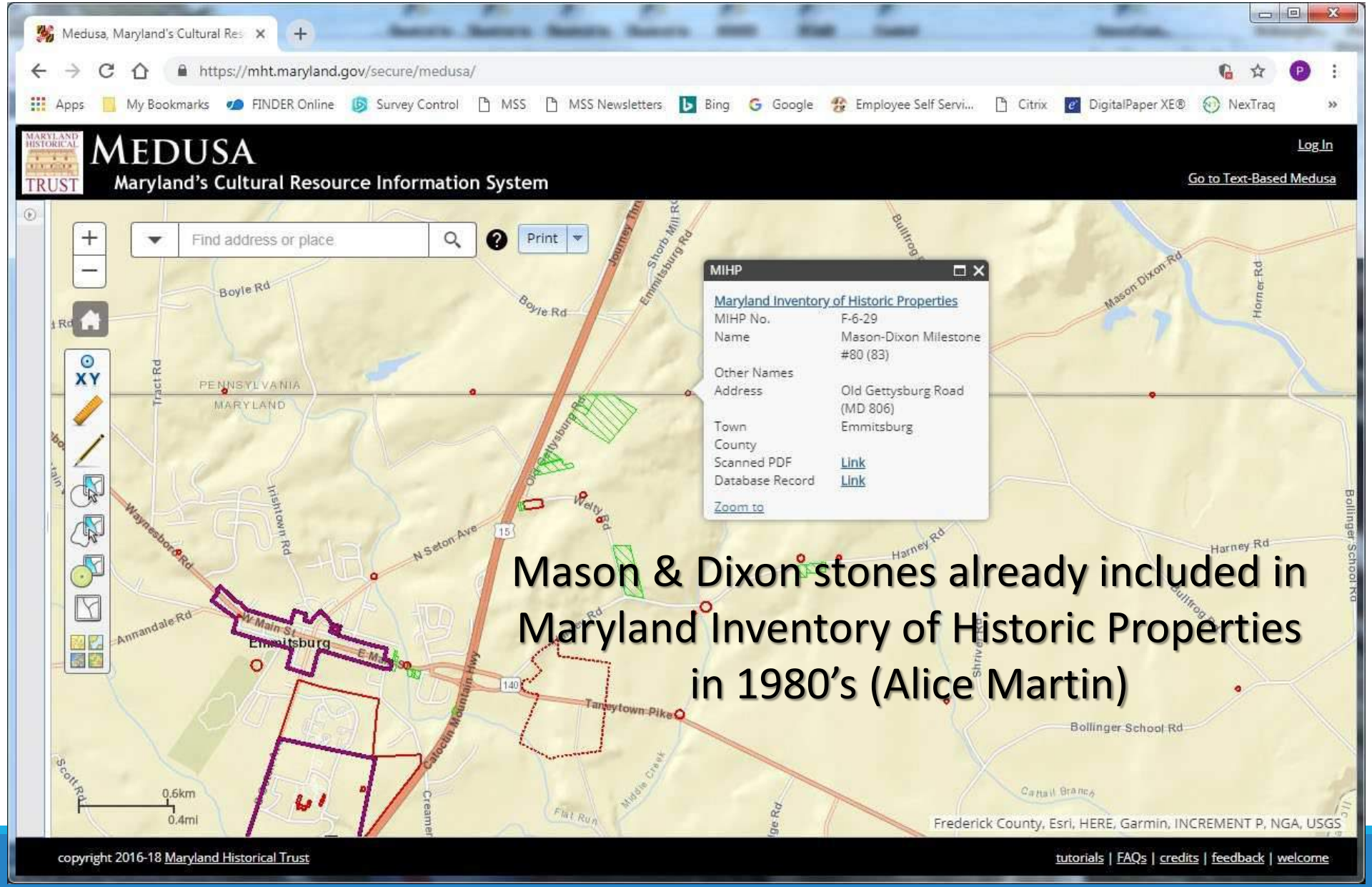
Note: The MIHP is solely an instrument for research and documentation: Inclusion in the Maryland Inventory of Historic Properties involves no regulatory restrictions or controls. Maryland state law provides mechanisms – separate from the MIHP – giving both the State and local jurisdictions the authority to regulate appropriately designated historic resources.

Placing a Property on the MIHP

1. Request a MIHP Number



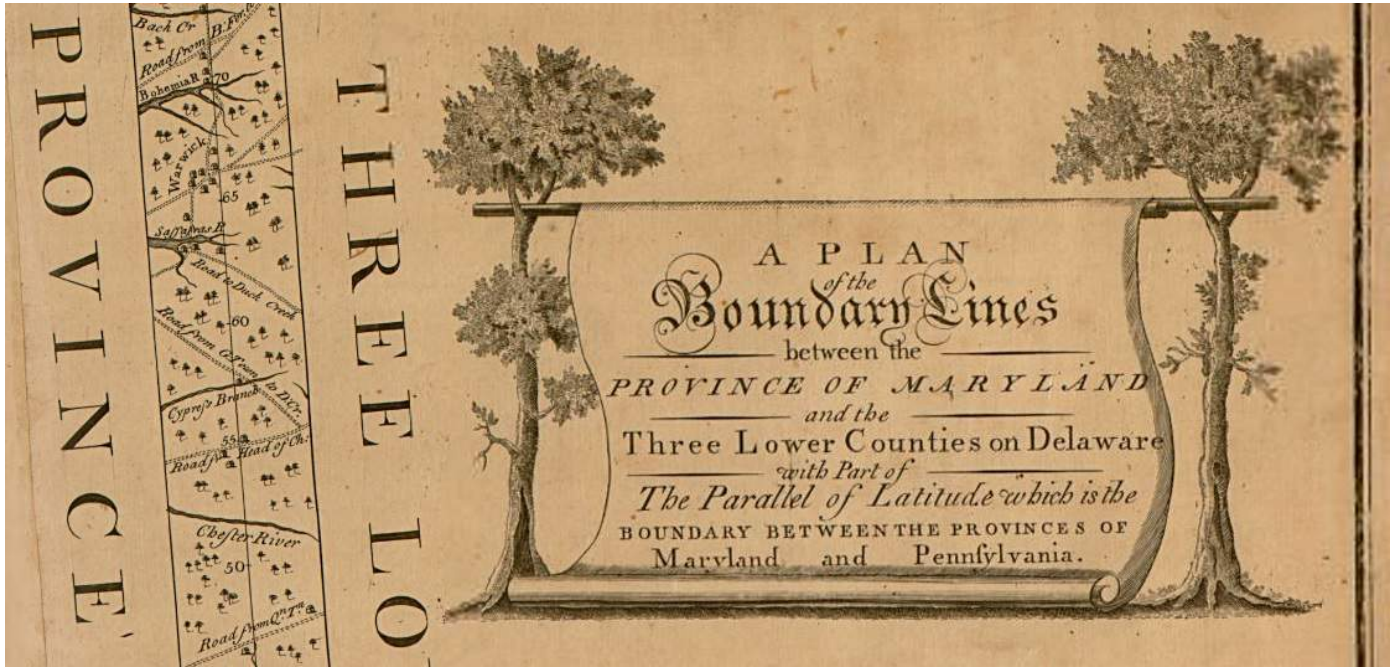
Maryland Inventory of Historic Properties database


Medusa, Maryland's Cultural Res
https://mht.maryland.gov/secure/medusa/
Apps
My Bookmarks
FINDER Online
Survey Control
MSS
MSS Newsletters
Bing
Google
Employee Self Servi...
Citrix
DigitalPaper XE®
NexTraq
MEDUSA
Maryland's Cultural Resource Information System
Log In
Go to Text-Based Medusa
Find address or place
Print
MIHP
Maryland Inventory of Historic Properties
MIHP No. F-6-29
Name Mason-Dixon Milestone #80 (83)
Other Names
Address Old Gettysburg Road (MD 806)
Town Emmitsburg
County
Scanned PDF Link
Database Record Link
Zoom to
Mason & Dixon stones already included in Maryland Inventory of Historic Properties in 1980's (Alice Martin)
Boyle Rd
Tract Rd
PENNSYLVANIA
MARYLAND
Old Gettysburg Rd
Welty Rd
N Seton Ave
Waynesboro Rd
Irishtown Rd
Annandale Rd
W Main St
Emmitsburg
Catoctin Mountain Hwy
Tanneytown Pike
Harney Rd
Bollinger School Rd
Mason Dixon Rd
Horner Rd
Shorb Mill Rd
Emmitsburg Rd
Scott Rd
Flat Run
Middle Creek
Canal Branch
0.6km
0.4mi
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Mason & Dixon Line "Original Survey"

November 15, 1763 to September 11, 1768

4 years, 9 months, 27 days

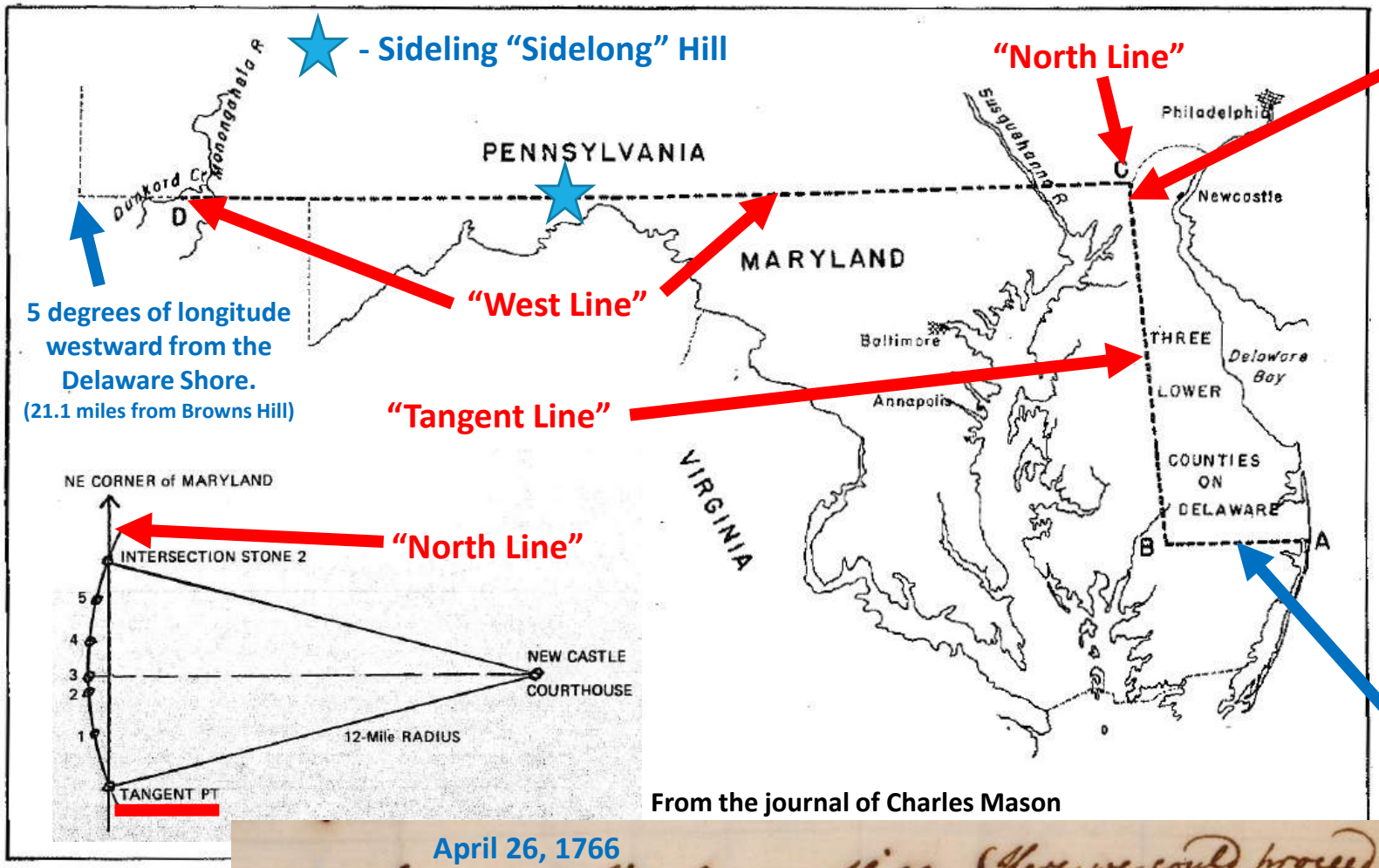


Portion of Map prepared by Jeremiah Dixon after the Survey



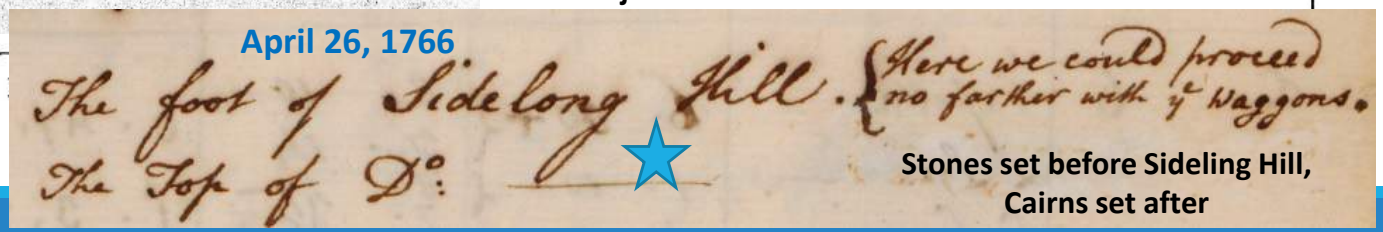
Limit of lines Surveyed

Parts of the Mason & Dixon Line Survey



From the journal of Charles Mason

April 26, 1766



Stones set before Sideling Hill,
Cairns set after

What is a Cairn?

Set at tops of high ridges and mountains-

"Heaps of Earth or Piles of Stone Three Yards and a half Diameter (10.5 feet) at Bottom and five (5) feet High, None less, but many four yards Diameter (12 feet) Six (6) or Seven (7) feet High."

10.5 - 12 feet in diameter and 5 - 7 feet high

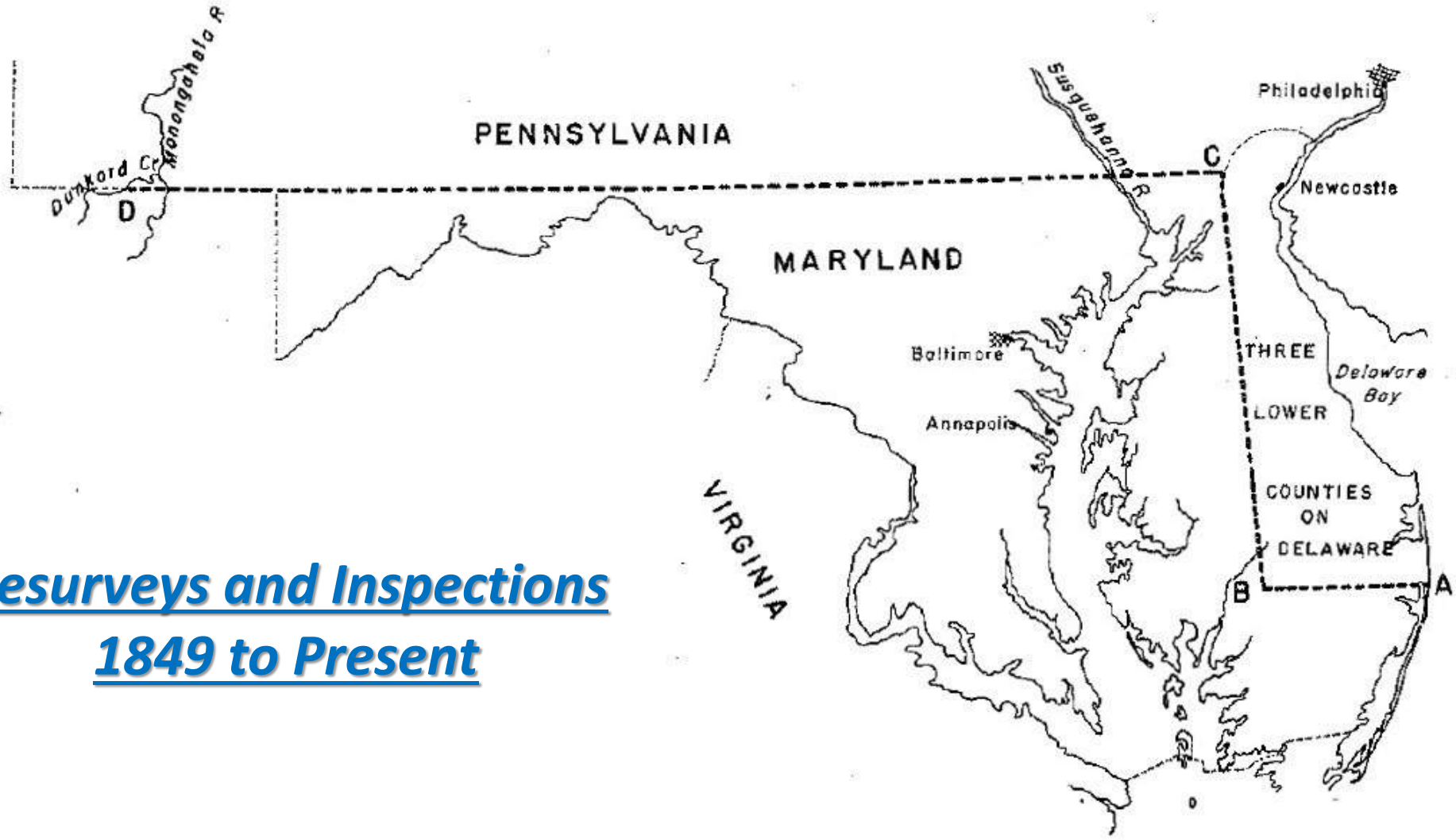


Mile posts west of Savage Mountain to the end of the line-

"Heaps of Earth or Stone Round them of Eight (8) feet Diameter at Bottom and 2 1/2 feet High."

