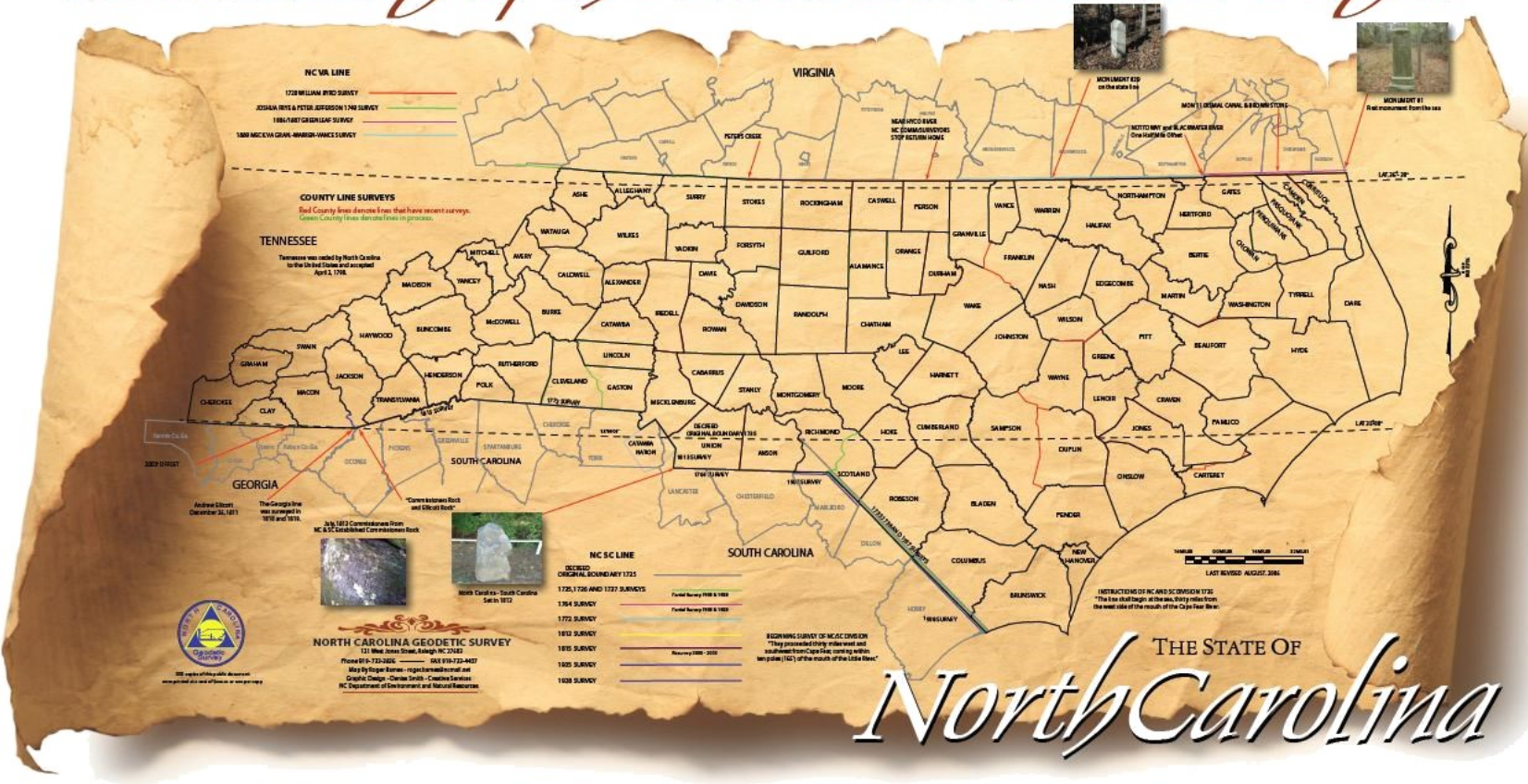
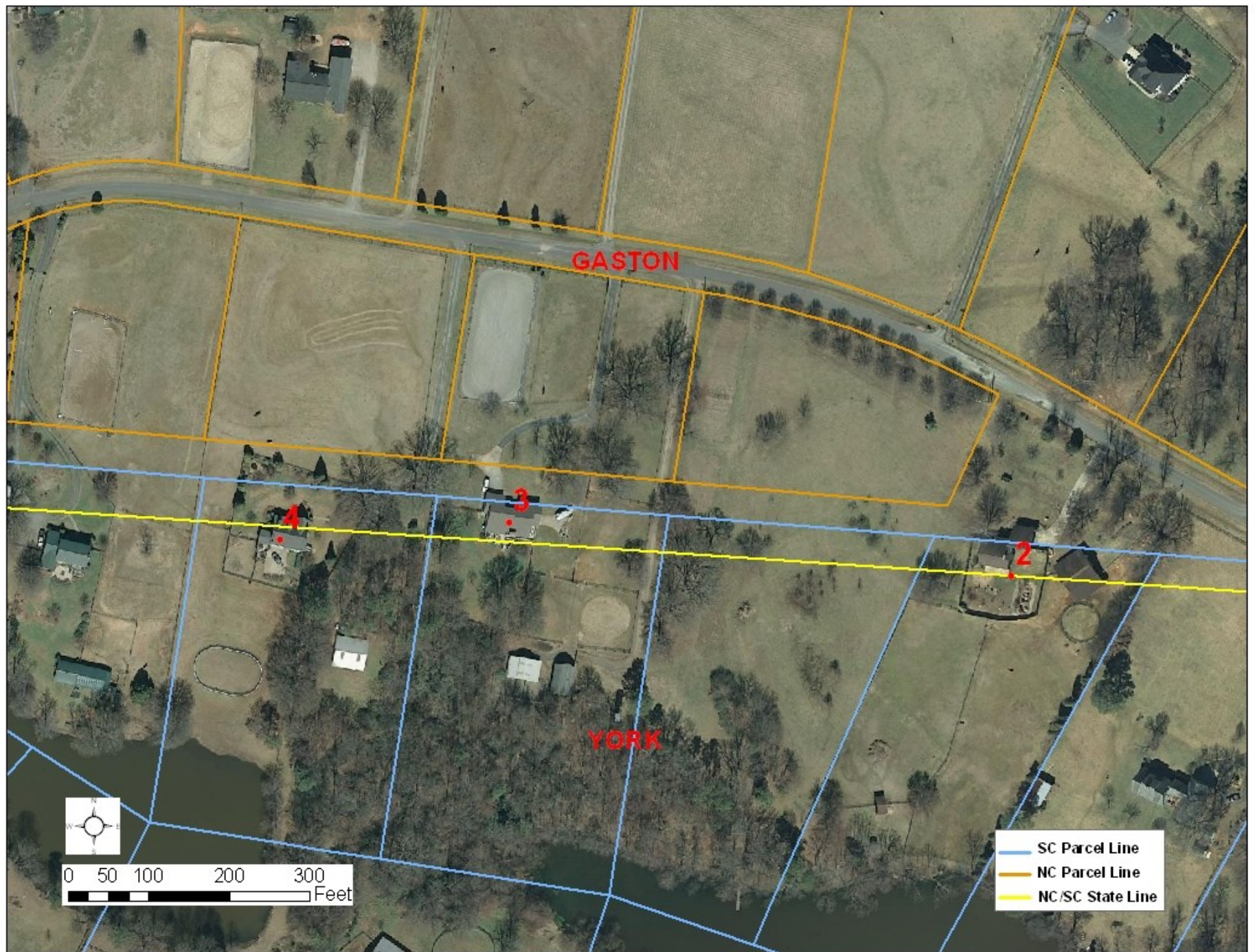
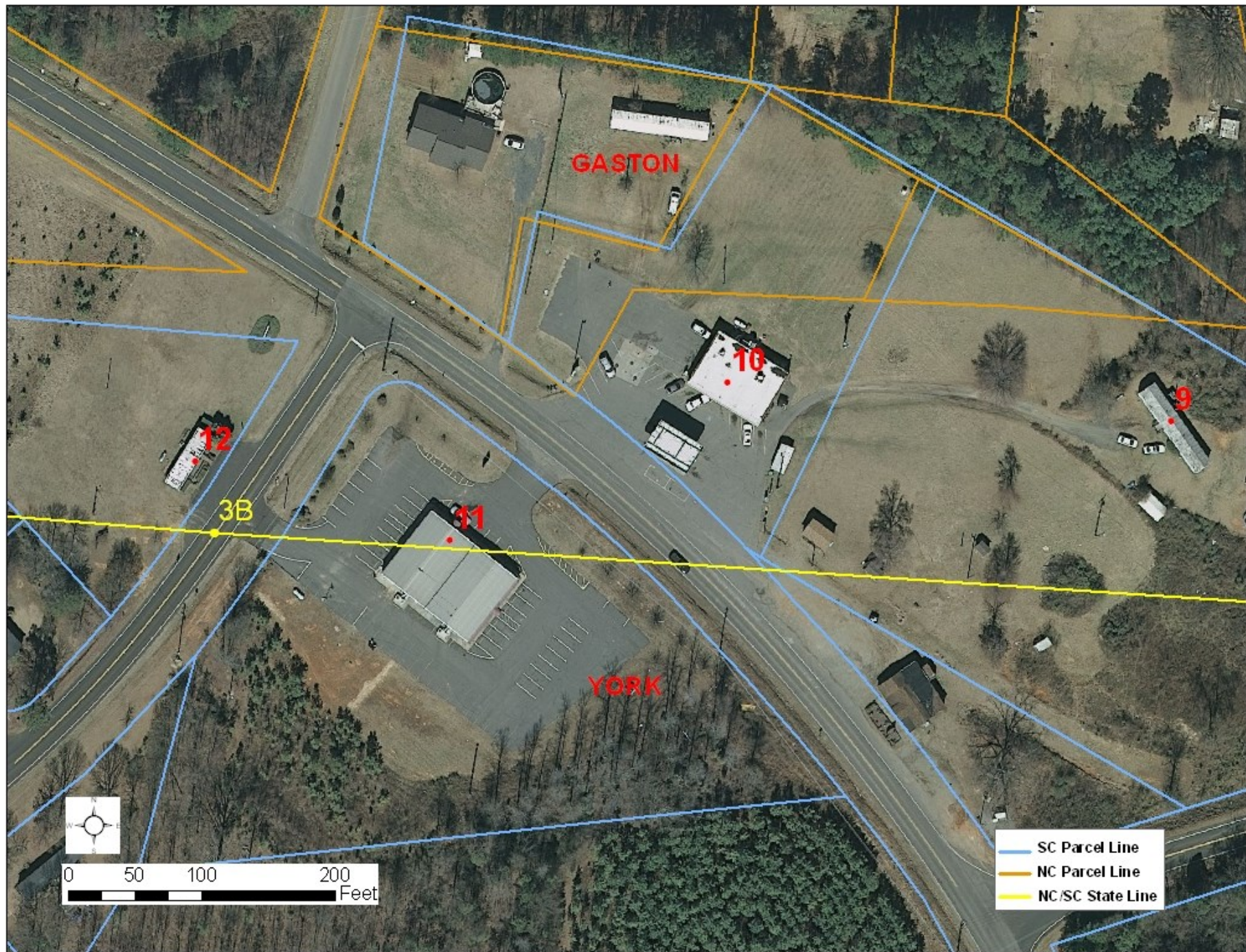