8 feet in diameter and 2.5 feet high



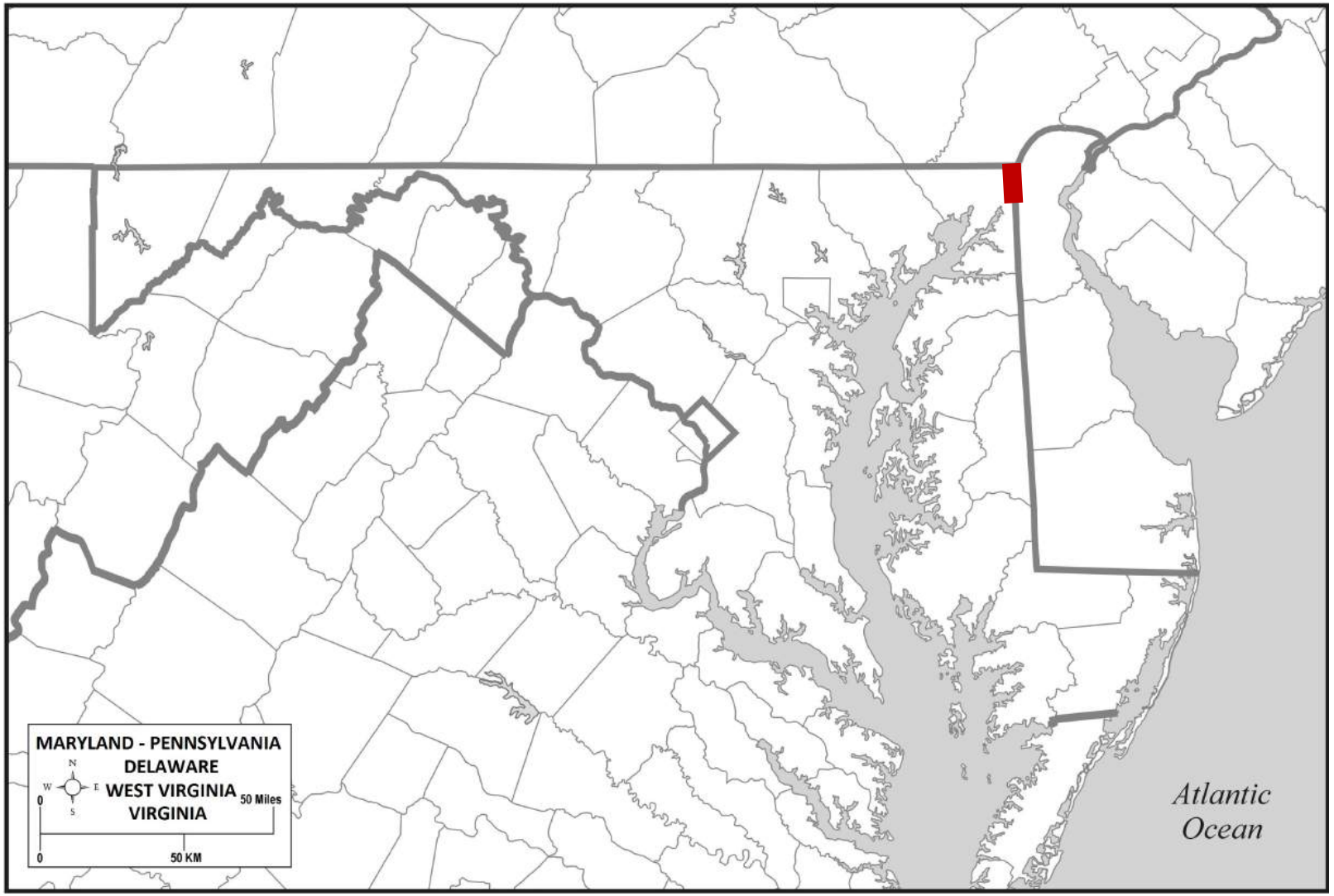


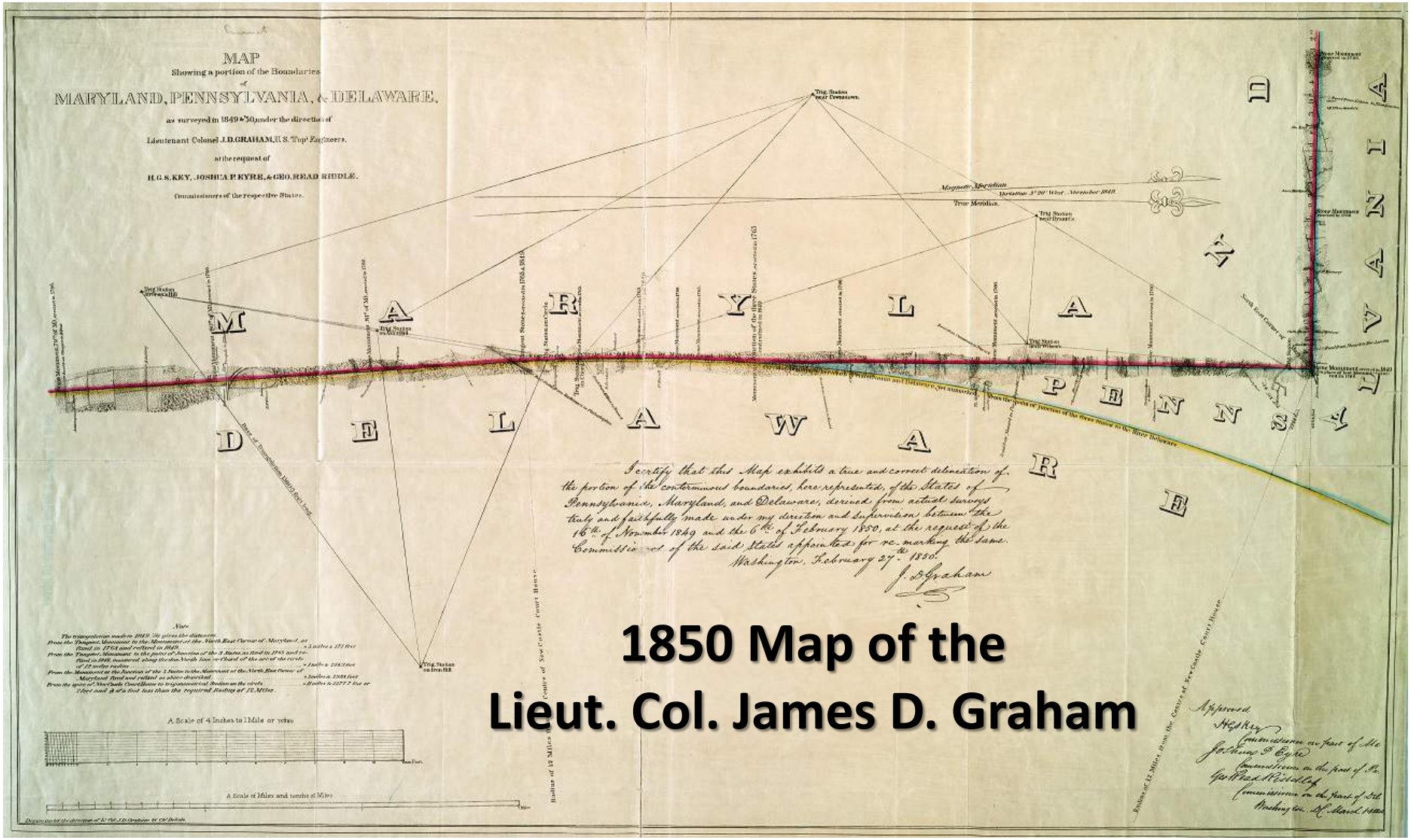
Resurveys and Inspections
1849 to Present

Resurvey

The Lieut. Col. James D. Graham 1849-1850

From the Tangent Point to North Line to Northeast corner of Maryland





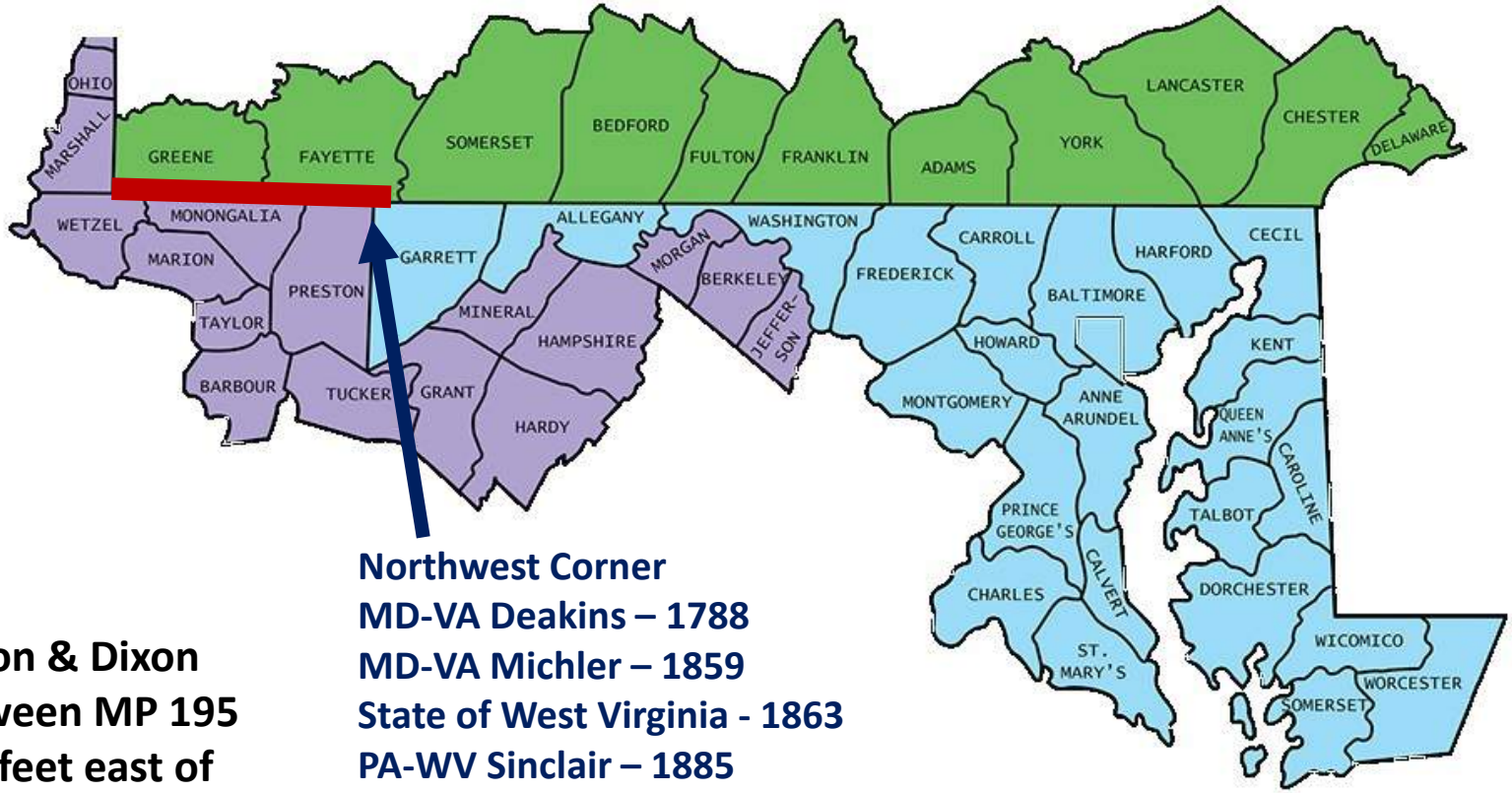
1850 Map of the Lieut. Col. James D. Graham


1850
1892
1850 Boundaries -
"Wedge" becomes part
of Delaware in 1921

Resurvey

The C. H. Sinclair 1885

From the Southwest corner of Pennsylvania to Northwest corner of Maryland



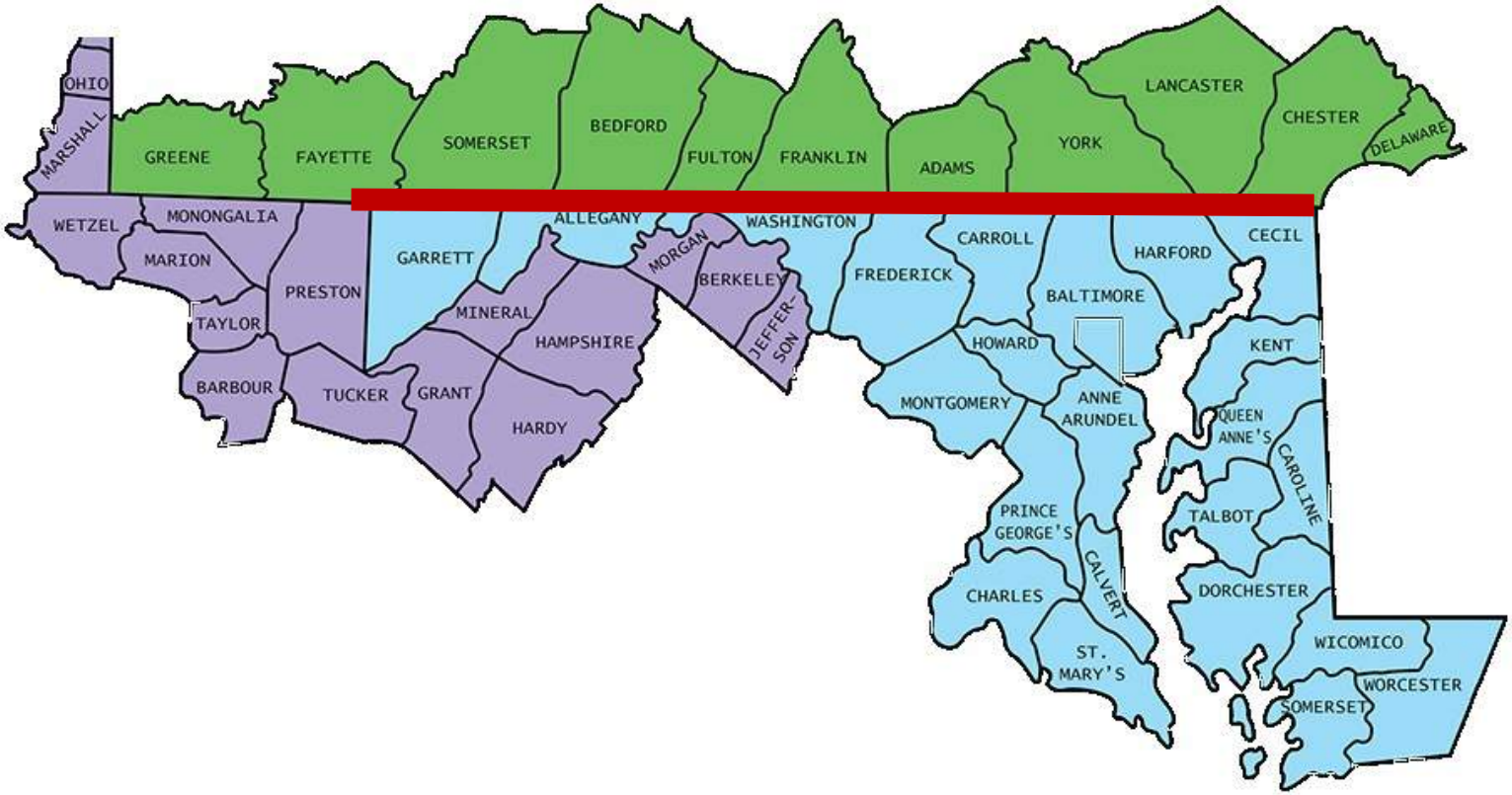
Northwest Corner
MD-VA Deakins – 1788
MD-VA Michler – 1859
State of West Virginia - 1863
PA-WV Sinclair – 1885
MD-WV Brown-Bauer – 1897
Supreme Court (Deakins) 1910

Set Stone 55 2/10 in old Mason & Dixon cairn, on top of high ridge, between MP 195 and MP 196, USGS 222. 1,051 feet east of Supreme Court 1910 three state corner.

Resurvey

Maryland-Pennsylvania Boundary 1900 – 1903

Northern Border of Maryland portion of Mason & Dixon Line



Resurvey of the Maryland-Pennsylvania Boundary 1900 - 1903

- The Commission was appointed by the Legislatures of Maryland and Pennsylvania
- Resurvey was only for that length of Maryland's northern border with Pennsylvania
- Resurvey did not include the Maryland – Delaware border
- Resurvey was not a relocation or correction of the Mason & Dixon Line
- Resurvey was to replace missing stones, repair broken or damaged stones, straighten leaning stones and raise sinking stones
- *Original Mile/Crown stones, left at Fort Frederick by Mason & Dixon, were set*
- *New stones (10" by 10") were set in the "cairns" (stone and earth mounds) left by Mason & Dixon along the western end of the line (west of Sideling Hill)*
- Original stones were encased in a 3' by 3' by 3' base of concrete
- To make a topographic sketch map of the immediate vicinity of the boundary (original field notes with NGS)

Resurvey of the Maryland-Pennsylvania Boundary 1900 - 1903

The operations of this survey may be divided as follows:

1) To identify and when necessary to repair and reset the existing monuments;

2) To fix the positions of monuments which had been lost or destroyed and to replace them by others;

3) To place monuments at desirable places not previously marked;

4) To make a topographic sketch map of the immediate vicinity of the boundary in order to show the relation of the latter to neighboring objects, such as buildings, fences, roads, etc., for purposes of local identification.

Beginning of multi numbering system.

MASON DIXON MILE (WEST)	QUAD NUM	MD county	PA county
0	1	Cecil	Chester
0 M&D Original			
1	2	Cecil	Chester
2	3	Cecil	Chester
3	4	Cecil	Chester
4	5	Cecil	Chester
5	6	Cecil	Chester
6	7	Cecil	Chester
7	8	Cecil	Chester
8	9	Cecil	Chester
9	10	Cecil	Chester
10 (2003)	11	Cecil	Chester
10 M&D Original			
11	12	Cecil	Chester
12	13	Cecil	Chester
13	14	Cecil	Chester
14	15	Cecil	Chester
15	16	Cecil	Chester

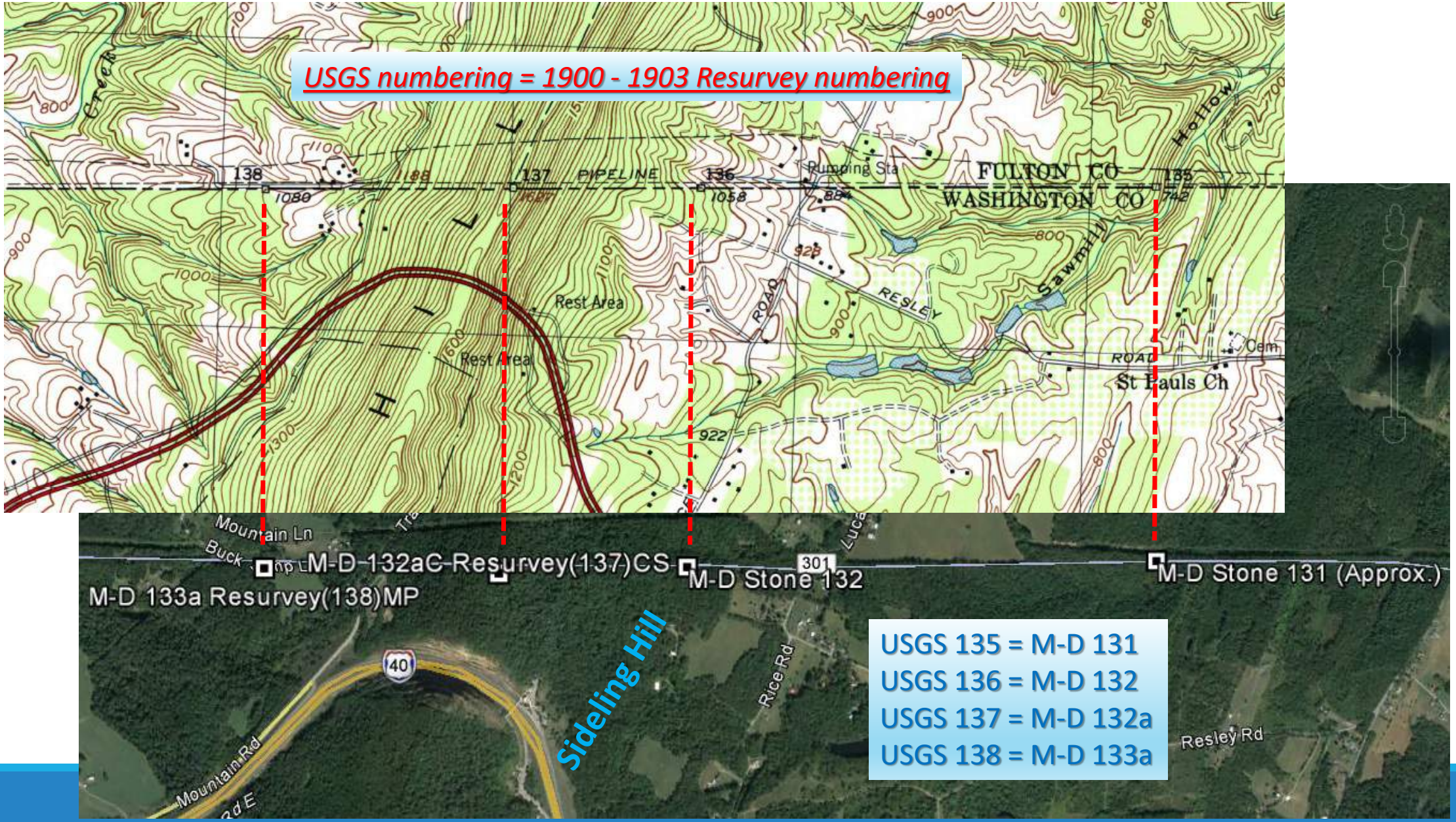
136. Milestone No. 132, M. & D., 1767. Near the eastern base of Sideling Hill and east of the road leading to the summit of the ridge. This monument is badly mutilated. This is the most western of the monuments planted by Mason and Dixon, the rough character of the country westward and the absence of roads having prevented them from taking wagons beyond this point. *From 1900-1903 Resurvey Report*

Yes	Only the top of the		Iron Clamps	Almost Cov.
Yes	Large chip missing		Reset	Par. Buried