How did North Carolina get its shape?

A History of the Boundaries Surveyed







How did North Carolina get its shape?

- **North Carolina/South Carolina boundary**

- **King George II issued a decree in 1735 that:**

“The line shall begin at the sea, thirty miles from the west side of the mouth of the Cape Fear River. From thence, it shall run on a northwest course to the thirty-fifth parallel of north latitude [35° North latitude], and from thence due west to the South Seas.”

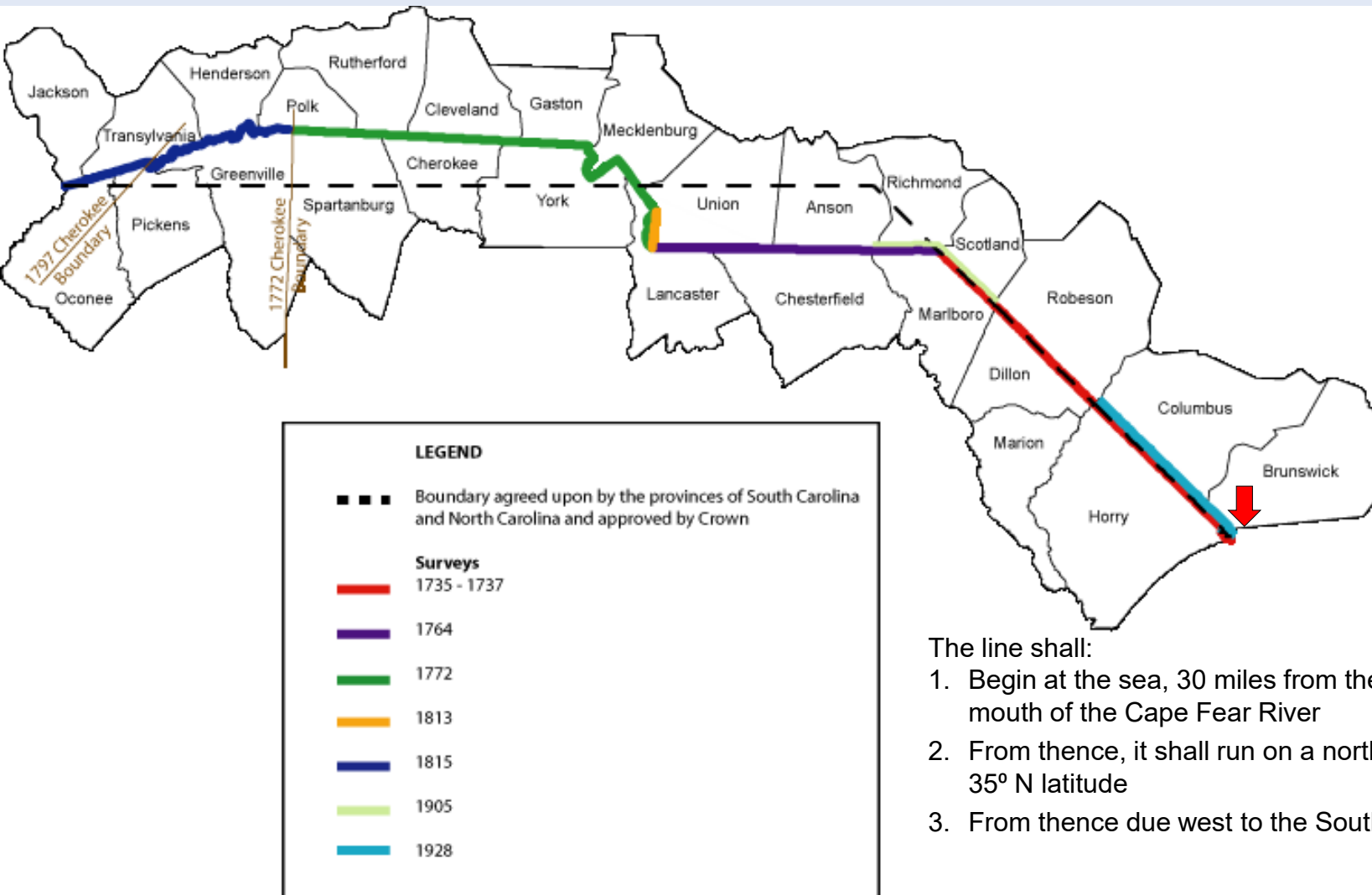


North Carolina Emergency Management





How did North Carolina get its shape?



The line shall:

1. Begin at the sea, 30 miles from the west side of the mouth of the Cape Fear River
2. From thence, it shall run on a northwest course to 35° N latitude
3. From thence due west to the South Seas

How did North Carolina get its shape?

- **North Carolina/South Carolina boundary**
 - **1735 - 1737 survey**
 - Ran a line 30 miles west and southwest from the Cape Fear River stopping 165 feet from the mouth of the Little River
 - Proceeded northwest *“under extremely difficult conditions in a veritable wilderness”* to a meadow in present day Scotland County where they set a lightwood stake some 12 miles short of 35° N latitude.
 - Perhaps they made a mistake in computing their position or stopped short due to the difficulties of the 2-year long survey.
 - Whatever the reason, this stake defined the NC/SC boundary.



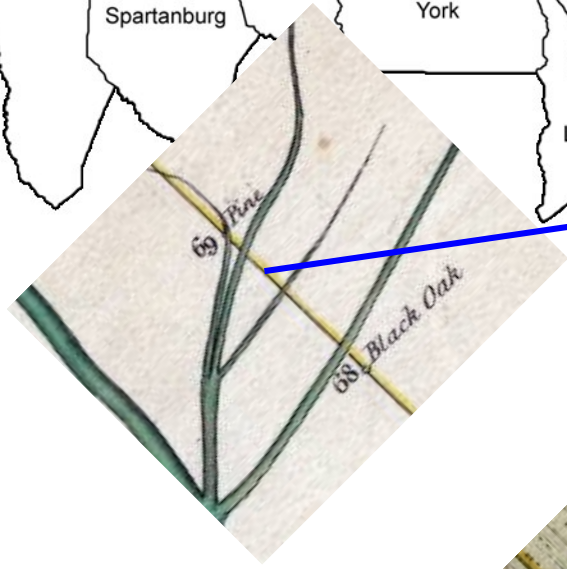
North Carolina Emergency Management



1735-1737 Survey

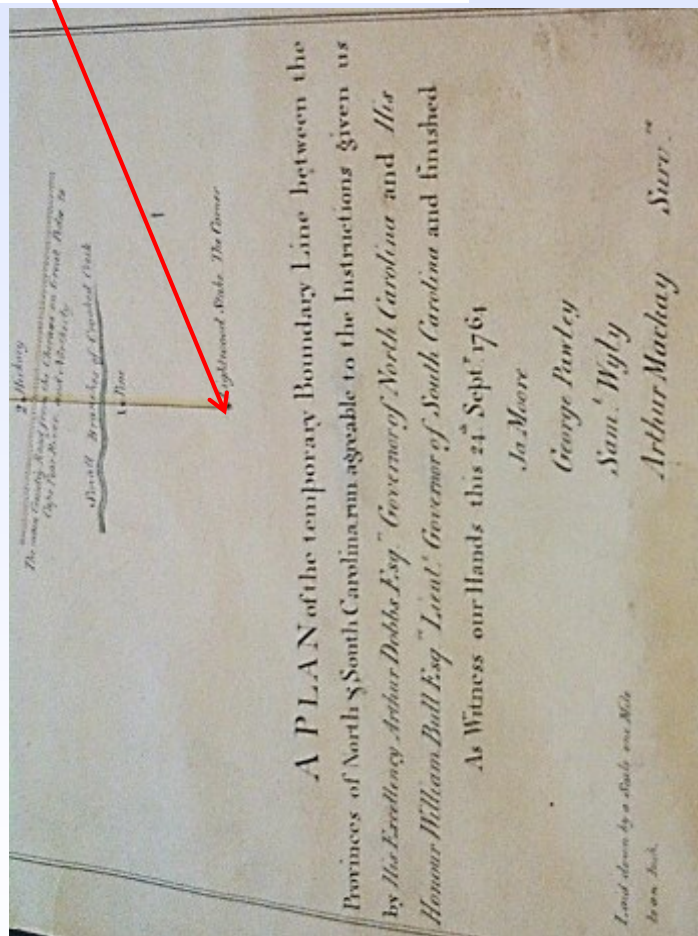




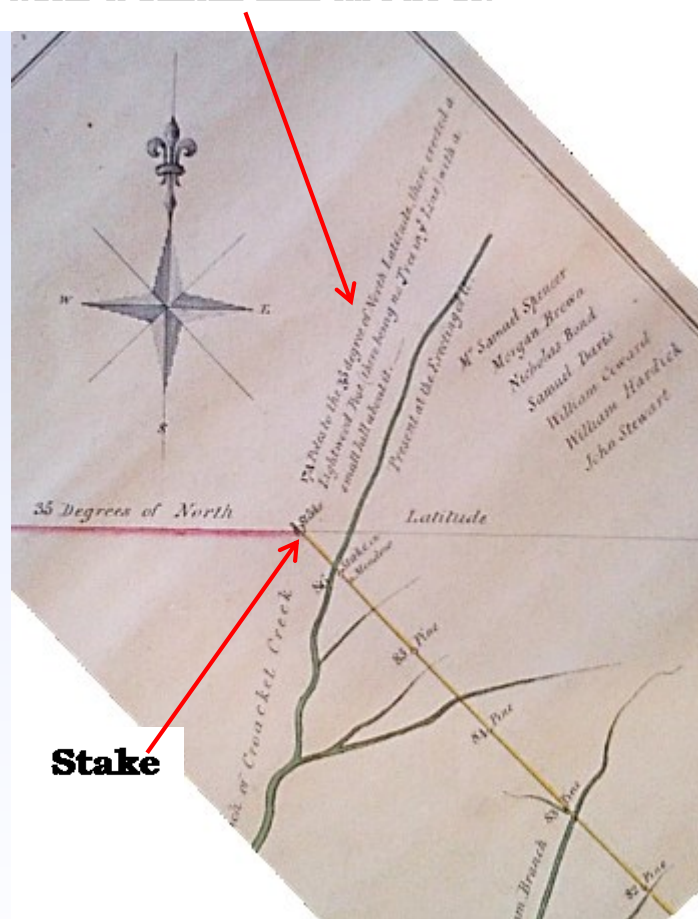


EASTERN ENDPOINT OF THE 1764 SURVEY

Lightwood Stake The Corner



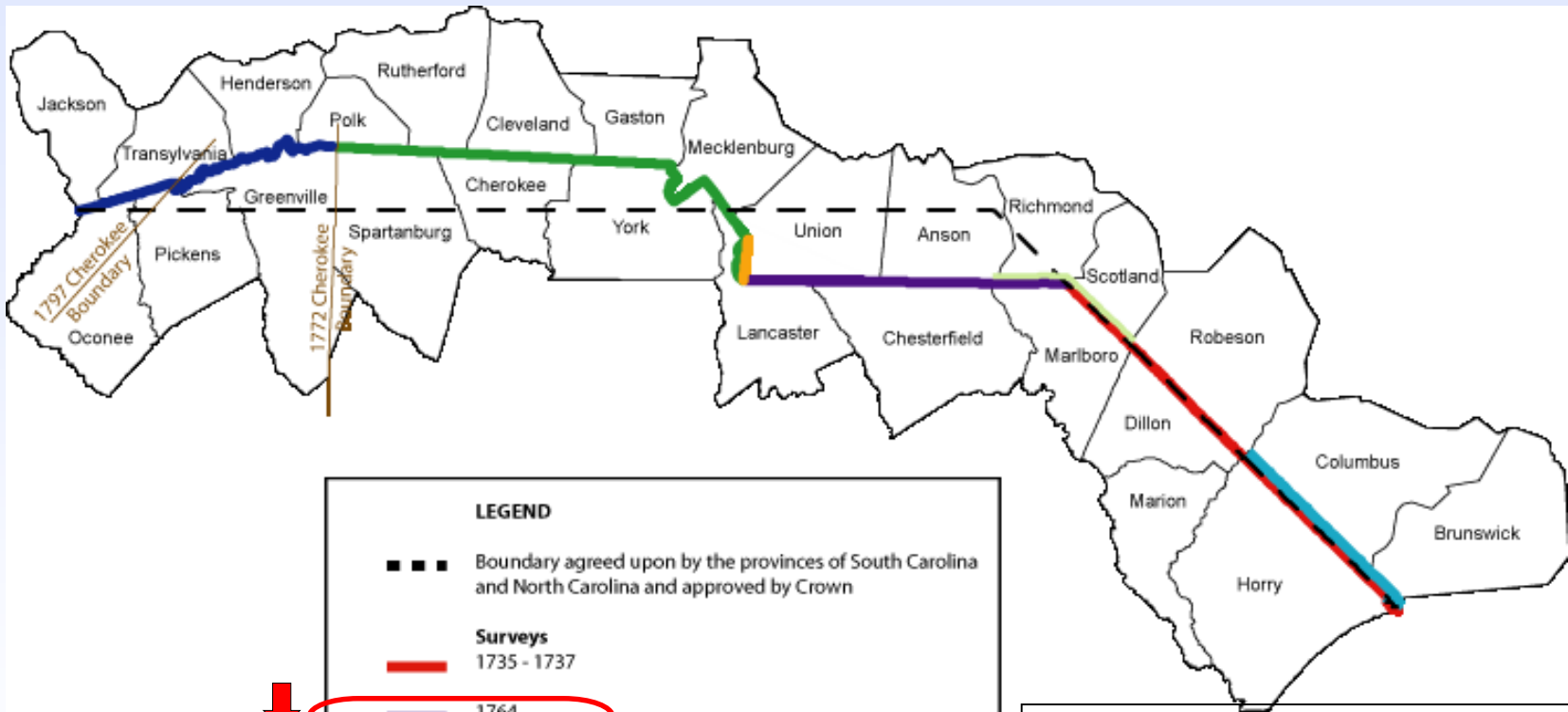
174 Poles to the 35 degree of North Latitude, there erected a Lightwood Post (there being no Tree in y^e line) with a small hill about it.



Stake

NORTHWESTERN ENDPOINT OF
THE 1735-1737 SURVEY

How did North Carolina get its shape?