MASON DIXON MILE (WEST)	QUAD NUM	MD county	PA county	DE county	Pics	MDLPP	1980 Report	1900-1903 Survey (pgs 83-101)	1950 Report (pgs 94-116)
113	117	Washington	Franklin		No	Weathered		Reset	Excellent
114	118	Washington	Franklin		No	Corners are		Reset	Good
115	119	Washington	Franklin		Yes	Same as 1950		Laborer Loc./New CS	Good
115 M&D Original								Now in Philapelphia	
116	120	Washington	Franklin		Yes	Corners slightly		Reset	Still in Position
117	121	Washington	Franklin		Yes	Same as 1950		Reset	Good
118	122	Washington	Franklin		Yes	Much pitting on the		Reset	Fair
119	123	Washington	Franklin		Yes	Same as 1950		Reset	Fair
120	124	Washington	Franklin		Yes	NOTE: we do have a		Bands/Repair	Damaged
121	125	Washington	Franklin		Yes	same as 1950		Reset	Damaged
122	126	Washington	Franklin		Yes	same as 1950		Reset	Par. Buried
123	127	Washington	Fulton		Yes	same as 1950		Reset	Damaged
124	128	Washington	Fulton		Yes	same as 1950		Reset	Damaged
125	129	Washington	Fulton		Yes	Coats-of-arms are		Reset	Excellent
126	130	Washington	Fulton		Yes	None		Reset	Still in Position
127	131	Washington	Fulton		Yes	M and P legible.		Computed/New MPS	Good
127 M&D Original								No Trace	
128	132	Washington	Fulton		Yes	Badly chipped and		Reset	Poor
129	133	Washington	Fulton		Yes	"M" is legible. "P" is		Reset	Fair
130	134	Washington	Fulton		No	Very low in the		New CS Reset	Good
130 M&D Original								Many Fragments	
131	135	Washington	Fulton		Yes	Very low and will be		Reset	Fair
132 (Last M&D)	136	ton	Fulton		Yes	Severely chipped		Reset	Good
132a_C (OCS)	137	Washington	Fulton		No	Crownstone -	An original	Stone Mound	Still in Position

1900-1903 Resurvey starts with a difference of 1 and is off by 4 at last Mason & Dixon stone 132

(Mason & Dixon number codes)


USGS numbering = 1900 - 1903 Resurvey numbering
138
137
PIPELINE
136
135
Pumping Sta
FULTON CO
WASHINGTON CO
Rest Area
Rest Area
ROAD
RESLEY
Sawmill
ROAD
St Pauls Ch
Cem
922
Mountain Ln
M-D 133a Resurvey(138)MP
M-D 132aC Resurvey(137)CS
M-D Stone 132
M-D Stone 131 (Approx.)
301
40
Sideling Hill
Rice Rd
Mountain Rd
Resley Rd
USGS 135 = M-D 131
USGS 136 = M-D 132
USGS 137 = M-D 132a
USGS 138 = M-D 133a

Resurvey of the Maryland-Pennsylvania Boundary 1900 - 1903

were chipped, often very badly, many were broken, a considerable number had disappeared, others were out of the ground, and nearly all that were still standing were more or less out of plumb. It was therefore thought best to secure all of these old monuments in their places by giving them an enlarged base of concrete. The exact position of the monument being secured by guide stakes on each side, the monument was temporarily removed and a hole three feet square was dug to the same depth. A layer of stones and cement having been placed in the bottom, the monument was put in its proper position and its verticality was tested by a level. The space around it was then filled with a mixture of broken stone, sand, and cement, well rammed down and finished at the top with a coating of nearly pure cement. Each of these monuments, therefore, has a base beneath the surface equivalent to about a cubic yard of solid masonry, instead of the insecure hold afforded by a few inches of its own length in the soft ground. In cases where a monument had been broken across, but was otherwise in good condition, it was mended by iron clamps and bands, the latter being shrunken on to insure a firm hold and being

Resurvey of the Maryland-Pennsylvania Boundary 1900 - 1903



Before Resurvey



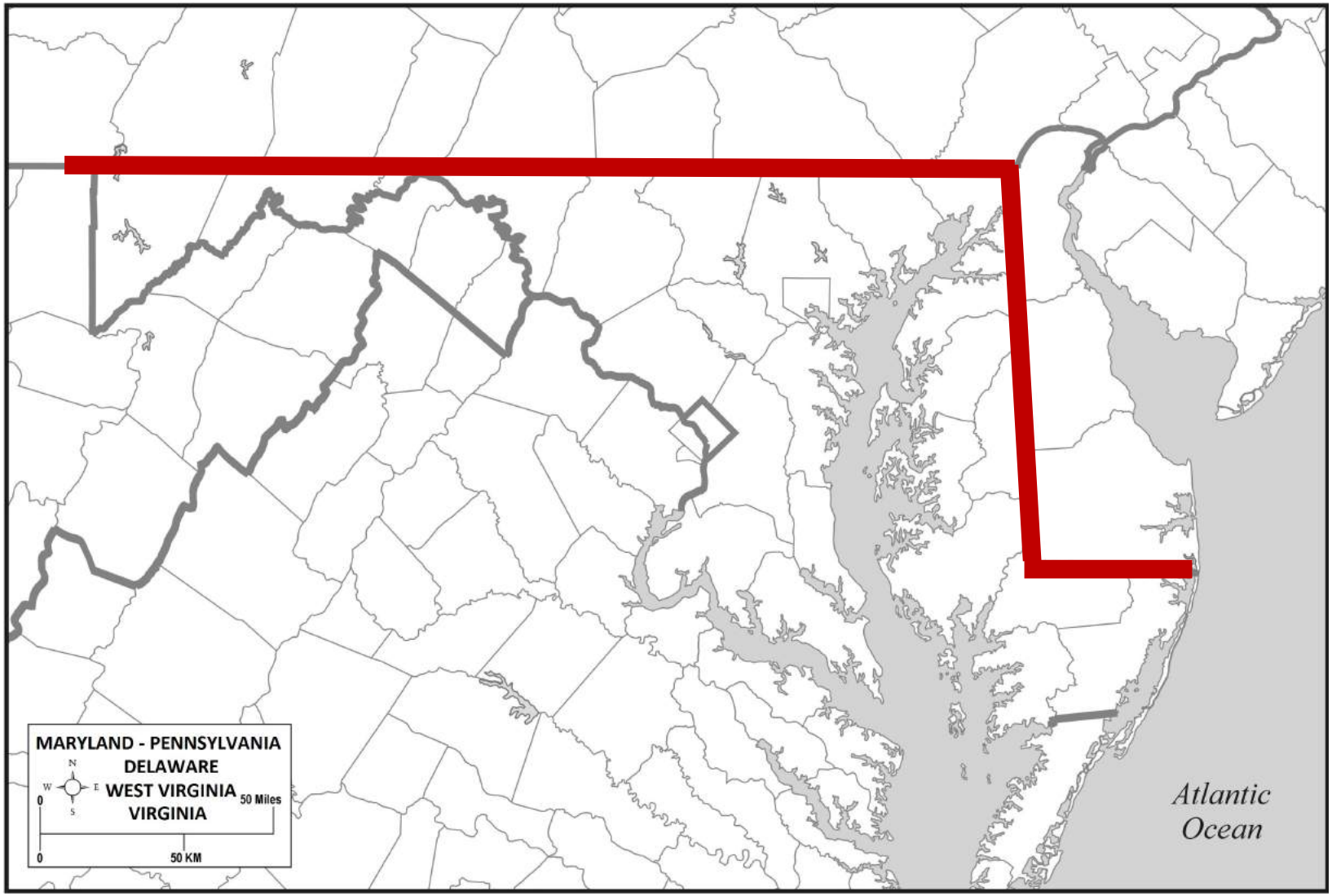
After Resurvey ***(Stone 90)***

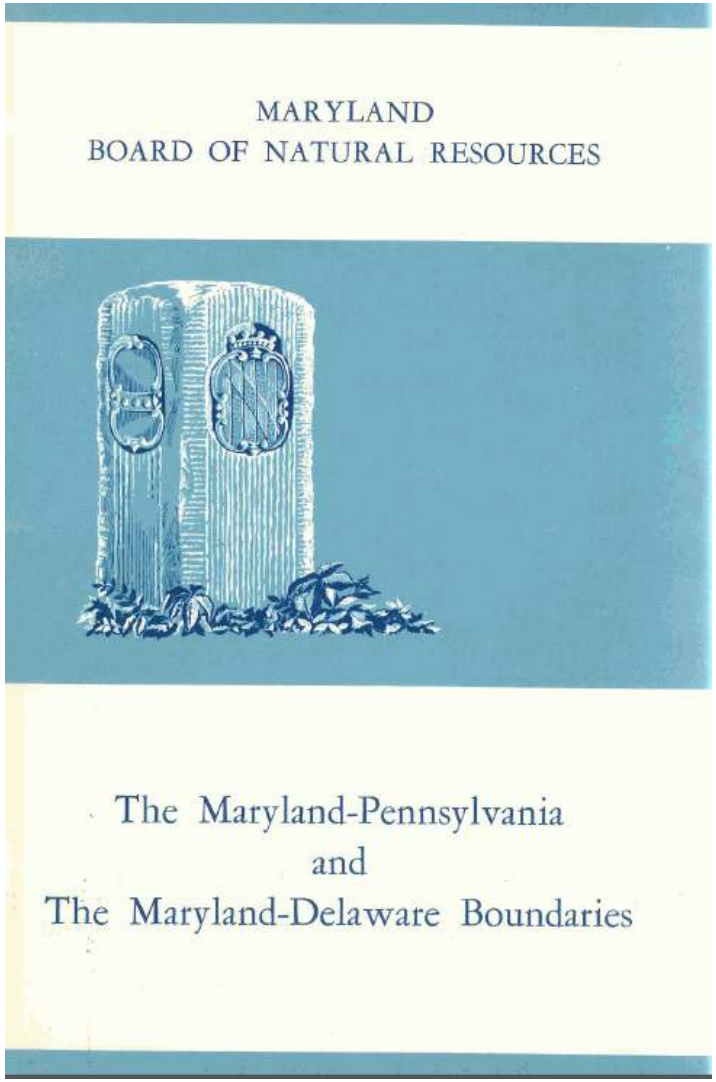
(Between Blue Ridge Summit, PA and Highfield-Cascade, MD)

Inspection

1950-1959 Report by William H. Bayliff field work by Dr. A. L. Trussell

First Edition Published
January 1951
Second Edition
Published May 1959





Boundary Monuments on the Maryland-Pennsylvania and Maryland-Delaware Boundaries

(120 pages)

First Edition Published January 1951
Second Edition Published May 1959

Crown Stone 80 (USGS 83) status at time of 1950 Inspection

APPENDIX C—(continued)

Present Order	*Mason & Dixon Milestone No.*	*Notes on Restoration by the 1900-03 Resurvey*	*Present Condition*	*1950 Photo No.*
76	75*	78.* Original monument in bad condition and replaced by crownstone brought from Washington County.	78. According to records of the 1900-03 Resurvey the crownstone originally set at this point was replaced by another crownstone found near Clearspring. Present monument not a crownstone, but a marble stone identical with new monuments set in 1902. Present stone is not set in concrete. See footnote e, table 3.	75
77	76	79. Original monument in place.	79. Original monument in fair condition; solid foundation. Partly buried by soil.	76
78	77	80. Original monument in place.	80. Original monument in good condition; solid foundation.	77
79	78	81. Original monument found on ground and original position lost. Location redetermined and stone reset.	81. Original monument in good condition; solid foundation. Lettering clear.	78
80	79	82. Original monument badly damaged and location lost. Position relocated and new stone set, from Washington County.	82. Replacement monument in fair condition; solid foundation. Lettering badly weathered.	79
81	80*	83.* Original crownstone found out of ground but original location plainly visible. Stone reset.	83.* Original crownstone badly chipped on top; coats of arms indistinct.	80
82	81	84. Original monument found on ground. Mended and location redetermined.	84. Original monument in solid foundation; repaired by iron ring around it.	81
83	82	85. Original stone found out of ground.	85. Original monument partially buried and chipped on corners.	82
84	83	86. Original monument in place.	86. Original monument upright in solid foundation chipped on all corners. Letter "P" in bad condition.	83





1950

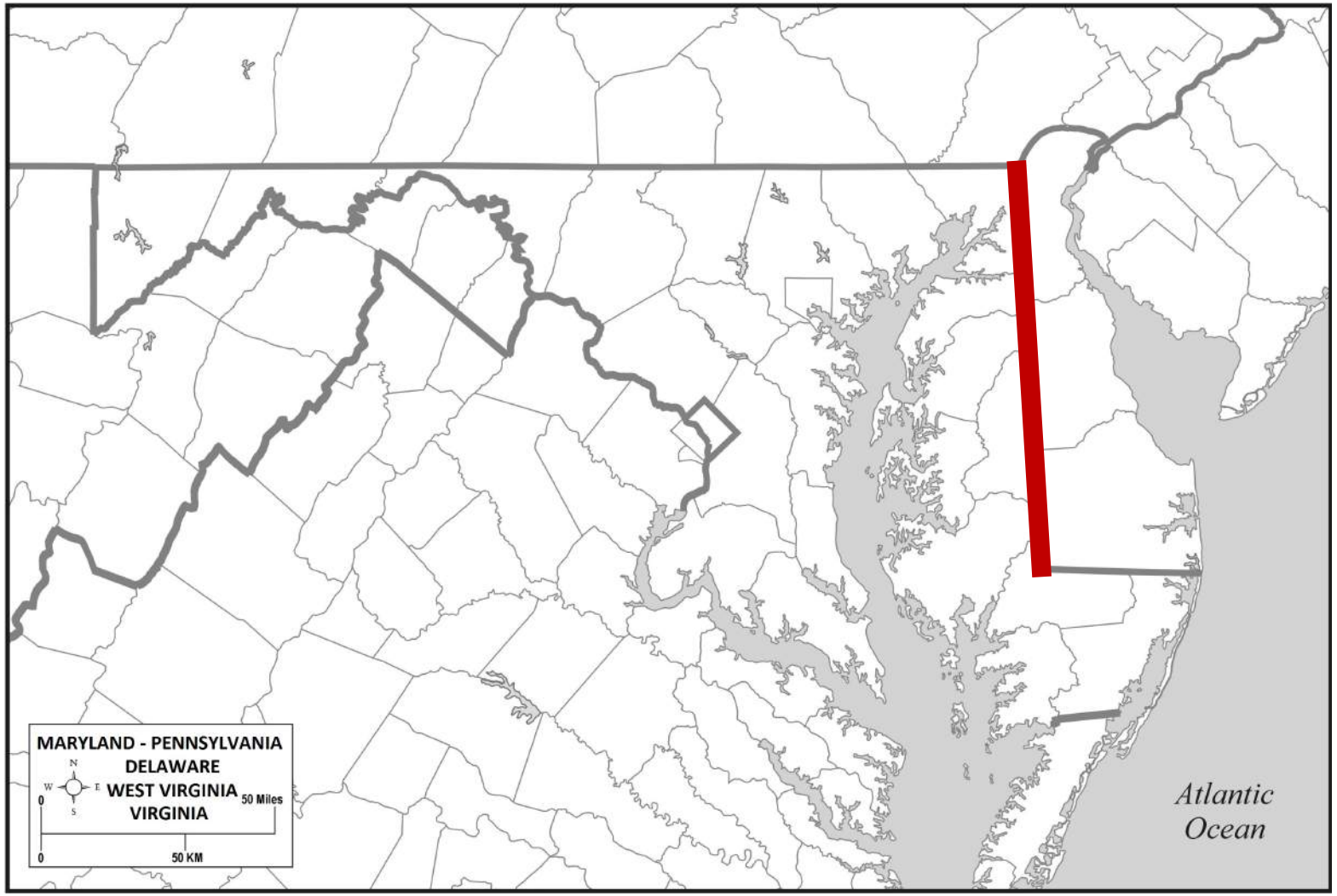


1980



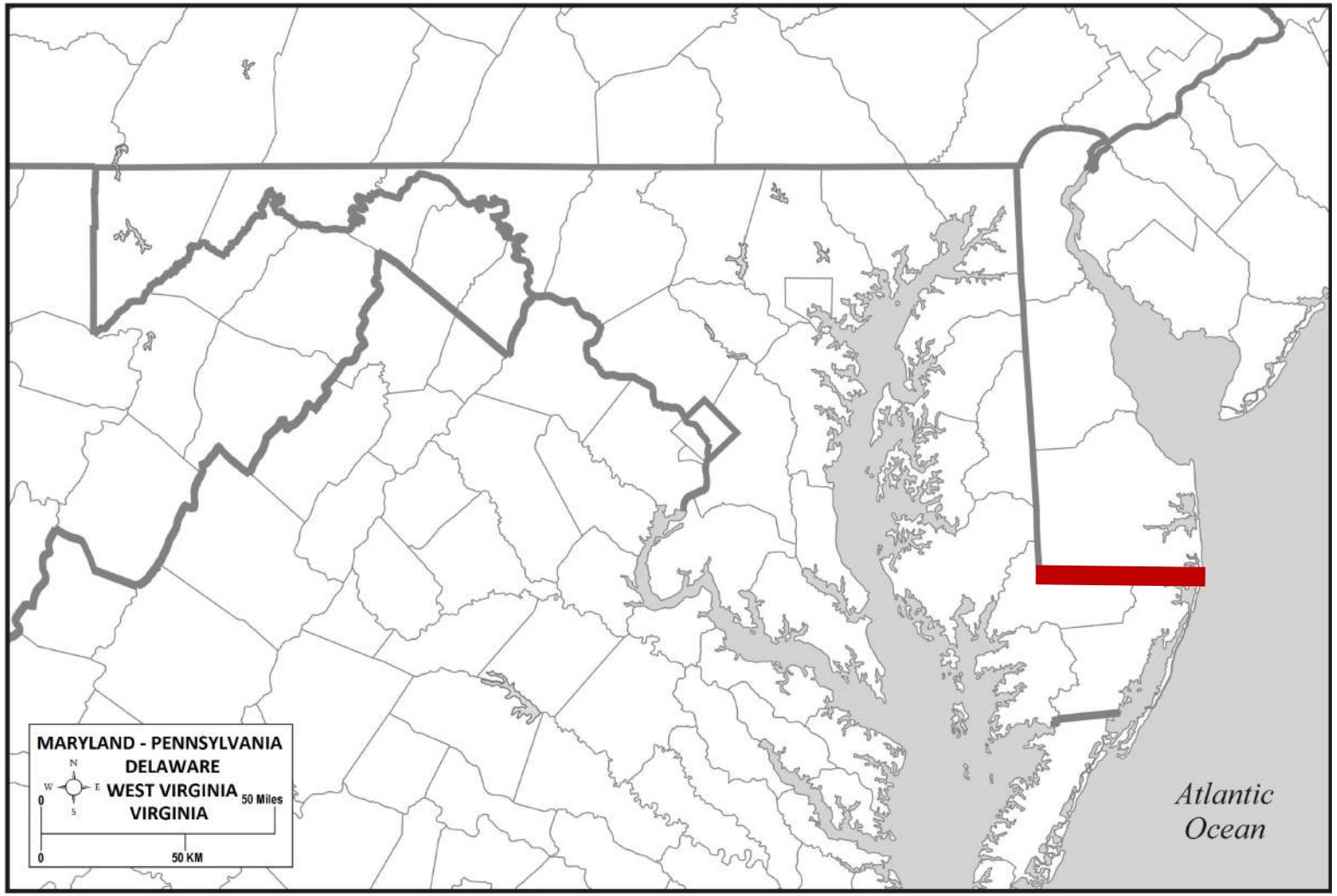
Circa 1991?

Crown Stone 80



Resurvey

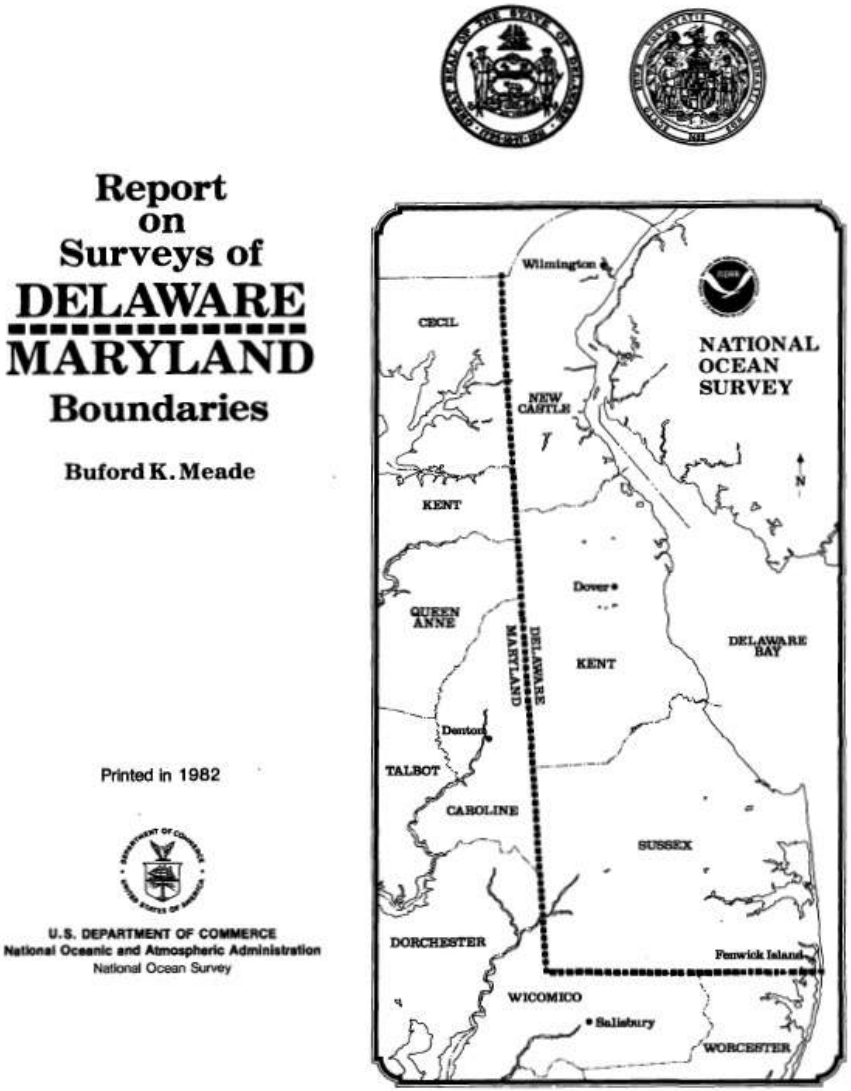
1961-1962
U.S. Coast and Geodetic Survey



Resurvey

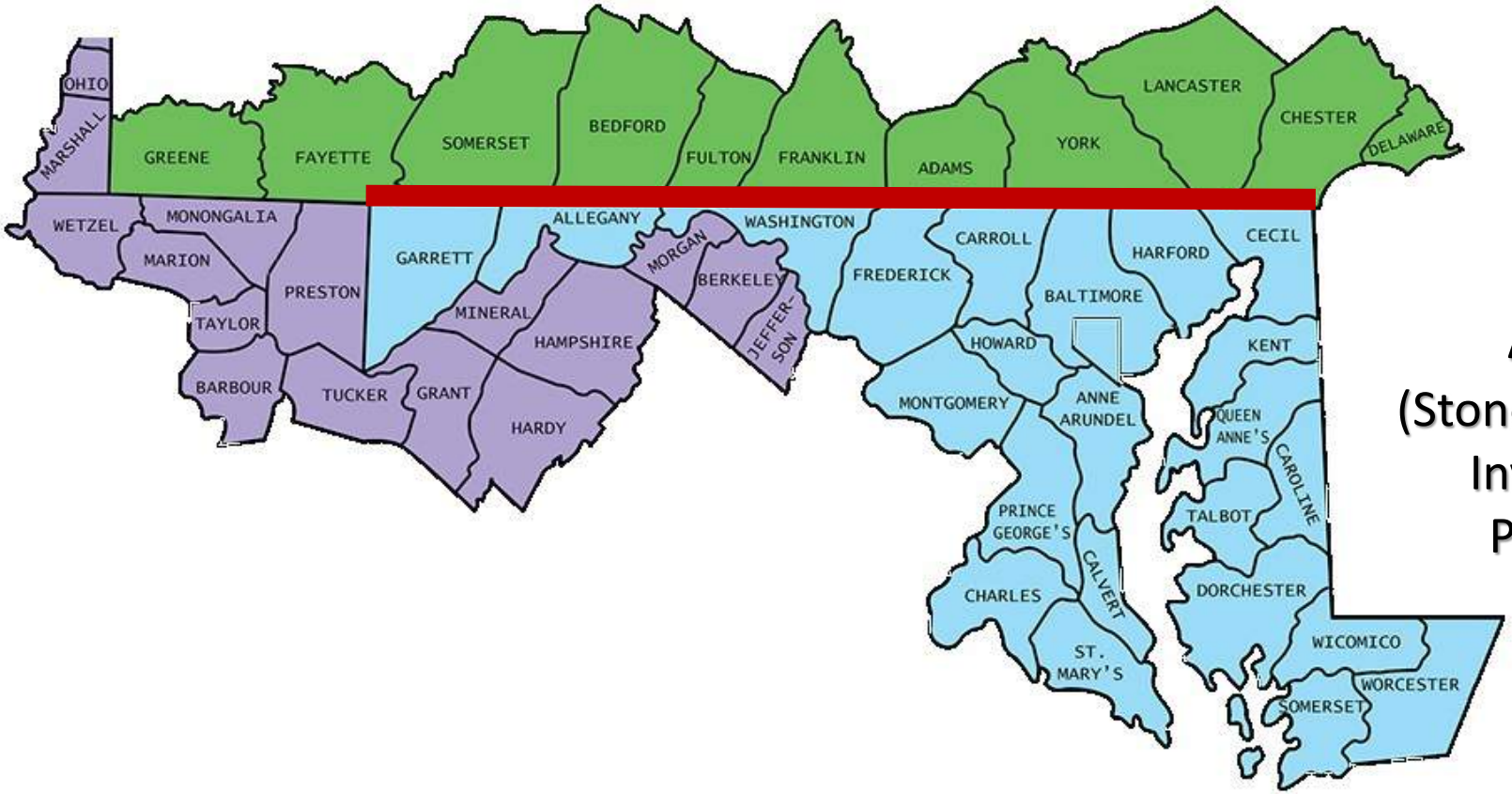
1974 National Geodetic Survey

During the original 1751 Survey stones were set every 5 miles. In 1976 and 1981 the NGS set additional stones at 1-mile intervals



1980
Buford K. Meade Report
of
1961-1962 and 1974
Resurveys

(314 pages)



Inspection

1980

Alice Martin

(Stones added to Maryland Inventory of Historic Properties - MIHP)

Alice Martin 1980 Report
Mile Stone 71

Survey No. CARR-307

Magi No.

DOE __yes __no

Maryland Historical Trust
State Historic Sites Inventory Form

1. Name (indicate preferred name) *

historic BOUNDARY MARKERS ALONG THE MASON-DIXON LINE (THEMATIC GROUP)
(Mason and Dixon's) West Line, 71st Mile Stone

and/or common Mason-Dixon Line: Milestone No. 71 (1900-03 Resurvey Monument No. 74)

2. Location

street & number off north side of Buggles Road X not for publication

city, town Kingsdale X vicinity of congressional district MD: 6 / PA: 19

state Pennsylvania county MD: Carroll / PA: Adams

3. Classification

Category	Ownership	Status N/A	Present Use	
___ district	X public	___ occupied	___ agriculture	___ museum
___ building(s)	___ private	___ unoccupied	___ commercial	___ park
___ structure	___ both	___ work in progress	___ educational	___ private residence
___ site	Public Acquisition	Accessible	___ entertainment	___ religious
X object	___ in process	X yes: restricted	___ government	___ scientific
	___ being considered	___ yes: unrestricted	___ industrial	___ transportation
	X not applicable	___ no	___ military	X other: Boundary Marker

4. Owner of Property (give names and mailing addresses of all owners)

(monument only; see Thematic Group National Register nomination form)
name State of Maryland / Commonwealth of Pennsylvania

street & number telephone no.:

city, town state and zip code

5. Location of Legal Description

N/A (see surrounding property ownership list)
courthouse, registry of deeds, etc. liber

street & number folio

city, town state

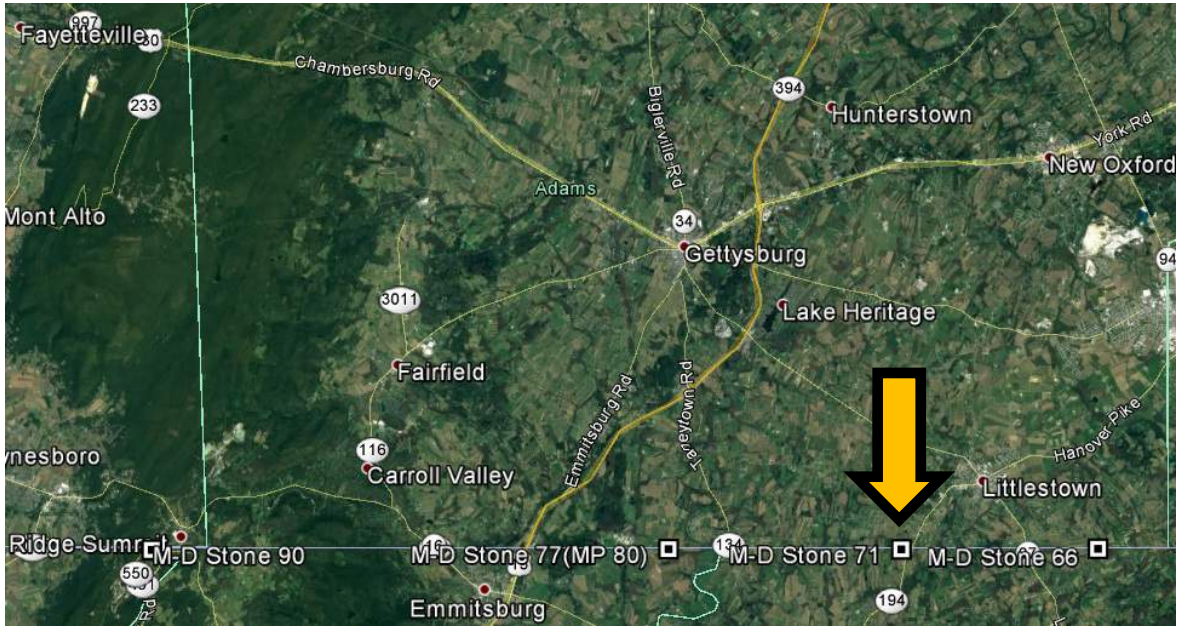
6. Representation in Existing Historical Surveys

(also see Thematic Group National Register nomination form)
title Carroll County Historic Sites Inventory

date CARR-307 entered 1/80 ___ federal X state ___ county ___ local

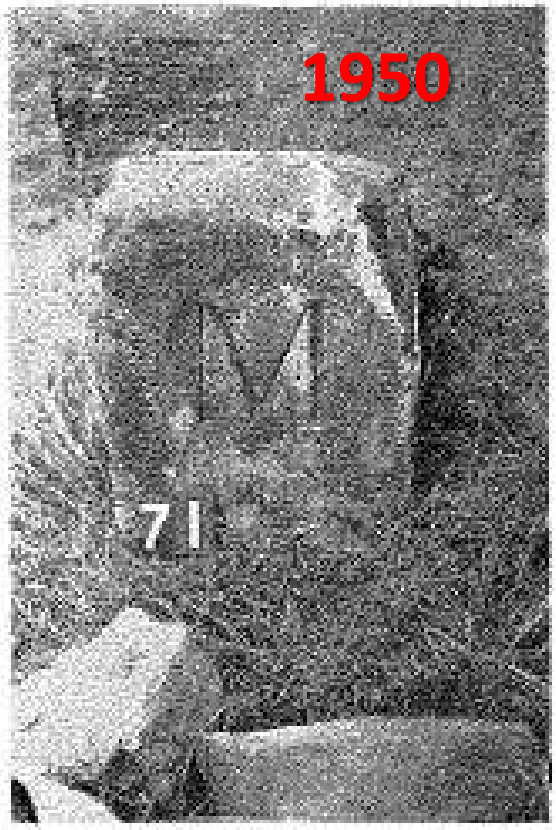
depository for survey records Maryland Historical Trust

city, town Annapolis state Maryland







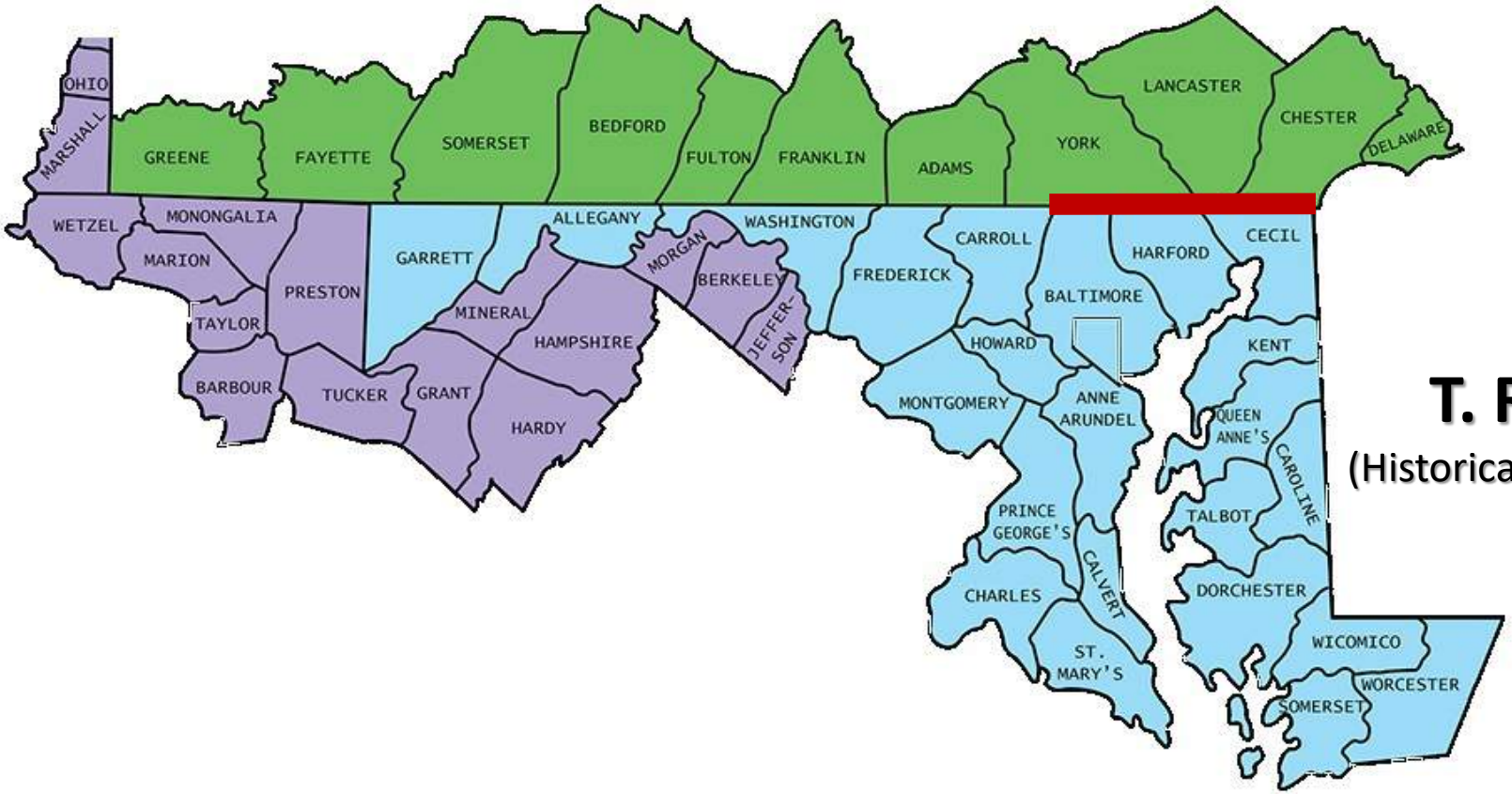




1991 - 2003



Mile Stone 71



Inspection

1988-1989

T. Robert Bechtol

(Historical Society of Harford County)

HISTORICAL SOCIETY OF HARFORD COUNTY
[illegible] COURTLAND WEST
BEL AIR, MD 21014
(301) 838-7691

M&D Milestone NO.* 46(49)

Counties (MD/PA) Baltimore/york

A COMPARATIVE ASSESSMENT OF THE STATUS AND CONDITION
OF THE MONUMENTS ON THE MASON AND DIXON LINE.

MONUMENT LOCATION: DATE OF OBSERVATION: 18 FEB 88

In an open field 200 feet west of I-83 and 300 feet east of Rt. 45. Top of stone, including USC&GS marker, is missing.

DESCRIPTION/MEASUREMENTS:

Three to four inches of the stone remain visible above ground with the corners and edges rounded. The top 12" to 14" of the stone is missing. There had been a USC&GS survey marker in the top of this stone.

STATUS: PROTECTED ENDANGERED MISSING UNEXPOSED NOT FOUND

COMPARATIVE CONDITION: EXCELLENT GOOD FAIR DETERIORATED RUINS UNEXPOSED

1900-1903 Resurvey:	Original monument in place.
1959 report by W.H.Bayliff:	Original monument in good condition; solid foundation.
1980 report by Alice Martin:	Original (1766). Only stub above ground and base below ground remain; top and USC&GS mark missing about 12 years; endangered by farm machinery (as are Ref. marks No. 2 and 3).
Current status and condition:	The stub of the stone sticking out of the ground appears to be in the same condition as observed by Alice Martin as reported above. The field continues to be cultivated and the potential for additional damage from machinery is still there. The foundation appears to be solid and the stone well set. The top of the foundation is just visible at ground level.
NOTES:	It's interesting that fluting is visible on the sides that remain. No effort was made to locate the reference stones mentioned by A. Martin.

PHOTO Nos.: 46(49) A,B,C.

MAPS: MGS topographic map of Baltimore County, 1985.
USGS 7.5 minute topographic quadrangle, New Freedom quadrangle.

OBSERVED AND RECORDED BY: T. Robert Bechtol
609 Southgate Road
Aberdeen, MD 21001
(301) 272-1908

* The monuments are numbered here according to the Mason and Dixon milepost numbers. The number in parentheses corresponds to the 1900 Resurvey of the Maryland-Pennsylvania boundary. The numbers for the West Line start at "0" at the northeast corner of Maryland and increase westward.



T. Robert Bechtol
1988 Report
(Baltimore County)
Mile Stone 46



Crown Stone 20

November 21, 2017



Looking North



Looking West at Penn Crest



Looking East at Calvert Crest

MONUMENT LOCATION: DATE OF OBSERVATION: 21 JAN 88

From Rt. 222 at Rock Springs, West on Old Mill Rd. 0.45 mi to lane on right. Up lane to house and ask access and directions to stone. About 700' NNW of house and 200' West of corner of pasture. Very dense brambles.

DESCRIPTION/MEASUREMENTS:

12" square "crownstone" approx. 29" out of ground. Penn C/A shows heavy wear and lateral chips. Vertical fluting good. Calvert C/A heavy wear; chips top and two sides, vertical fluting good. Penna. side top shows large chip. Heavily chipped all corners and edges. STONE IS LOOSE.

STATUS: PROTECTED ENDANGERED MISSING UNEXPOSED NOT FOUND

COMPARATIVE CONDITION: EXCELLENT GOOD FAIR DETERIORATED RUINS UNEXPOSED

1900-1903 Resurvey: Milestone No. 20, M. & D., 1766, "crownstone," in fence line in scattering woods north of road leading from Rock Springs, Md., to Pleasant Grove, Pa.

1959 report by W.H.Bayliff:

1980 report by Alice Martin: Original crownstone in place in good condition. Coats of arms clear. All corners slightly chipped; south side of top chipped slightly.

Current status and condition: 20(21) Original M&D crownstone of 1766 in place, in good condition, firmly set; coats of arms clear and intact; most fluting remains despite considerable chipping all edges and corners; large pit in apex of top. Proetete by site.

NOTES: This stone is loose in the ground, is tilted to the East, and has been rotated about a vertical axis about 90 degrees. Calvert C/A faces west. Top also shows a large pit in the center. Much wear and abuse have occured during the past ten years. The monument is endangered since it is loose in the ground. This original crownstone has been badly vandalized and it appears some effort has been made to remove it from the site. The condition of the foundation is deteriorated.