The line shall:

1. Begin at the sea, 30 miles from the west side of the mouth of the Cape Fear River
2. From thence, it shall run on a northwest course to 35° N latitude
3. From thence due west to the South Seas

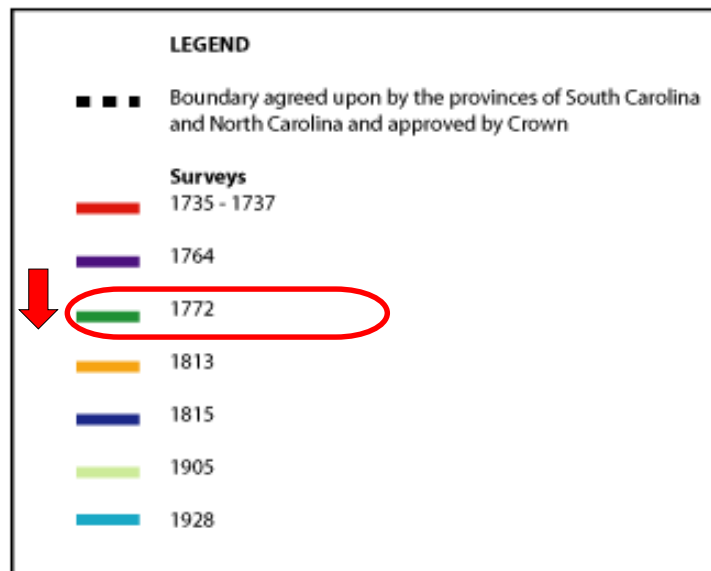
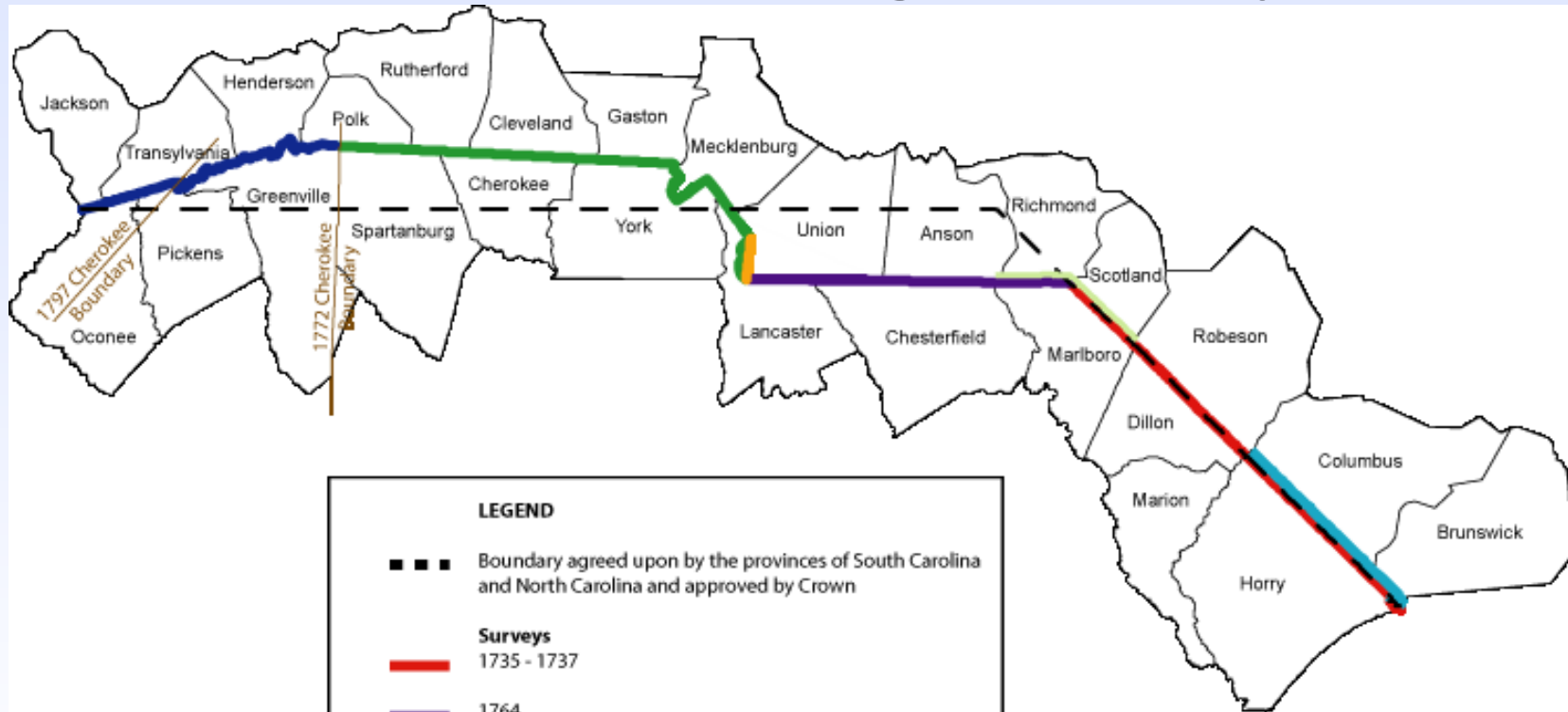
How did North Carolina get its shape?

- **North Carolina/South Carolina boundary**

- **1764 survey**

- Continued from the terminus of the 1737 survey due west along what they mistakenly thought was the 35th parallel toward the Catawba Indian Nation, but ended south of their target along Salisbury Road
 - The surveyors computed their location and determined that they were several miles south of 35th parallel
 - As a consequence of the 1737 terminus being 12 miles short of the 35th parallel, three subsequent surveys (1772, 1813, and 1815) were run west to 'swap' land north of the 35th parallel for the land south of the 35th parallel that had been mistakenly granted to North Carolina.

How did North Carolina get its shape?



The line shall:

1. Begin at the sea, 30 miles from the west side of the mouth of the Cape Fear River
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How did North Carolina get its shape?

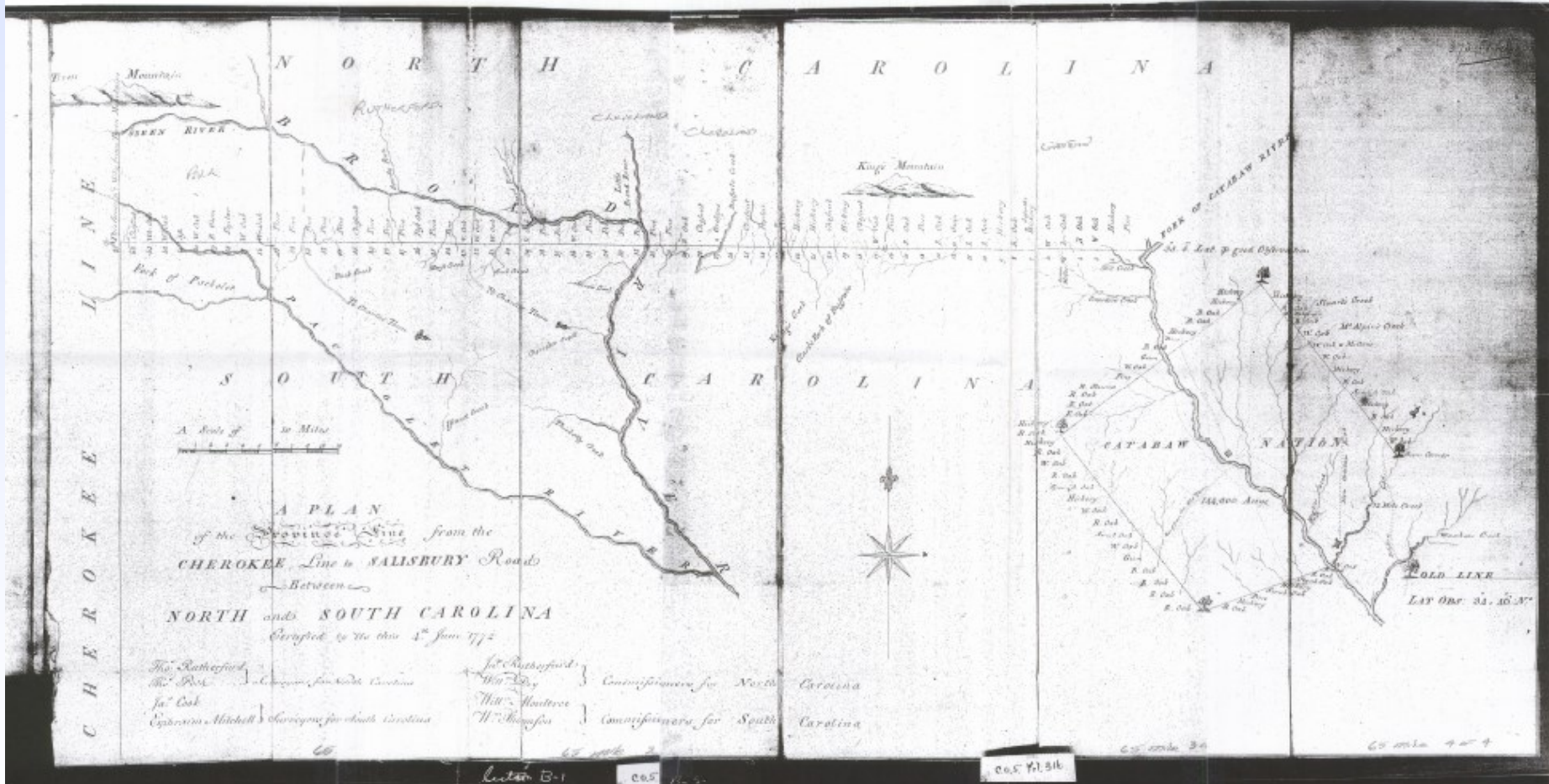
- **North Carolina/South Carolina boundary**
 - **1772 survey**
 - Proceeded from the terminus of the 1764 survey
 - North along Salisbury Road to the eastern corner of the Catawba Indian Nation
 - Around the reservation's northern border
 - North along the Catawba River
 - West to a ridgeline separating two watersheds



North Carolina Emergency Management

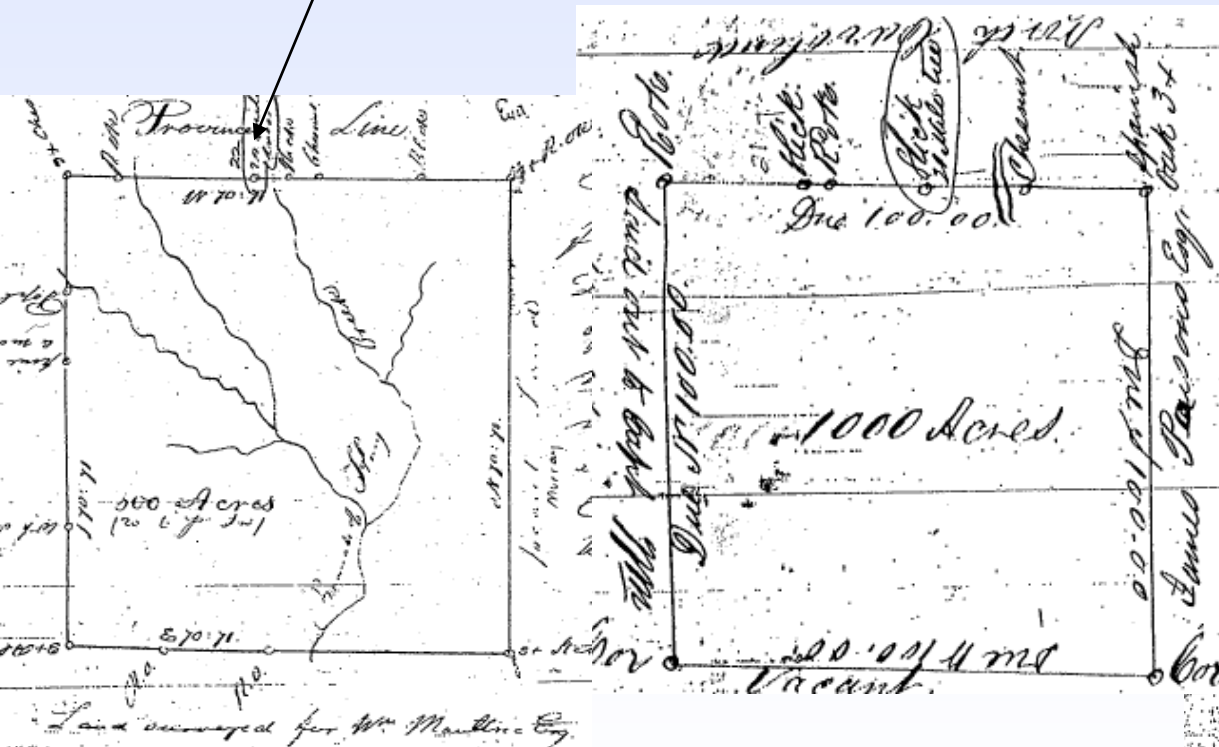


1772 Survey



Concurrent Boundary Surveys – Tree 19-22

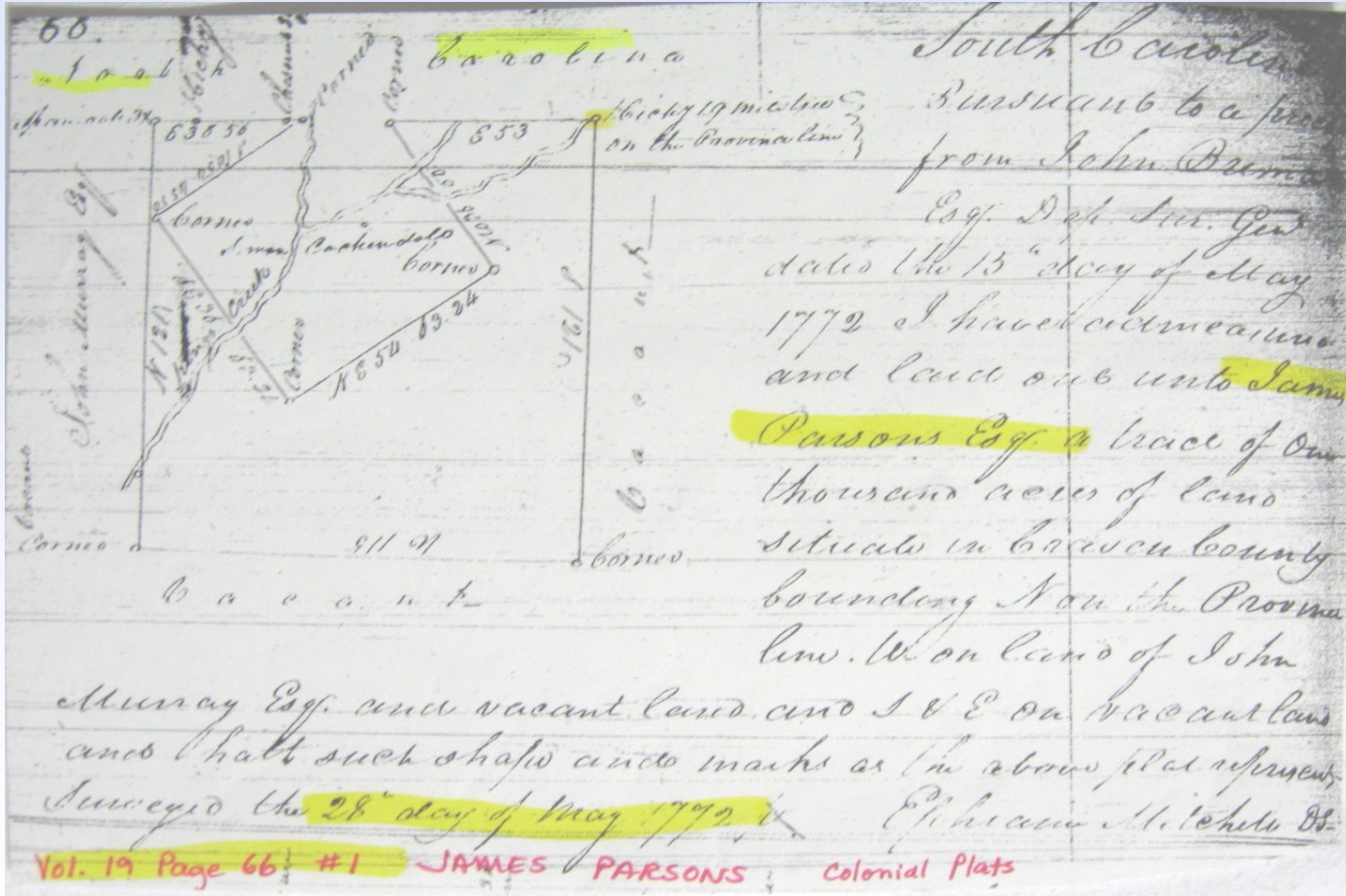
22 Mile Tree



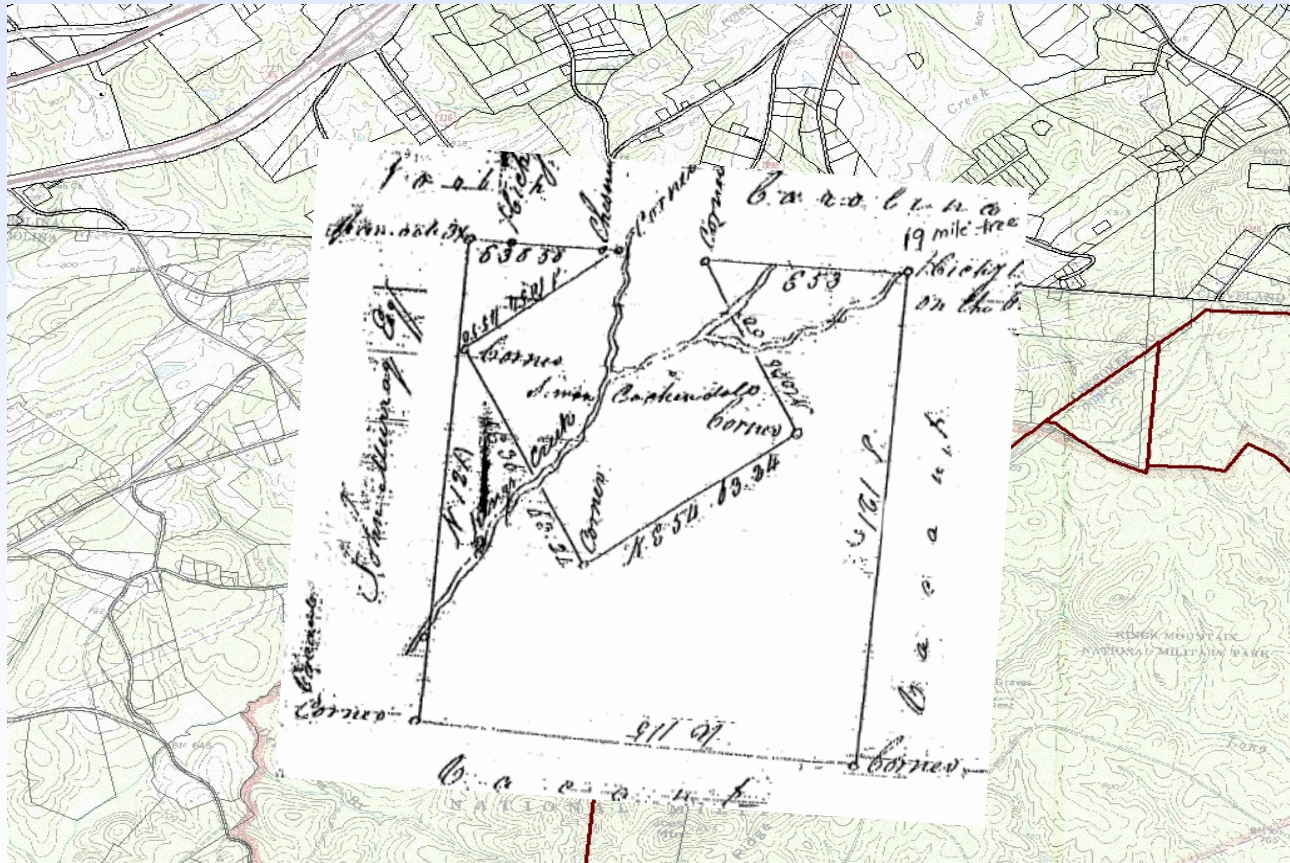
19 Mile Tree



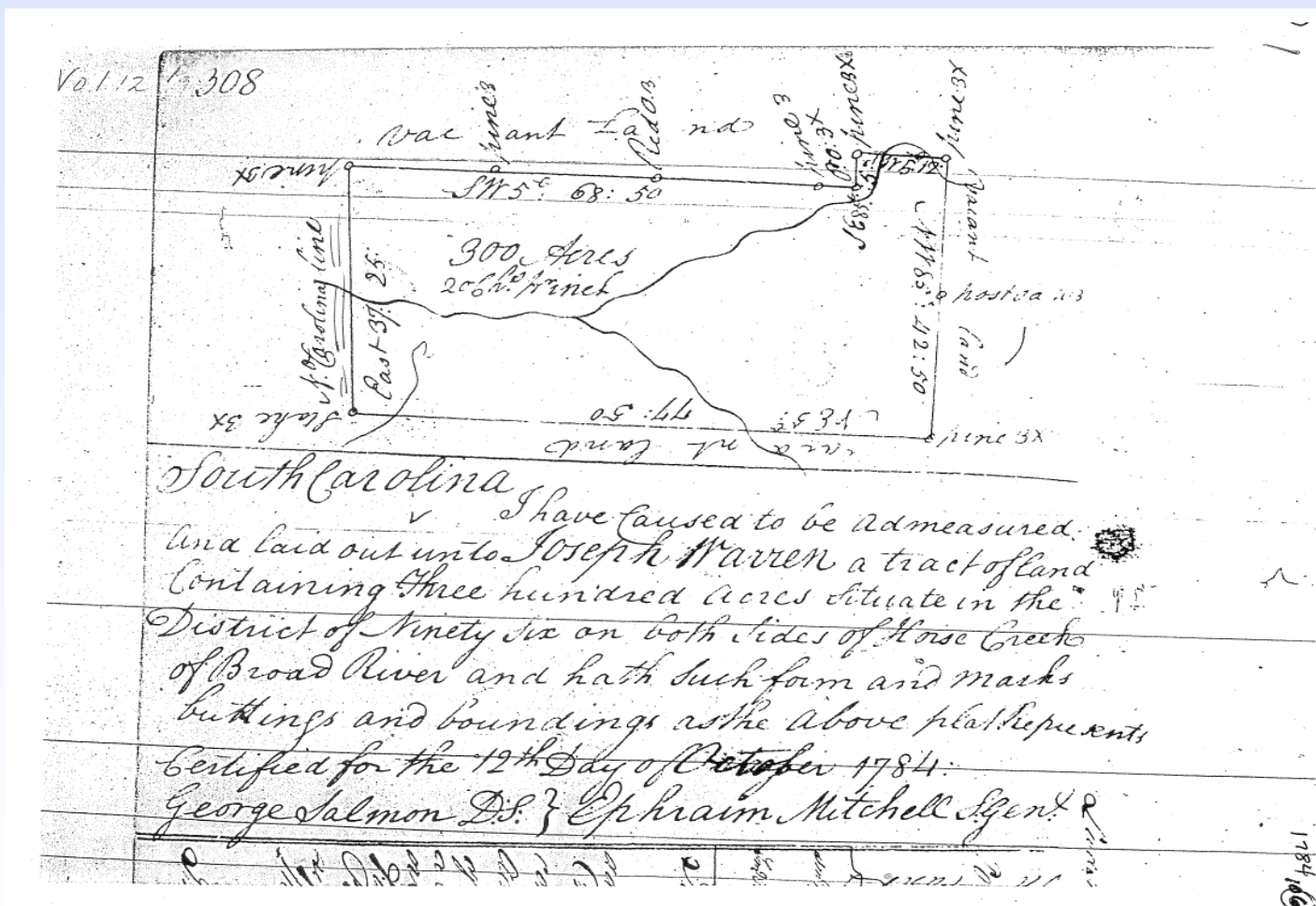
James Parsons – 19 Mile Tree



Linking Historical and Current



Joseph Warren – 44 Mile Tree



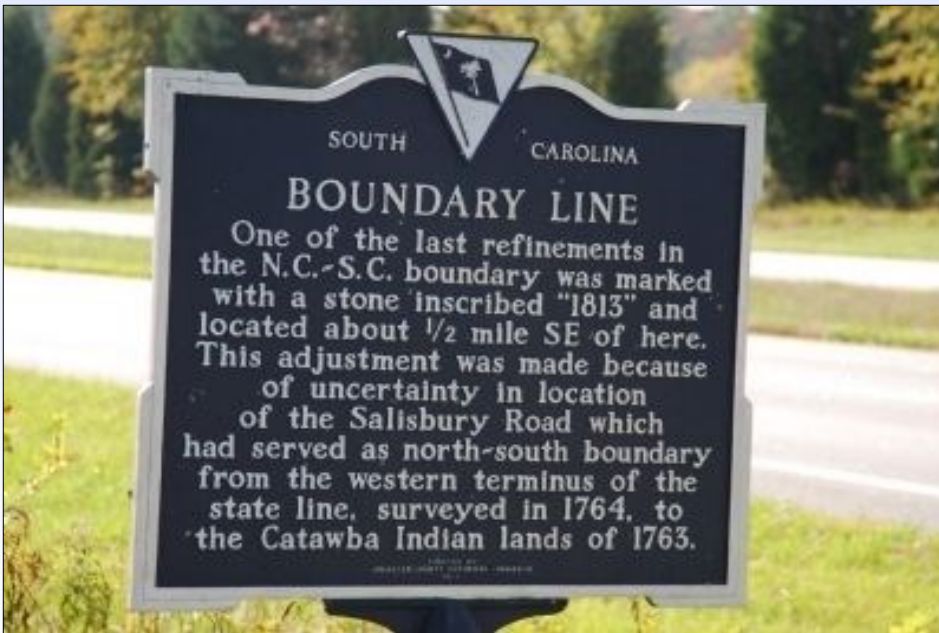