Crown Stone 20

T. Robert Bechtol
1988-89 Report

Inspection

1991-1999 Locations



Post Marked West to Brown's Hill

Almost every Mile Stone located from Stone 0 (NE corner MD) to Stone 141

Most inspected and very few located from Stone 141 to Brown's Hill

Mason & Dixon Line Preservation Partnership

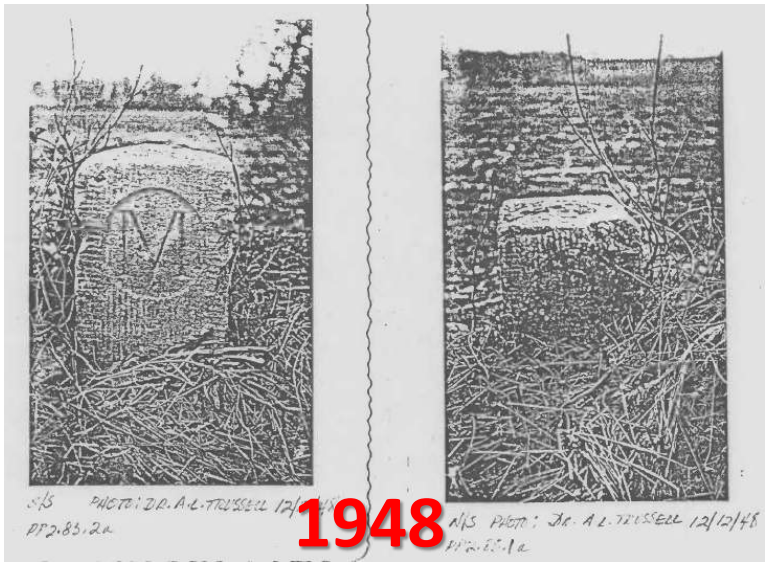
MASON & DIXON LINE PRESERVATION PARTNERSHIP

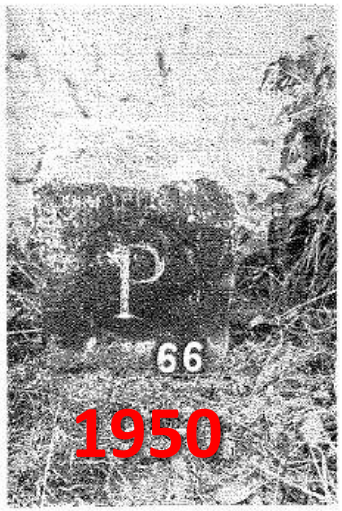
Mile Stone 66 (1991 to 96+)

Stone was reported loose in 1991 visit and was found laying on side during a June 1996 visit. Location of base could not be found during 1996 visit. A nail was set and located by GPS. Base found during 10/12/1996 GPS session. Top reset loose on base.

N 39° 43’ 11.99950” W 77° 01’ 56.84628”

NAD 83 positions, but no metadata





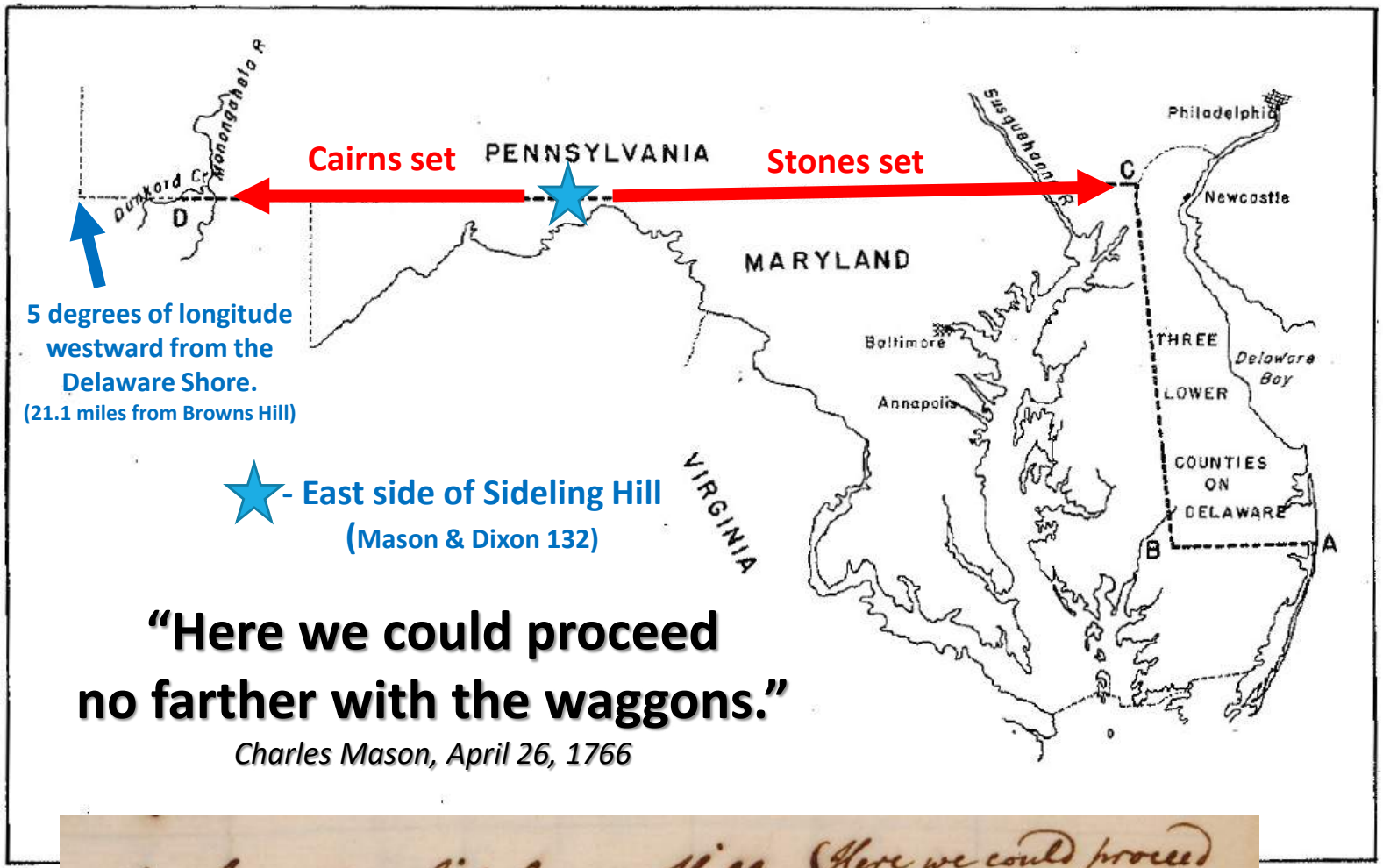


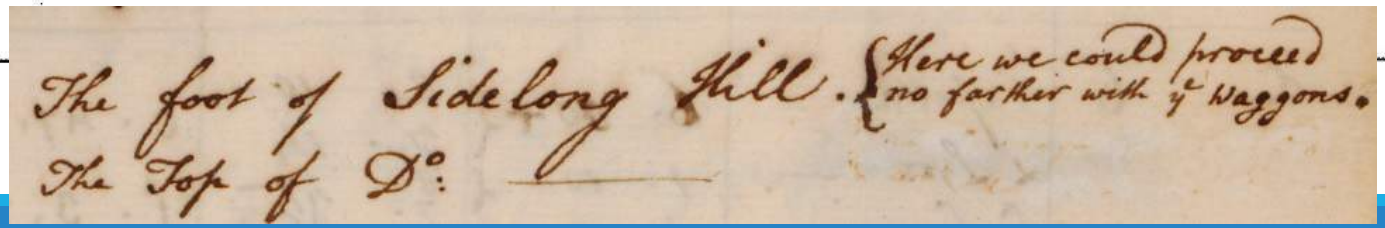




Mason & Dixon Line Survey



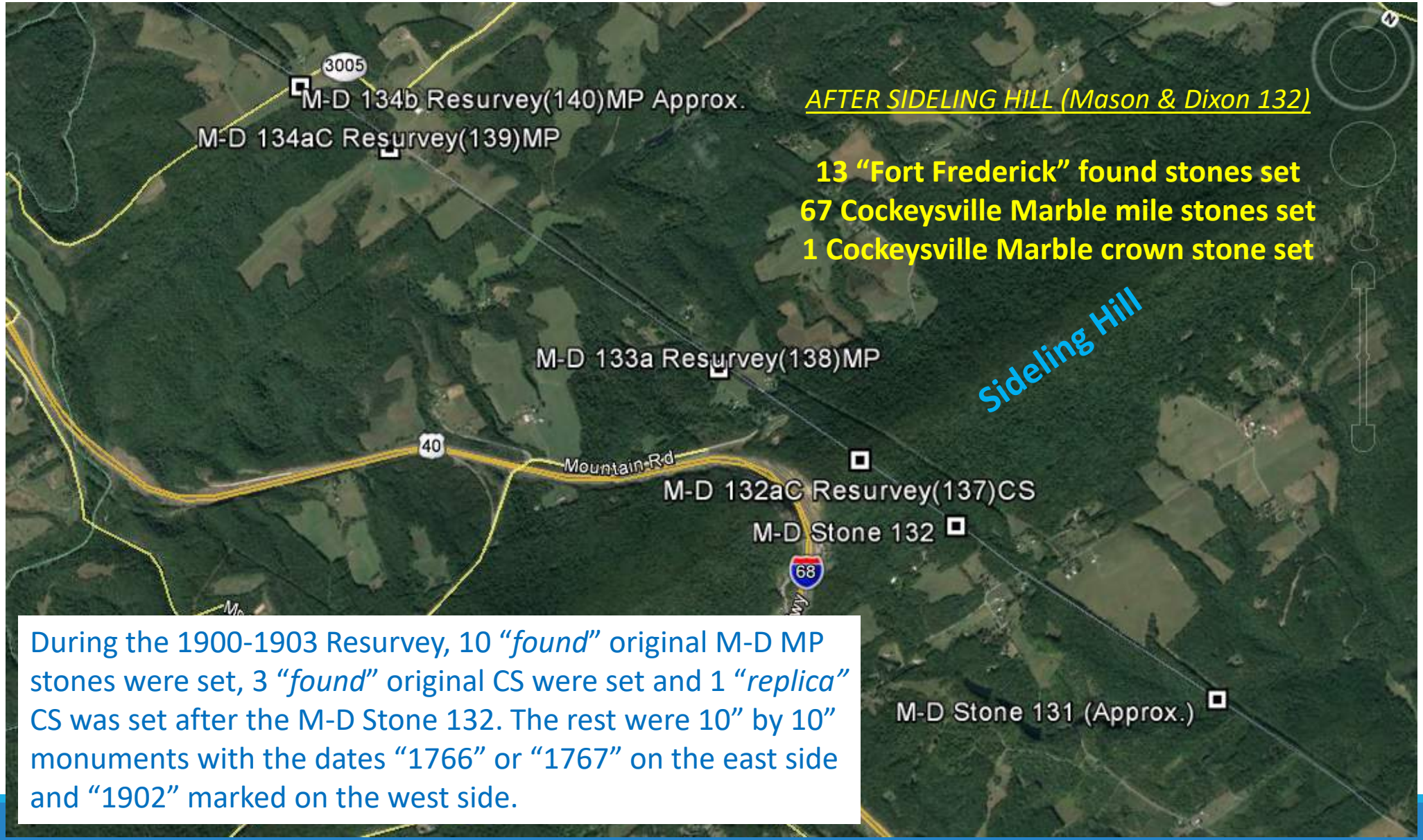








Dated 1766 -1767 for cairn and dated 1902 for "Resurvey" stone



During the 1900-1903 Resurvey, 10 "*found*" original M-D MP stones were set, 3 "*found*" original CS were set and 1 "*replica*" CS was set after the M-D Stone 132. The rest were 10" by 10" monuments with the dates "1766" or "1767" on the east side and "1902" marked on the west side.

STONE NAMING CONVENTIONS for kmz and excel files

Stone 0 (Northeast corner of Maryland) to Stone 132 (East side of Sideling Hill)

M-D Stone 13

Mason & Dixon Survey Stone number 13

M-D Stone 37 *(Approx.)*

Stone was found on line, but no survey-grade coordinates obtained. Position is *Approximate*

M-D Stone 50 (*Replacement* from MD)

Original crown stone 50 given to the Maryland Historical Society for a *replacement* stone set here

M-D Stone 56 *(Missing)*

Stone is *missing* (not found) from the line and approximate position in kmz file

M-D Stone 75 *(2002)*

This is a replacement stone set in *2002*

M-D Stone 127 *(NGS)*

Coordinates from the National Geodetic Survey (*NGS*) disk in the stone

After Stone 132 (last stone set by Mason and Dixon) the 1900-1903 Resurvey numbers are included

M-D Stone *133a Resurvey (138)MP*

The *a* indicates the 1st stone ("b" would be 2nd, "c" would be 3rd etc.) set during the resurvey after the Mason & Dixon mile *133*

The 1900-1903 *Resurvey* designated this stone as number *138*

An original Mile Post (*MP*) from "Fort Frederick," near Clear Spring, Maryland was set

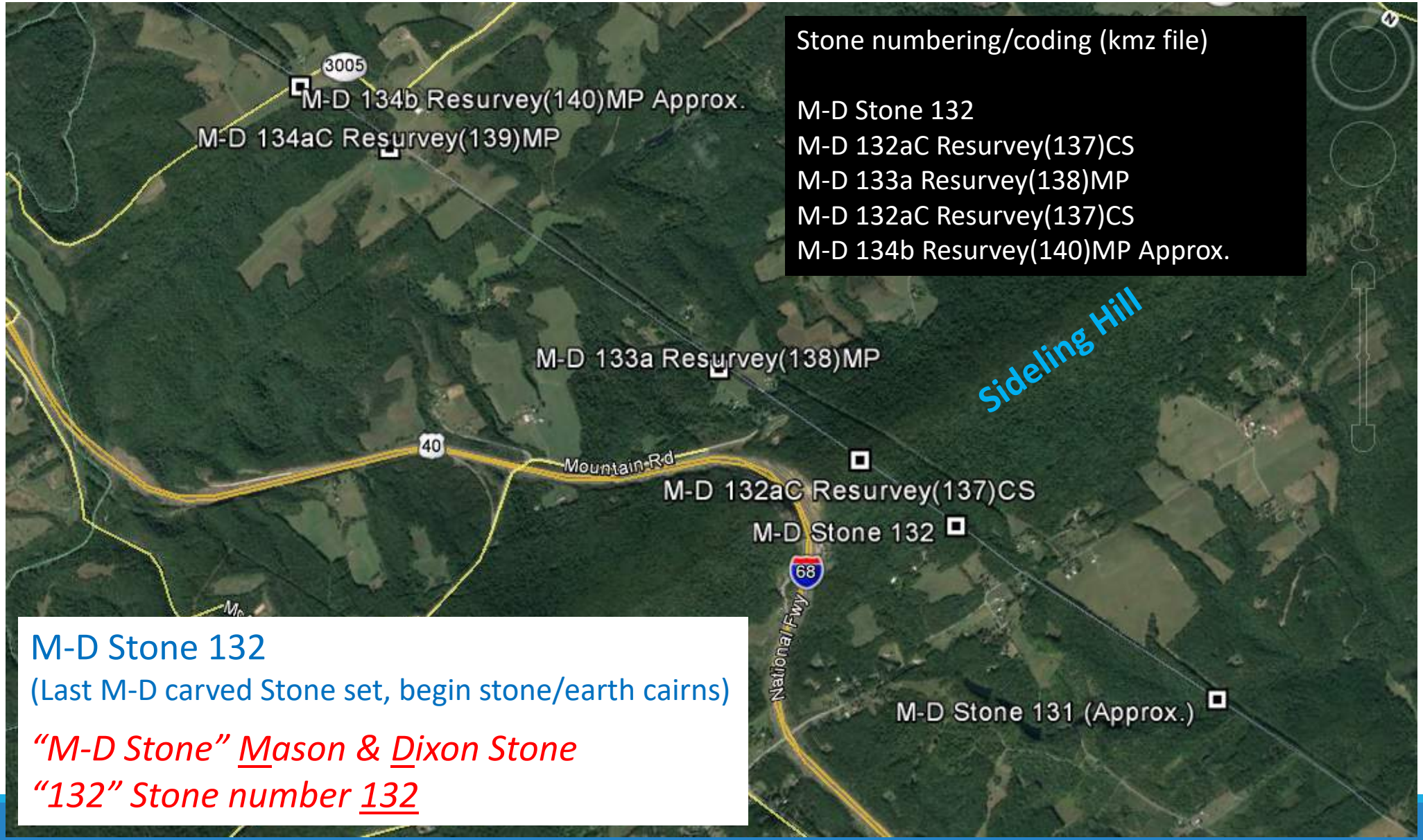
M-D Stone 136a Resurvey(142)*CS*

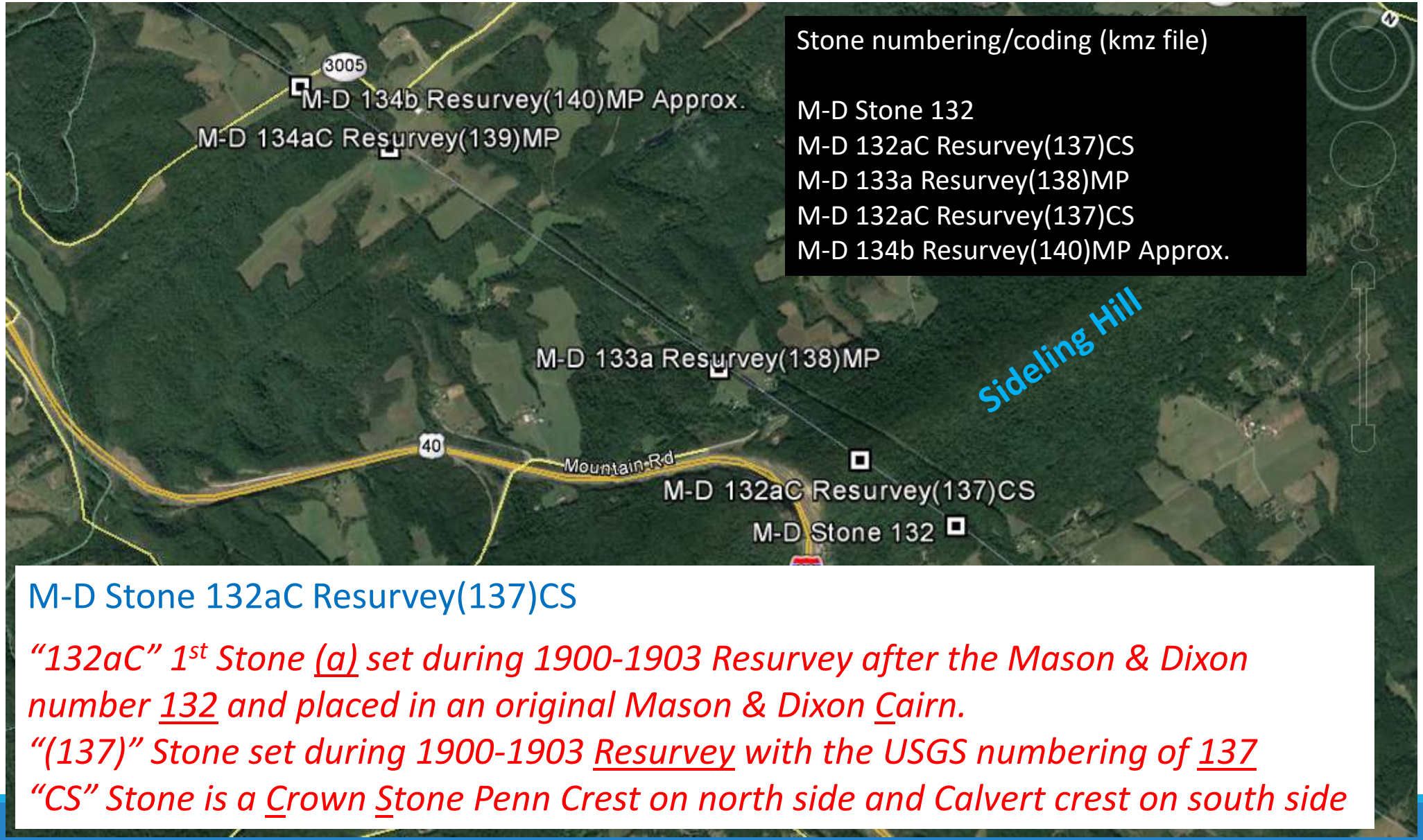
An original Crown Stone (*CS*) from "Fort Frederick," near Clear Spring, Maryland was set

	A	B	C	D	E	F	G	H	I	J	K	L
1	MASON DIXON MILE (WEST)	QUAD NUM	LATITUDE (DMS)	LONGITUDE (DMS)	MD county	PA county	DE county	Pics	MDLPP	1980 Report	1900-1903 Survey (pgs 83-101)	1950 Report (pgs 94-116)
152	126	130	N 39 43 20.90827	W 78 09 41.34477	Washington	Fulton		Yes	None		Reset	Still in Position
153	127	131	N 39 43 20.87191 (NGS)	W 78 10 53.52383 (NGS)	Washington	Fulton		Yes	M and P legible.		Computed/New MPS	Good
154	127 M&D Original										No Trace	
155	128	132	Not Located	Not Located	Washington	Fulton		Yes	Badly chipped and		Reset	Poor
156	129	133	N 39 43 20.9241	W 78 13 04.40141	Washington	Fulton		Yes	"M" is legible. "P" is		Reset	Fair
157	130	134	N 39 43 21.0105	W 78 14 12.6595	Washington	Fulton		No	Very low in the		New CS Reset	Good
158	130 M&D Original										Many Fragments	
159	131	135	Not Located	Not Located	Washington	Fulton		Yes	Very low and will be		Reset	Fair
160	132 (Last M&D)	136	N 39 43 21.29854	W 78 16 28.05916	Washington	Fulton		Yes	Severely chipped		Reset	Good
161	132a_C (OCS)	137	N 39 43 21.11722	W 78 16 53.50848	Washington	Fulton		No	Crownstone -	An original	Stone Mound	Still in Position
162	133a (OMP)	138	N 39 43 21.11100	W 78 17 28.58363	Washington	Fulton		No	"P" is in good	An original	Open Field	Good
163	134a_C (OMP)	139	N 39 43 21.11763	W 78 18 53.13612	Washington	Fulton		No	Stone is weathering,	An original	Earth Mound	Still in Position
164	134b (OMP)	140	Missing	Missing	Washington	Fulton		Yes	Set in Christ Church	An original	High Ridge	Damaged
165	135a (OMP)	141	Did not search	Did not search	Washington	Fulton		No		An original	in Valley	Fair
166	136a (OMP)	142	N 39 43 21.21524	W 78 21 12.97794	Allegany	Fulton		No	Stone is located on	An original	Side of Road	Still in Position
167	137a (OMP)	143	Not Located	Not Located	Allegany	Fulton		Yes	P & M in good	An original	Side of Road	Good
168	137b_C (OCS)	144	N 39 43 21.27246	W 78 22 52.45392	Allegany	Fulton/Bedford		No	Large chunk out of	An original	Earth Mound	Still in Position
169	138a (OMP)	145	Not Located	Not Located	Allegany	Bedford		No	"P" is barely visible	An original	Open Ground	Fair
170	139a (OMP)	146	Not Located	Not Located	Allegany	Bedford		Yes	"M" is legible, circle	An original	on Piney Ridge	Good
171	139b (OMP)	147	Not Located	Not Located	Allegany	Bedford		Yes	"M" and circle in	An original	on Green Ridge	Good
172	140_C (OMP)	148	Not Located	Not Located	Allegany	Bedford		Yes	"M" is legible with a	An original	Earth Mound	Good
173	140a	149	Not Located	Not Located	Allegany	Bedford		Yes	Replacement stone	A new	Ridge Summit (1902)	Excellent
174	141a	150	Not Located	Not Located	Allegany	Bedford		Yes	Small chips on all	A new	Ridge Summit (1902)	Good
175	142a	151	Not Located	Not Located	Allegany	Bedford		Yes	Stone is in excellent	A new	on Ridge (1902)	Excellent
176	143a_C (OCS)	152	N 39 43 21.72577 (NGS)	W 78 29 36.92870 (NGS)	Allegany	Bedford		No	Slightly chipped but	An original	Stone Mound	Still in Position
177	144a	153	Not Located	Not Located	Allegany	Bedford		No	Southeast and west	A new	Polish Mountain (1902)	Par. Buried

Inventory

"(OCS)" Original Crown Stone
"(OMP)" Original Mile Post
"(Rep CS)" Replica Crown Stone


Stone numbering/coding (kmz file)
M-D Stone 132
M-D 132aC Resurvey(137)CS
M-D 133a Resurvey(138)MP
M-D 132aC Resurvey(137)CS
M-D 134b Resurvey(140)MP Approx.
3005
M-D 134b Resurvey(140)MP Approx.
M-D 134aC Resurvey(139)MP
M-D 133a Resurvey(138)MP
Sideling Hill
40
Mountain Rd
M-D 132aC Resurvey(137)CS
M-D Stone 132
68
National Fwy
M-D Stone 131 (Approx.)
M-D Stone 132
(Last M-D carved Stone set, begin stone/earth cairns)
"M-D Stone" Mason & Dixon Stone
"132" Stone number 132

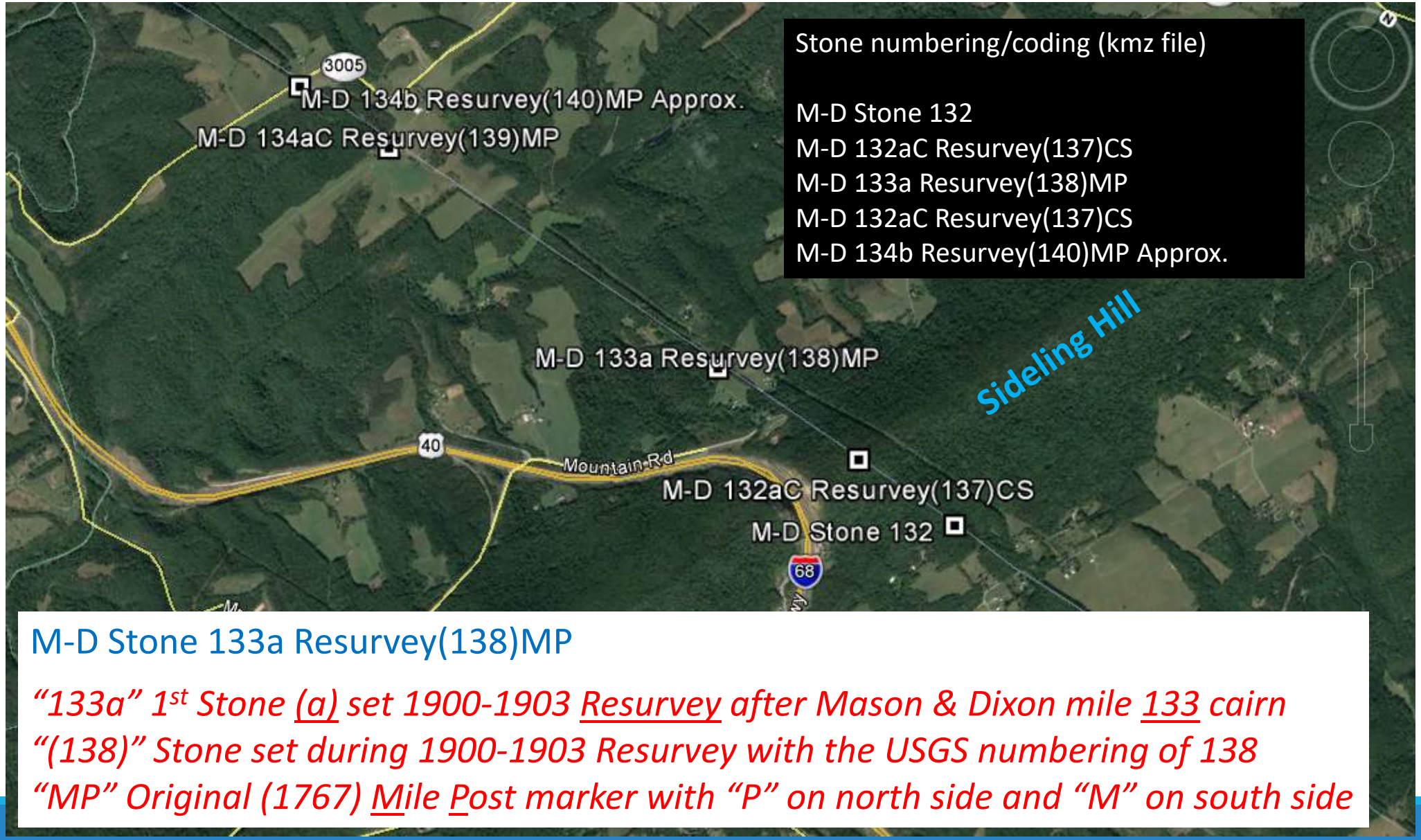


M-D Stone 132aC Resurvey(137)CS

"132aC" 1st Stone (a) set during 1900-1903 Resurvey after the Mason & Dixon number 132 and placed in an original Mason & Dixon Cairn.

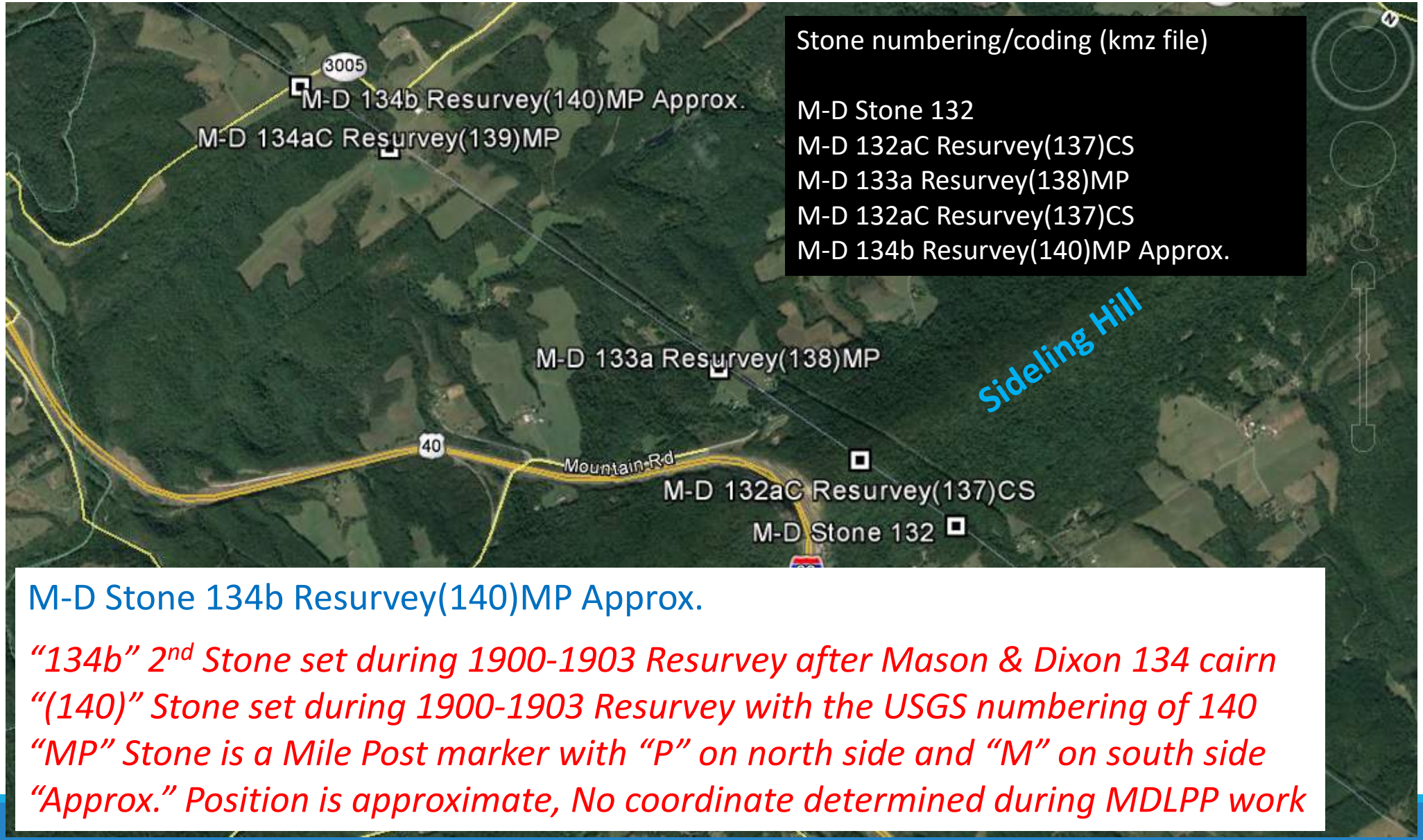
"(137)" Stone set during 1900-1903 Resurvey with the USGS numbering of 137

"CS" Stone is a Crown Stone Penn Crest on north side and Calvert crest on south side



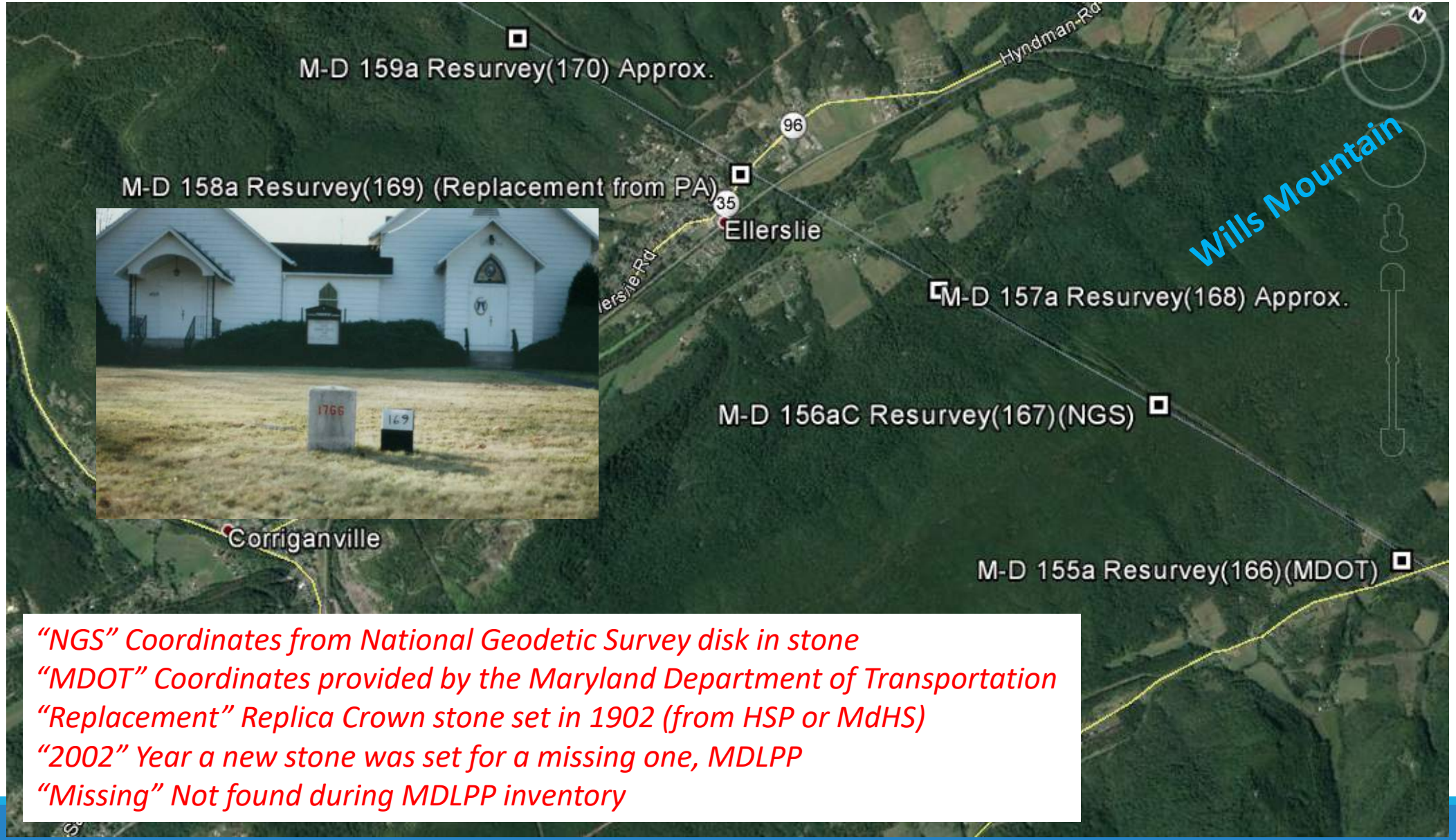
M-D Stone 133a Resurvey(138)MP

"133a" 1st Stone (a) set 1900-1903 Resurvey after Mason & Dixon mile 133 cairn
"(138)" Stone set during 1900-1903 Resurvey with the USGS numbering of 138
"MP" Original (1767) Mile Post marker with "P" on north side and "M" on south side



M-D Stone 134b Resurvey(140)MP Approx.

"134b" 2nd Stone set during 1900-1903 Resurvey after Mason & Dixon 134 cairn
"(140)" Stone set during 1900-1903 Resurvey with the USGS numbering of 140
"MP" Stone is a Mile Post marker with "P" on north side and "M" on south side
"Approx." Position is approximate, No coordinate determined during MDLPP work



"NGS" Coordinates from National Geodetic Survey disk in stone
"MDOT" Coordinates provided by the Maryland Department of Transportation
"Replacement" Replica Crown stone set in 1902 (from HSP or MdHS)
"2002" Year a new stone was set for a missing one, MDLPP
"Missing" Not found during MDLPP inventory

Stones known to have been removed from the line.



M-D Stone 10 - Plumpton Park Zoo
(1416 Telegraph Road, Rising Sun, MD)



M-D Stone 40a - York County History Center
(250 East Market Street, York, PA)

Stones known to have been removed from the line.



M-D Stone 50 - Maryland Historical Society
(201 W. Monument Street, Baltimore, MD)



M-D Stone 65 - Maryland Geological Survey
(2300 St. Paul Street, Baltimore, MD)

Stones known to have been removed from the line.



M-D Stone 110 - Crown Stone Farm (barn)
(14748 Fairview Road, Clear Spring, MD)



M-D Stone 115 - Historical Society of Pennsylvania
(1300 Locust Street, Philadelphia, PA)

Stones known to have been removed from the line.



M-D 134b (OMP) Resurvey 140
Christ Church Cemetery
(498 Arch Street, Philadelphia, PA)



M-D 181c
Resurvey 201
Photo 4/13/1984
(Mark Folk Property
Springs, PA)

Stone Identification

"Which side is it?"

"Who set it?"

"Is it oriented the right way?"