Linking Historical and Current



- **North Carolina/South Carolina boundary**

- **1813 survey**

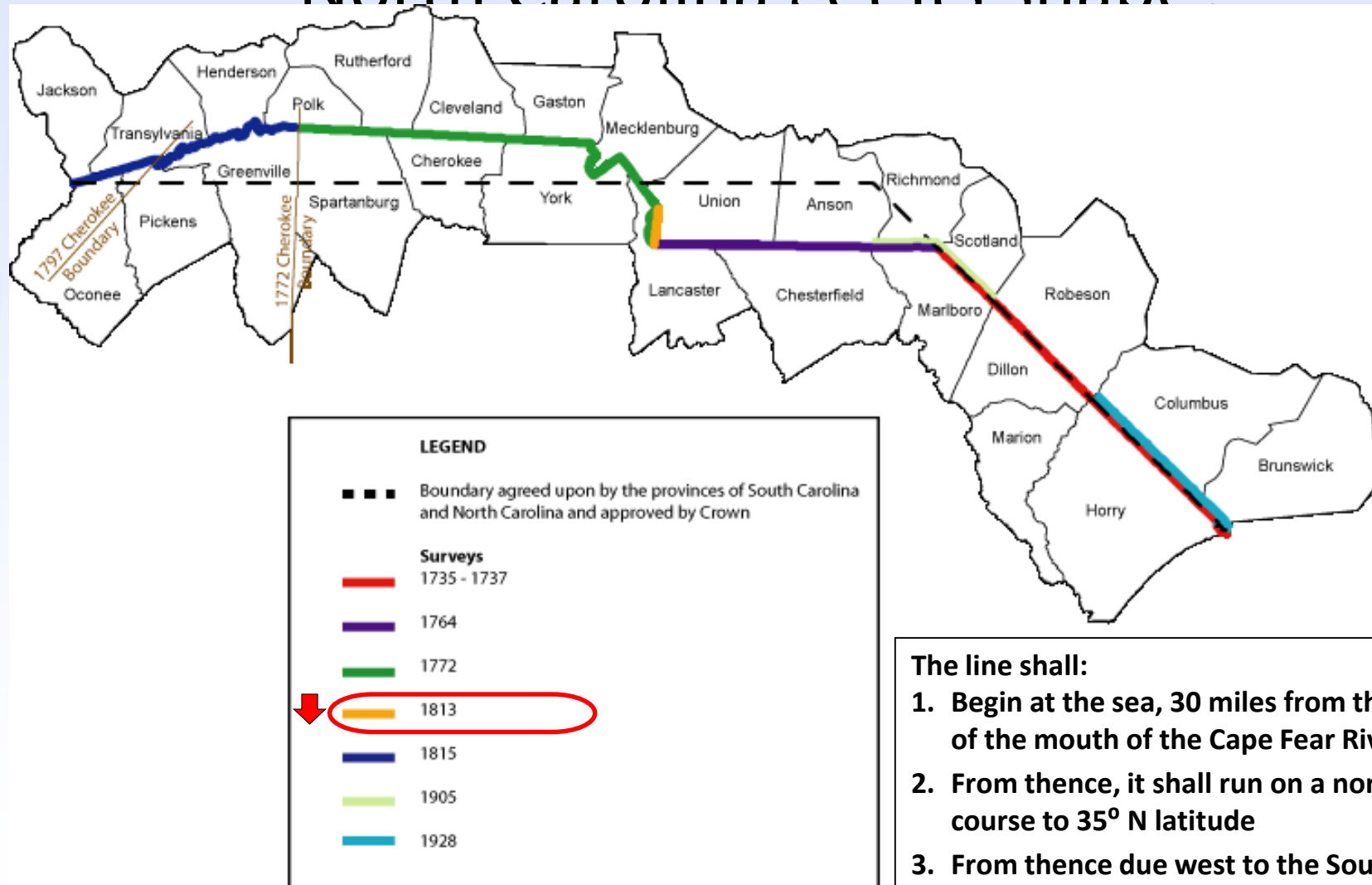
- Resurveyed the portion of the 1772 survey along Salisbury Road



<http://www.hmdb.org/marker.asp?marker=23789>

http://www.waymarking.com/waymarks/WM96FG_NC_SC_Boundary_Marker

How did North Carolina get its shape?



How did

North Carolina get its shape?

- **North Carolina/South Carolina boundary**

- **1815 survey**

- Proceeded from the terminus of the 1772 survey

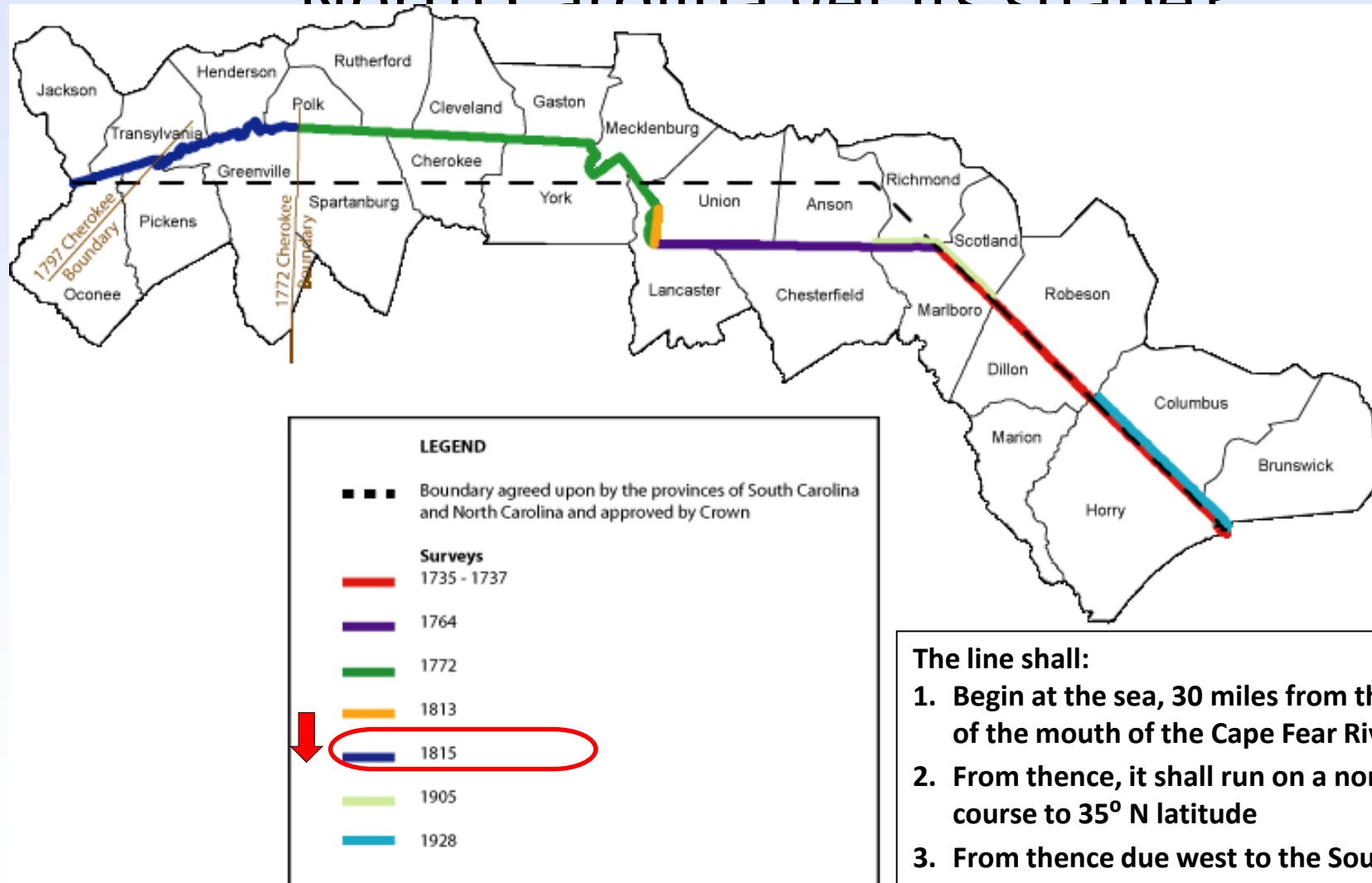


- Along a ridgeline separating two watersheds
- West-southwest to “Commissioners Rock”, which is a rock outcrop on the east bank of the Chattooga River that the NC & SC boundary commissioners had inscribed thinking that it was on the 35th parallel