- Mason and Dixon original (1760's) Crown Stones
- Mason and Dixon original (1760's) Mile Post Stones
- Fort Frederick "stash" used west of Mile 132 and "fill-in"
- 1900 – 1903 Resurvey (1902) Replica Crown Stones (50 & 158a)
- 1900 – 1903 Resurvey (1902) Mile Post Stones
- 2002 Replica Crown Stone at Mile 75
- 2003 MDLPP Replacement Stones
- 2015 Replica Crown and Mile Post Stones



Mason & Dixon
Original Crown Stone

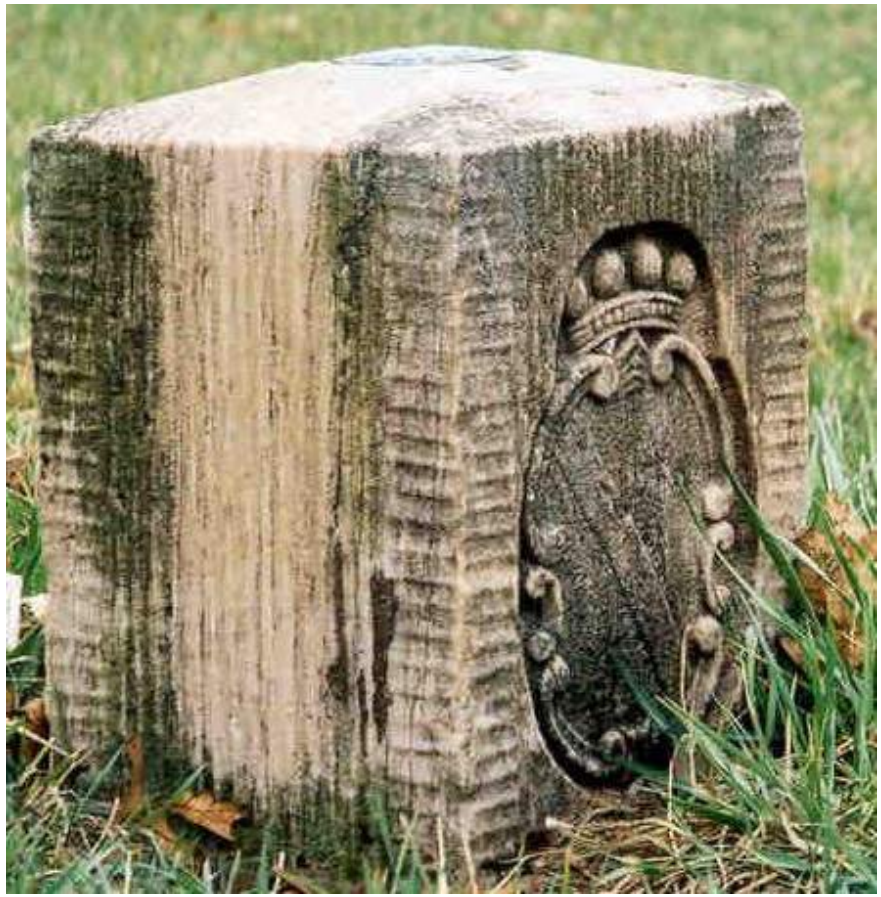


1900-1903 Replica
Crown Stone

PA (North) Side



Mason & Dixon
Original Crown Stone



1900-1903 Replica
Crown Stone

MD (South) Side



Mason & Dixon Original
Mile Post Stone

MD (South) Side



1900-1903 Replica
Mile Post Stone



Mason & Dixon Original
Mile Post Stone

PA (North) Side



1900-1903 Replica
Mile Post Stone





Replica Crown Stone at mile 75 (2002)



2003 MDLPP Replacement Stones, some have been set

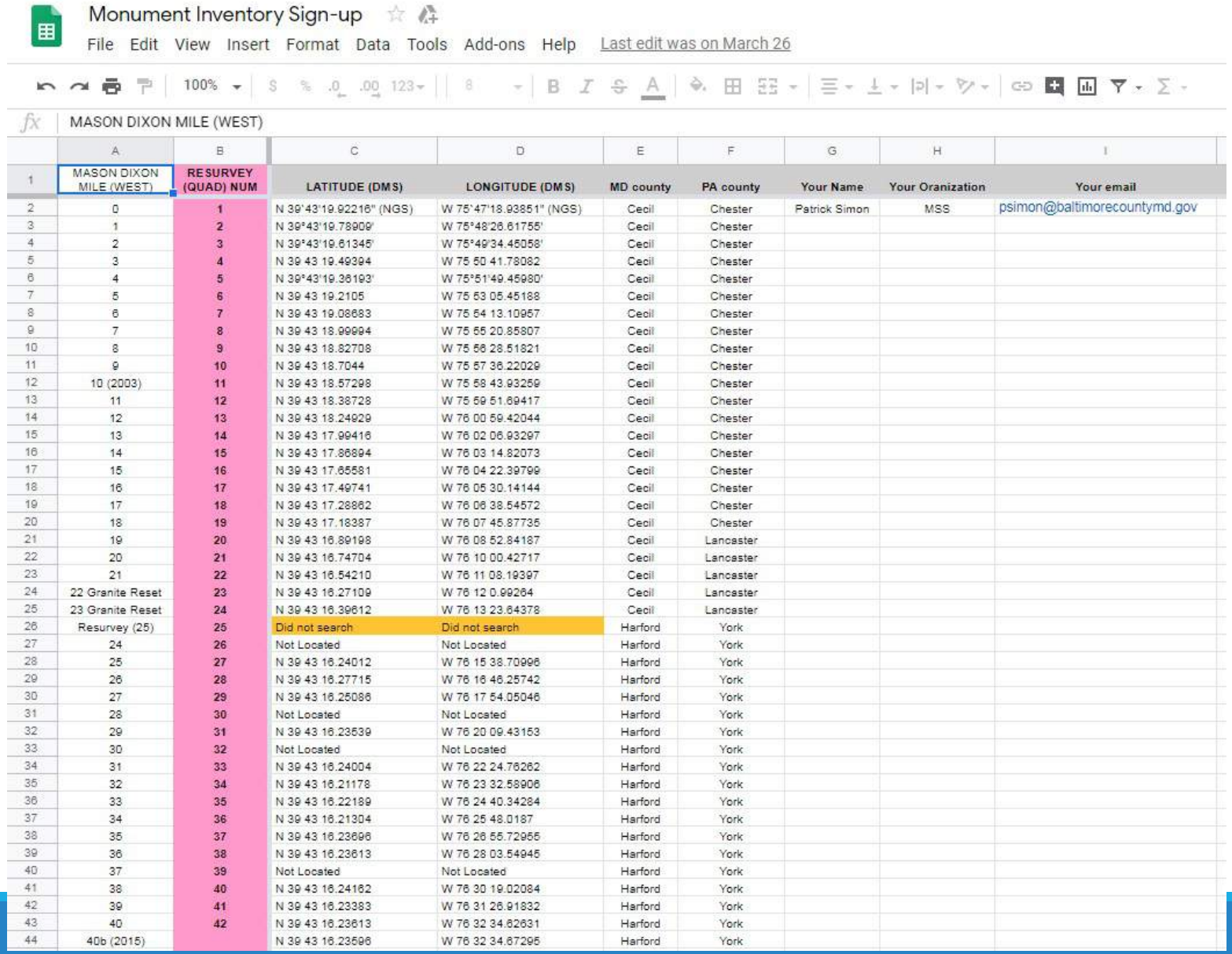


Between Mile 46 and Mile 47



Next to Crown Stone 40

Replica Crown and Mile Post Stone (2015)



Monument Inventory Sign-up

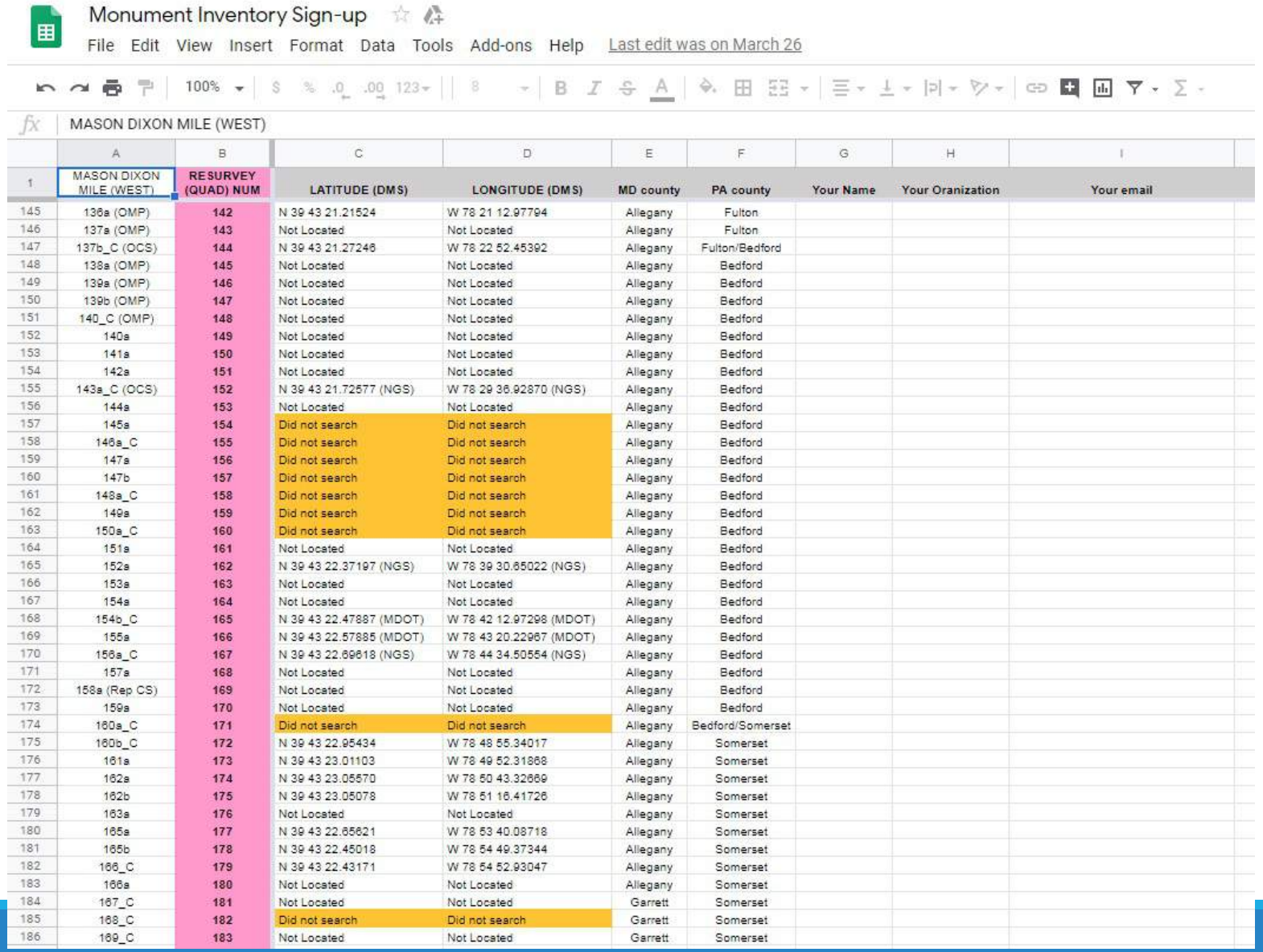
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100%

MASON DIXON MILE (WEST)

	A	B	C	D	E	F	G	H	I
1	MASON DIXON MILE (WEST)	RESURVEY (QUAD) NUM	LATITUDE (DMS)	LONGITUDE (DMS)	MD county	PA county	Your Name	Your Oranization	Your email
2	0	1	N 39°43'19.92216" (NGS)	W 75°47'18.93851" (NGS)	Cecil	Chester	Patrick Simon	MSS	psimon@baltimorecountymd.gov
3	1	2	N 39°43'19.78909'	W 75°48'26.61755'	Cecil	Chester			
4	2	3	N 39°43'19.61345'	W 75°49'34.45058'	Cecil	Chester			
5	3	4	N 39 43 19.49394	W 75 50 41.78082	Cecil	Chester			
6	4	5	N 39°43'19.36193'	W 75°51'49.45980'	Cecil	Chester			
7	5	6	N 39 43 19.2105	W 75 53 05.45188	Cecil	Chester			
8	6	7	N 39 43 19.08683	W 75 54 13.10957	Cecil	Chester			
9	7	8	N 39 43 18.99994	W 75 55 20.85807	Cecil	Chester			
10	8	9	N 39 43 18.82708	W 75 56 28.51821	Cecil	Chester			
11	9	10	N 39 43 18.7044	W 75 57 36.22029	Cecil	Chester			
12	10 (2003)	11	N 39 43 18.57298	W 75 58 43.93259	Cecil	Chester			
13	11	12	N 39 43 18.38728	W 75 59 51.69417	Cecil	Chester			
14	12	13	N 39 43 18.24929	W 76 00 59.42044	Cecil	Chester			
15	13	14	N 39 43 17.99416	W 76 02 06.93297	Cecil	Chester			
16	14	15	N 39 43 17.86894	W 76 03 14.82073	Cecil	Chester			
17	15	16	N 39 43 17.65581	W 76 04 22.39799	Cecil	Chester			
18	16	17	N 39 43 17.49741	W 76 05 30.14144	Cecil	Chester			
19	17	18	N 39 43 17.28862	W 76 06 38.54572	Cecil	Chester			
20	18	19	N 39 43 17.18387	W 76 07 45.87735	Cecil	Chester			
21	19	20	N 39 43 16.89198	W 76 08 52.84187	Cecil	Lancaster			
22	20	21	N 39 43 16.74704	W 76 10 00.42717	Cecil	Lancaster			
23	21	22	N 39 43 16.54210	W 76 11 08.19397	Cecil	Lancaster			
24	22 Granite Reset	23	N 39 43 16.27109	W 76 12 0.99264	Cecil	Lancaster			
25	23 Granite Reset	24	N 39 43 16.39612	W 76 13 23.64378	Cecil	Lancaster			
26	Resurvey (25)	25	Did not search	Did not search	Harford	York			
27	24	26	Not Located	Not Located	Harford	York			
28	25	27	N 39 43 16.24012	W 76 15 38.70996	Harford	York			
29	26	28	N 39 43 16.27715	W 76 16 46.25742	Harford	York			
30	27	29	N 39 43 16.25086	W 76 17 54.05046	Harford	York			
31	28	30	Not Located	Not Located	Harford	York			
32	29	31	N 39 43 16.23539	W 76 20 09.43153	Harford	York			
33	30	32	Not Located	Not Located	Harford	York			
34	31	33	N 39 43 16.24004	W 76 22 24.76262	Harford	York			
35	32	34	N 39 43 16.21178	W 76 23 32.58906	Harford	York			
36	33	35	N 39 43 16.22189	W 76 24 40.34284	Harford	York			
37	34	36	N 39 43 16.21304	W 76 25 48.0187	Harford	York			
38	35	37	N 39 43 16.23696	W 76 26 55.72955	Harford	York			
39	36	38	N 39 43 16.23613	W 76 28 03.54945	Harford	York			
40	37	39	Not Located	Not Located	Harford	York			
41	38	40	N 39 43 16.24162	W 76 30 19.02084	Harford	York			
42	39	41	N 39 43 16.23383	W 76 31 26.91832	Harford	York			
43	40	42	N 39 43 16.23613	W 76 32 34.62631	Harford	York			
44	40b (2015)		N 39 43 16.23596	W 76 32 34.67295	Harford	York			

Online Sign-up sheet



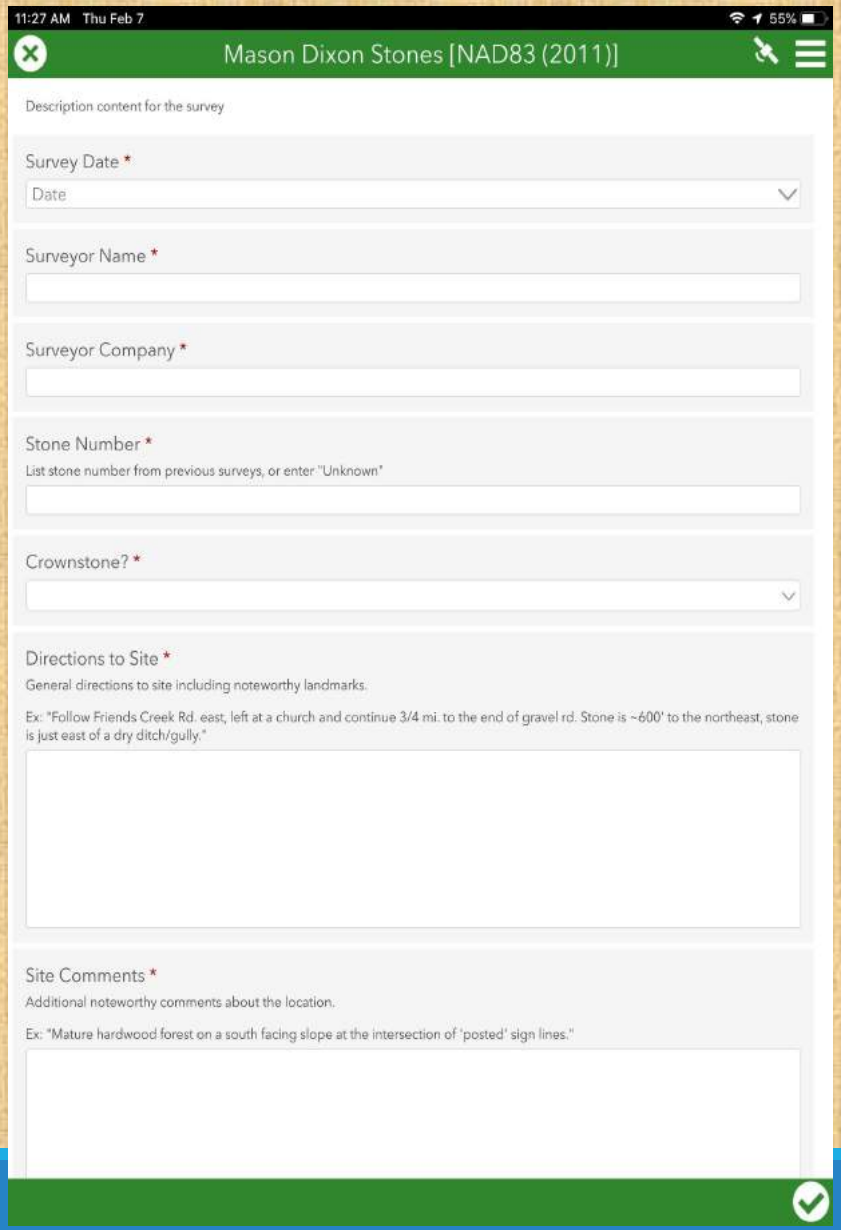
Monument Inventory Sign-up

File Edit View Insert Format Data Tools Add-ons Help Last edit was on March 26

MASON DIXON MILE (WEST)

	A	B	C	D	E	F	G	H	I
1	MASON DIXON MILE (WEST)	RESURVEY (QUAD) NUM	LATITUDE (DMS)	LONGITUDE (DMS)	MD county	PA county	Your Name	Your Oranization	Your email
145	136a (OMP)	142	N 39 43 21.21524	W 78 21 12.97794	Allegany	Fulton			
146	137a (OMP)	143	Not Located	Not Located	Allegany	Fulton			
147	137b_C (OCS)	144	N 39 43 21.27246	W 78 22 52.45392	Allegany	Fulton/Bedford			
148	138a (OMP)	145	Not Located	Not Located	Allegany	Bedford			
149	139a (OMP)	146	Not Located	Not Located	Allegany	Bedford			
150	139b (OMP)	147	Not Located	Not Located	Allegany	Bedford			
151	140_C (OMP)	148	Not Located	Not Located	Allegany	Bedford			
152	140a	149	Not Located	Not Located	Allegany	Bedford			
153	141a	150	Not Located	Not Located	Allegany	Bedford			
154	142a	151	Not Located	Not Located	Allegany	Bedford			
155	143a_C (OCS)	152	N 39 43 21.72577 (NGS)	W 78 29 36.92870 (NGS)	Allegany	Bedford			
156	144a	153	Not Located	Not Located	Allegany	Bedford			
157	145a	154	Did not search	Did not search	Allegany	Bedford			
158	146a_C	155	Did not search	Did not search	Allegany	Bedford			
159	147a	156	Did not search	Did not search	Allegany	Bedford			
160	147b	157	Did not search	Did not search	Allegany	Bedford			
161	148a_C	158	Did not search	Did not search	Allegany	Bedford			
162	149a	159	Did not search	Did not search	Allegany	Bedford			
163	150a_C	160	Did not search	Did not search	Allegany	Bedford			
164	151a	161	Not Located	Not Located	Allegany	Bedford			
165	152a	162	N 39 43 22.37197 (NGS)	W 78 39 30.65022 (NGS)	Allegany	Bedford			
166	153a	163	Not Located	Not Located	Allegany	Bedford			
167	154a	164	Not Located	Not Located	Allegany	Bedford			
168	154b_C	165	N 39 43 22.47887 (MDOT)	W 78 42 12.97298 (MDOT)	Allegany	Bedford			
169	155a	166	N 39 43 22.57885 (MDOT)	W 78 43 20.22967 (MDOT)	Allegany	Bedford			
170	156a_C	167	N 39 43 22.69618 (NGS)	W 78 44 34.50554 (NGS)	Allegany	Bedford			
171	157a	168	Not Located	Not Located	Allegany	Bedford			
172	158a (Rep CS)	169	Not Located	Not Located	Allegany	Bedford			
173	159a	170	Not Located	Not Located	Allegany	Bedford			
174	160a_C	171	Did not search	Did not search	Allegany	Bedford/Somerset			
175	160b_C	172	N 39 43 22.95434	W 78 48 55.34017	Allegany	Somerset			
176	161a	173	N 39 43 23.01103	W 78 49 52.31868	Allegany	Somerset			
177	162a	174	N 39 43 23.05570	W 78 50 43.32669	Allegany	Somerset			
178	162b	175	N 39 43 23.05078	W 78 51 16.41726	Allegany	Somerset			
179	163a	176	Not Located	Not Located	Allegany	Somerset			
180	165a	177	N 39 43 22.65621	W 78 53 40.08718	Allegany	Somerset			
181	165b	178	N 39 43 22.45018	W 78 54 49.37344	Allegany	Somerset			
182	166_C	179	N 39 43 22.43171	W 78 54 52.93047	Allegany	Somerset			
183	166a	180	Not Located	Not Located	Allegany	Somerset			
184	167_C	181	Not Located	Not Located	Garrett	Somerset			
185	168_C	182	Did not search	Did not search	Garrett	Somerset			
186	169_C	183	Not Located	Not Located	Garrett	Somerset			

Online Sign-up sheet





Survey123 app
When you first open the survey



11:04 80%

Mason Dixon Monuments [NAD83 (2011)]

Description content for the survey

Monument Number *

List stone number from previous surveys, or enter "Unknown".

40

Survey Date *

Monday, October 14, 2019

Surveyor Name *

Patrick Simon

Surveyor Company *

MDLPP

Crownstone? *

Yes

Monument Location *

Capture the location of the monument (tap the location icon in the top right of the map below)

39.721°N 76.543°W ± 4.3 m

Monument Latitude (decimal degrees) *

Report decimal degrees to **at minimum** 5 decimal places.

Monument Longitude (decimal degrees) *

Report decimal degrees to **at minimum** 5 decimal places.

Directions to Site *

General directions to site including noteworthy landmarks.

Ex: "Follow Friends Creek Rd. east, left at a church and continue 3/4 mi. to the end of gravel rd. Stone is ~600' to the northeast, stone is just east of a dry ditch/gully".



11:20 74%

Mason Dixon Monuments [NAD83 (2011)]

Crownstone? *

Yes

Monument Location *

Capture the location of the monument (tap the location icon in the top right of the map below)

39.721°N 76.543°W ± 4.3 m

Monument Latitude (decimal degrees) *

Report decimal degrees to **at minimum** 5 decimal places.

39.72119

Monument Longitude (decimal degrees) *

Report decimal degrees to **at minimum** 5 decimal places.

76.54298

Directions to Site *

General directions to site including noteworthy landmarks.

Ex: "Follow Friends Creek Rd. east, left at a church and continue 3/4 mi. to the end of gravel rd. Stone is ~600' to the northeast, stone is just east of a dry ditch/gully".

Site Comments *

Additional noteworthy comments about the location.

Ex: "Mature hardwood forest on a south facing slope at the intersection of 'posted' sign lines".

GPS Equipment Used *

Equipment make/model.

Hand-held Garmin Oregon 450t

972

GPS Accuracy *

Equipment accuracy.

less than 30 ft



11:28 69%

Mason Dixon Monuments [NAD83 (2011)]

General directions to site including noteworthy landmarks.

Ex: "Follow Friends Creek Rd. east, left at a church and continue 3/4 mi. to the end of gravel rd. Stone is ~600' to the northeast, stone is just east of a dry ditch/gully".

Coming

994

Site Comments *

Additional noteworthy comments about the location.

Ex: "Mature hardwood forest on a south facing slope at the intersection of 'posted' sign lines".

Coming

GPS Equipment Used *

Equipment make/model.

Hand-held Garmin Oregon 450t

GPS Accuracy *

Equipment accuracy.

less than 30 ft

Stone Missing? *

No

Stone Height *

Height from ground surface to top of stone, in decimal ft.

.80

Stone Width *

Dimensions of the sides of the stone, in decimal ft. Measure two perpendicular sides.

1.0 feet by 1.0 feet

Pitch of Stone *

If the stone is leaning, measure how far it leans (with plumb bob or by surveyor's preferred method). Include units for your measurement.

None

Wobbliness of Stone *

If the stone is wobbly, characterize how wobbly it is.



11:22 73%

Mason Dixon Monuments [NAD83 (2011)]

No

Stone Height *

Height from ground surface to top of stone, in decimal ft.

.80

Stone Width *

Dimensions of the sides of the stone, in decimal ft. Measure two perpendicular sides.

1.0 feet by 1.0 feet

Pitch of Stone *

If the stone is leaning, measure how far it leans (with plumb bob or by surveyor's preferred method). Include units for your measurement.

None

Wobbliness of Stone *

If the stone is wobbly, characterize how wobbly it is.

NONE - Stone is firmly set in ground

Carving Quality *

If the stone is missing, select "other" and enter "missing".

POOR - Severe wear; carving mostly illegible

Stone Damaged/Broken *

If the stone is damaged/broken, please describe the nature of the damage. If not, answer "no".

Top of stone broken, missing

Carvings Oriented Correctly? *

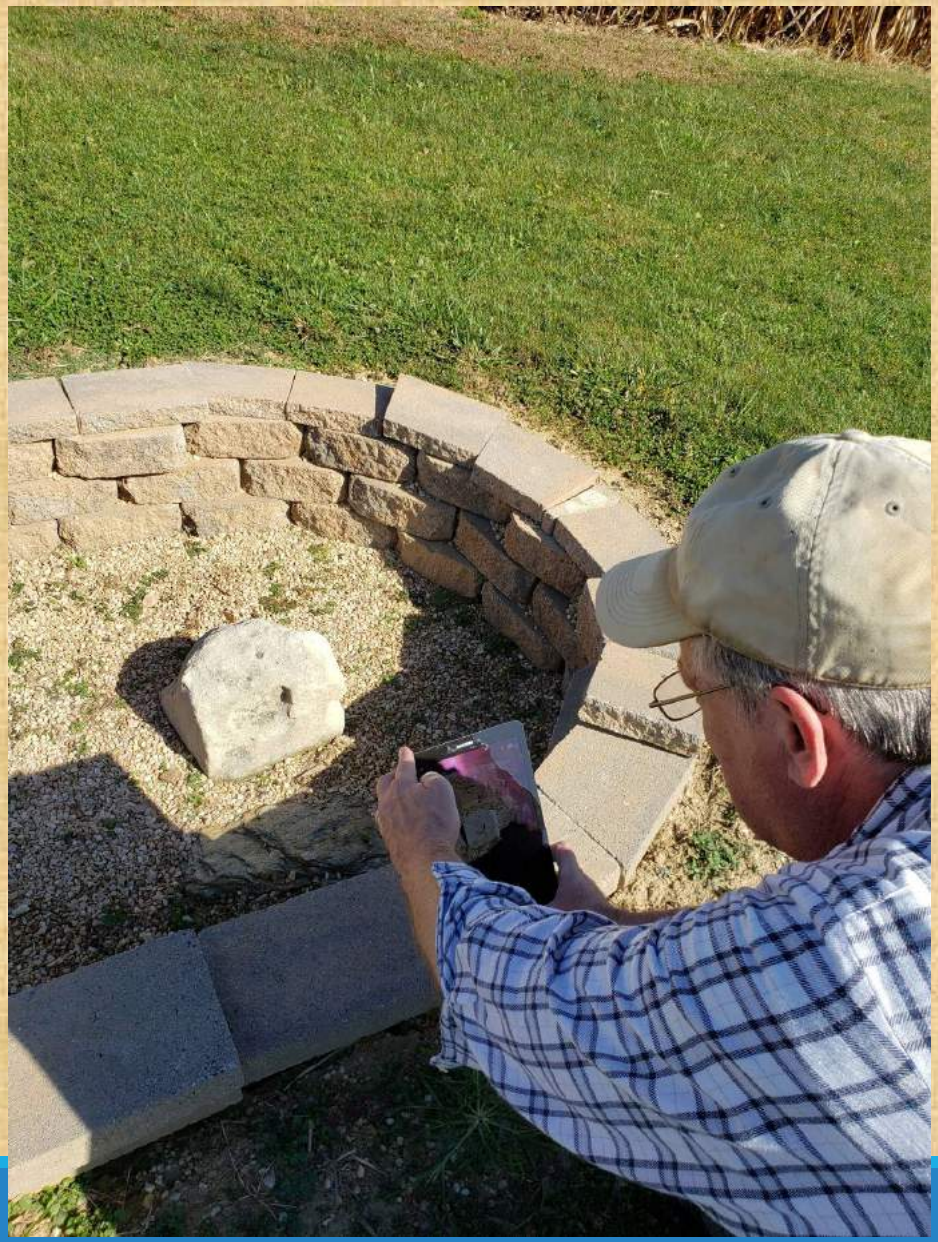
is the P facing north and M facing south?

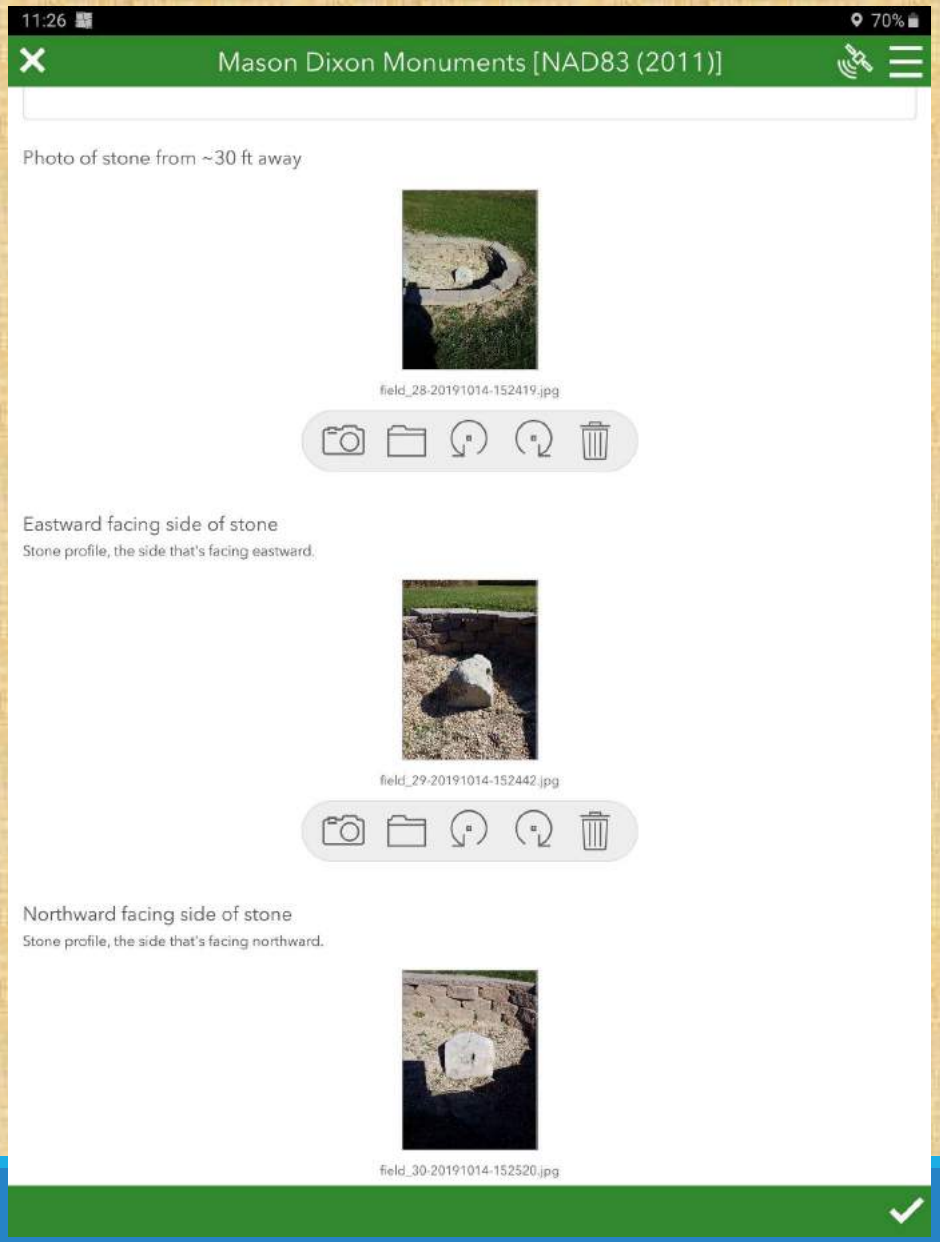
N/A [not set, or missing]

Site Conditions *

- [ ] Forested
- [x] Farm Field/Pasture
- [ ] Residential
- [ ] Close to Road

Accessibility of Site *




11:26
70%
Mason Dixon Monuments [NAD83 (2011)]
Photo of stone from ~30 ft away
field_28-20191014-152419.jpg
Eastward facing side of stone
Stone profile, the side that's facing eastward.
field_29-20191014-152442.jpg
Northward facing side of stone
Stone profile, the side that's facing northward.
field_30-20191014-152520.jpg



11:30 68%

Mason Dixon Monuments [NAD83 (2011)]

POOR - Severe wear; carving mostly illegible

Stone Damaged/Broken *

If the stone is damaged/broken, please describe the nature of the damage. If not, answer "no".

Top of stone broken, missing

Carvings Oriented Correctly? *

is the P facing north and M facing south?

N/A [not set, or missing]

Site Conditions *

- [ ] Forested
- [x] Farm Field/Pasture
- [ ] Residential
- [ ] Close to Road

Accessibility of Site *

Easy

Accessibility Notes *

Any additional notes about site accessibility

Ex: "Bring machete, site is overgrown", or "Long path to site".

None

Site Hazards *

Describe any potential health/safety hazards on site.

Ex: "Poison ivy, loose footing, etc".

In small pit

988

Endangerment to Monument *

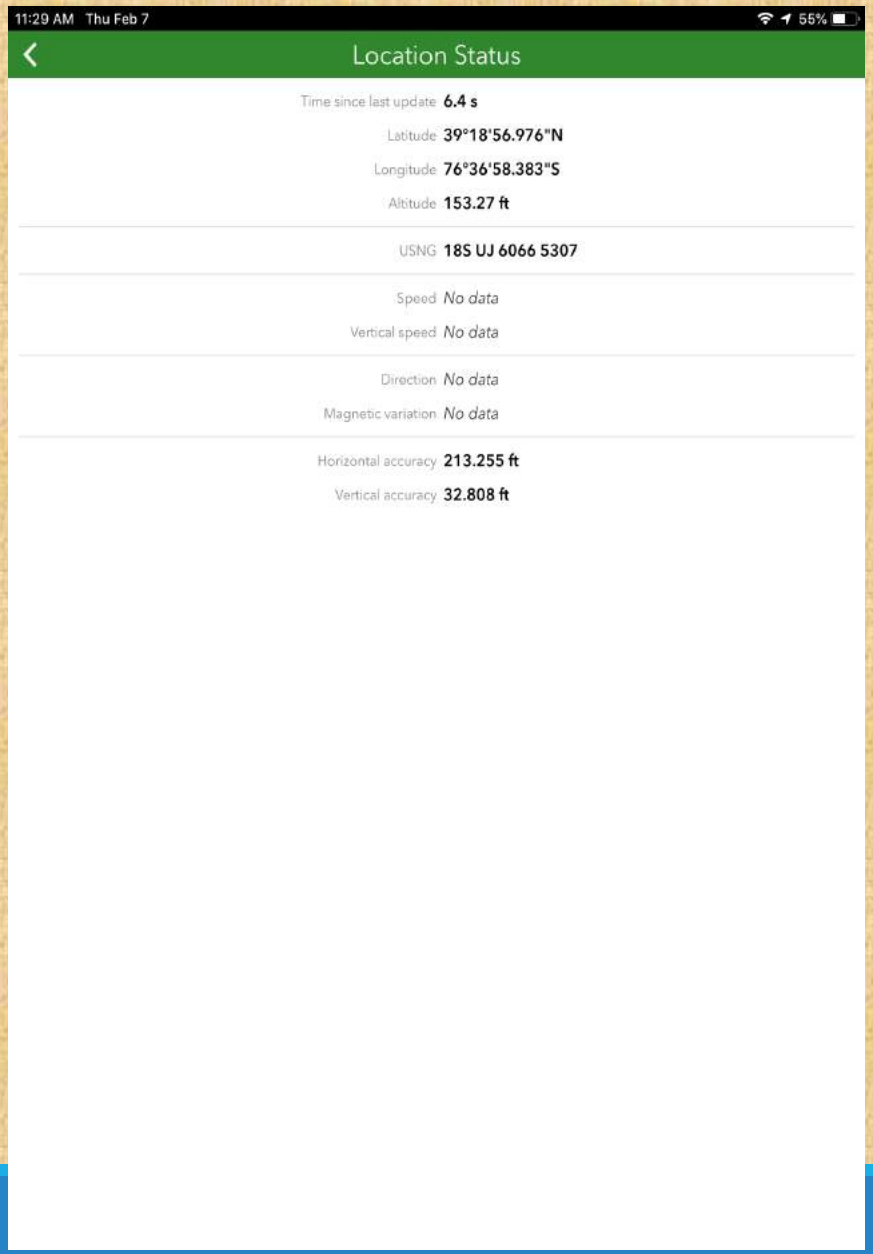
Describe any hazards to the stone itself.

Ex: "Stone is nearby an eroding slope, stone is very close to the edge of a plowed farm field, etc".

None

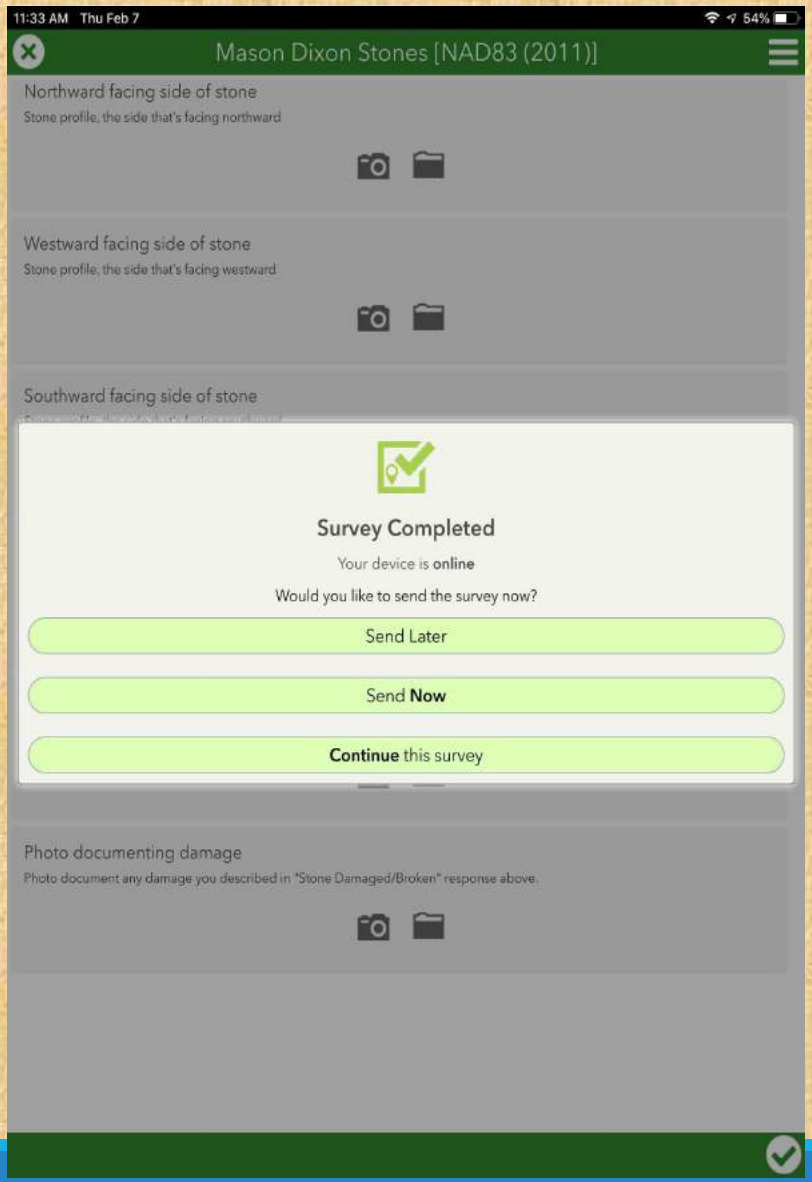
USC&GS Triangulation Station Marks or Other Marks on the Stone? *

Any additional marks on the stone other than the original carvings/flutings?





Survey123 app
When you tap the satellite icon





Survey123 app

After you complete the survey and tap the check mark

STATE/COUNTIES ON THE MASON & DIXON LINE

PENNSYLVANIA
CHESTER
LANCASTER
YORK
ADAMS
FRANKLIN
FULTON
BEDFORD
SOMERSET
FAYETTE
GREENE

MARYLAND
(w/PENNSYLVANIA)
CECIL
HARFORD
BALTIMORE
CARROLL
FREDERICK
WASHINGTON
ALLEGANY
GARRETT

MARYLAND
(w/DELAWARE)
CECIL
KENT
QUEEN ANNE'S
CAROLINE
DORCHESTER
WICOMICO
WORCESTER *

DELAWARE
NEW CASTLE
KENT
SUSSEX

WEST VIRGINIA
PRESTON
MONONGALIA
WETZEL *

* - County on a portion of the line surveyed by others and not Mason & Dixon

MASON & DIXON LINE INVENTORY

Stones (per county) in MDLPP database (Mason & Dixon 0 to 199a)

PENNSYLVANIA

CHESTER - 19
LANCASTER - 5
YORK - 43
ADAMS - 24
FRANKLIN - 35
FULTON – 18*
BEDFORD – 28**
SOMERSET – 45*
FAYETTE - 12
GREENE

MARYLAND

CECIL - 24
HARFORD - 20
BALTIMORE - 12
CARROLL - 22
FREDERICK - 14
WASHINGTON - 49
ALLEGANY - 39
GARRETT - 43

WEST VIRGINIA

PRESTON - 4
MONONGALIA
WETZEL

* - Stone at/near common county border

Mason & Dixon Line Survey

QUESTIONS