Although Commissioners Rock is 493 ft north of the 35th parallel, it defines a tri-state/quad-county corner:

- **North Carolina:** Henderson and Transylvania counties
- **South Carolina:** Oconee County
- **Georgia:** Rabun County

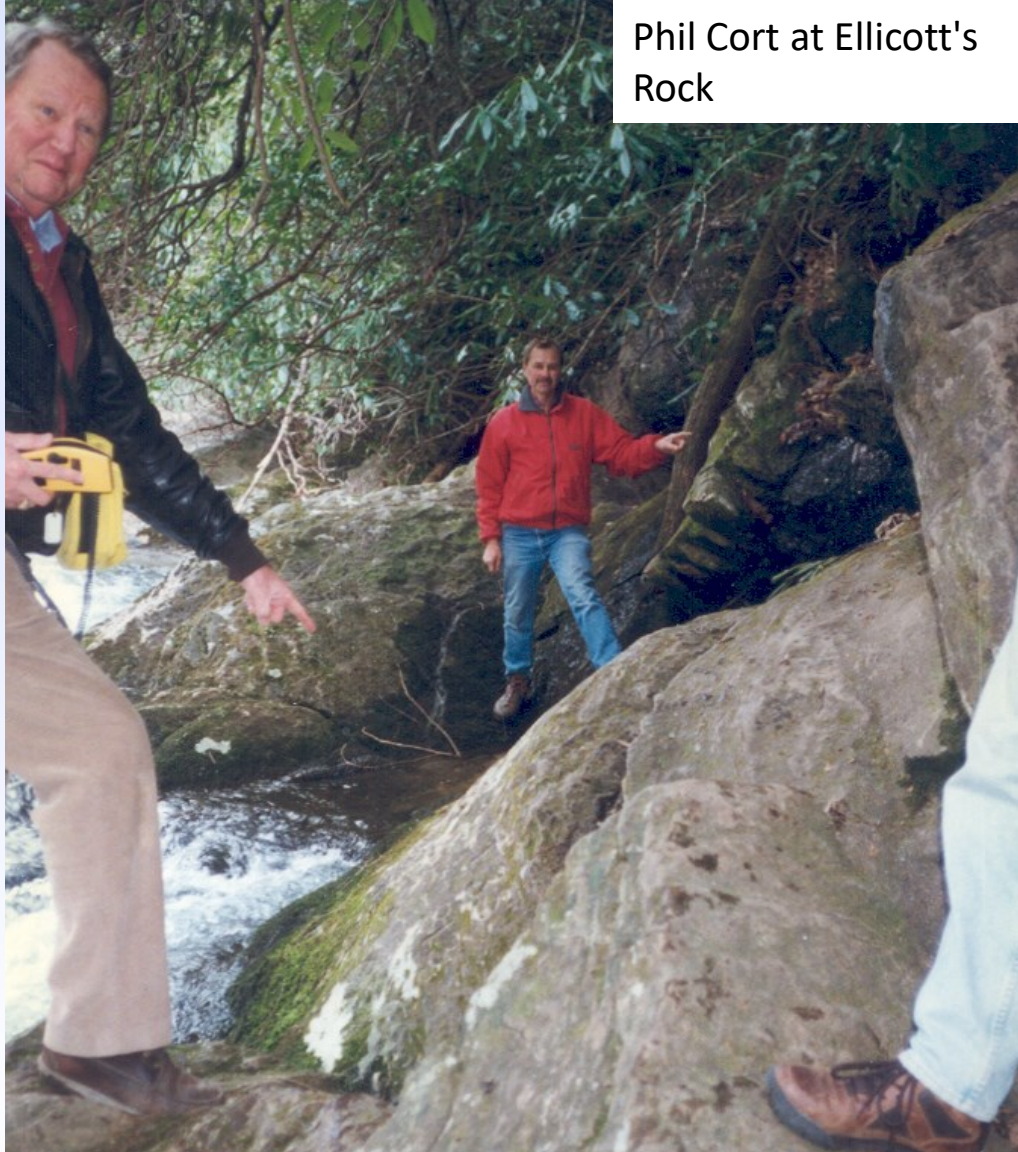
How did North Carolina get its shape?



Block House Stone



Phil Cort at Ellicott's
Rock



Sid Miller at Commissioner's
Rock





Ellicott's Rock?



Alex at the NC/SC stones

S C .

A . D . 1815

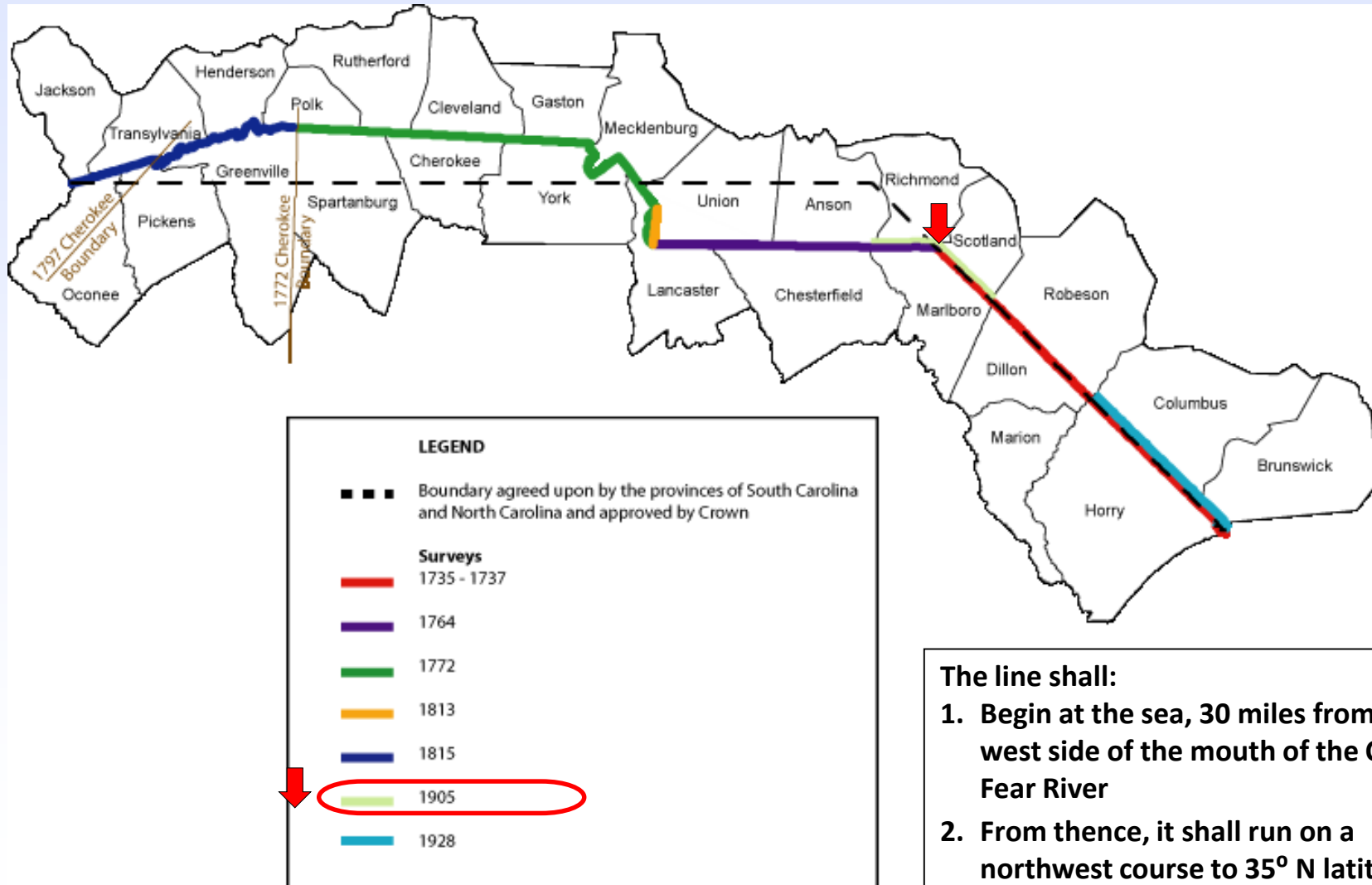
SC rock



NC

NC rock

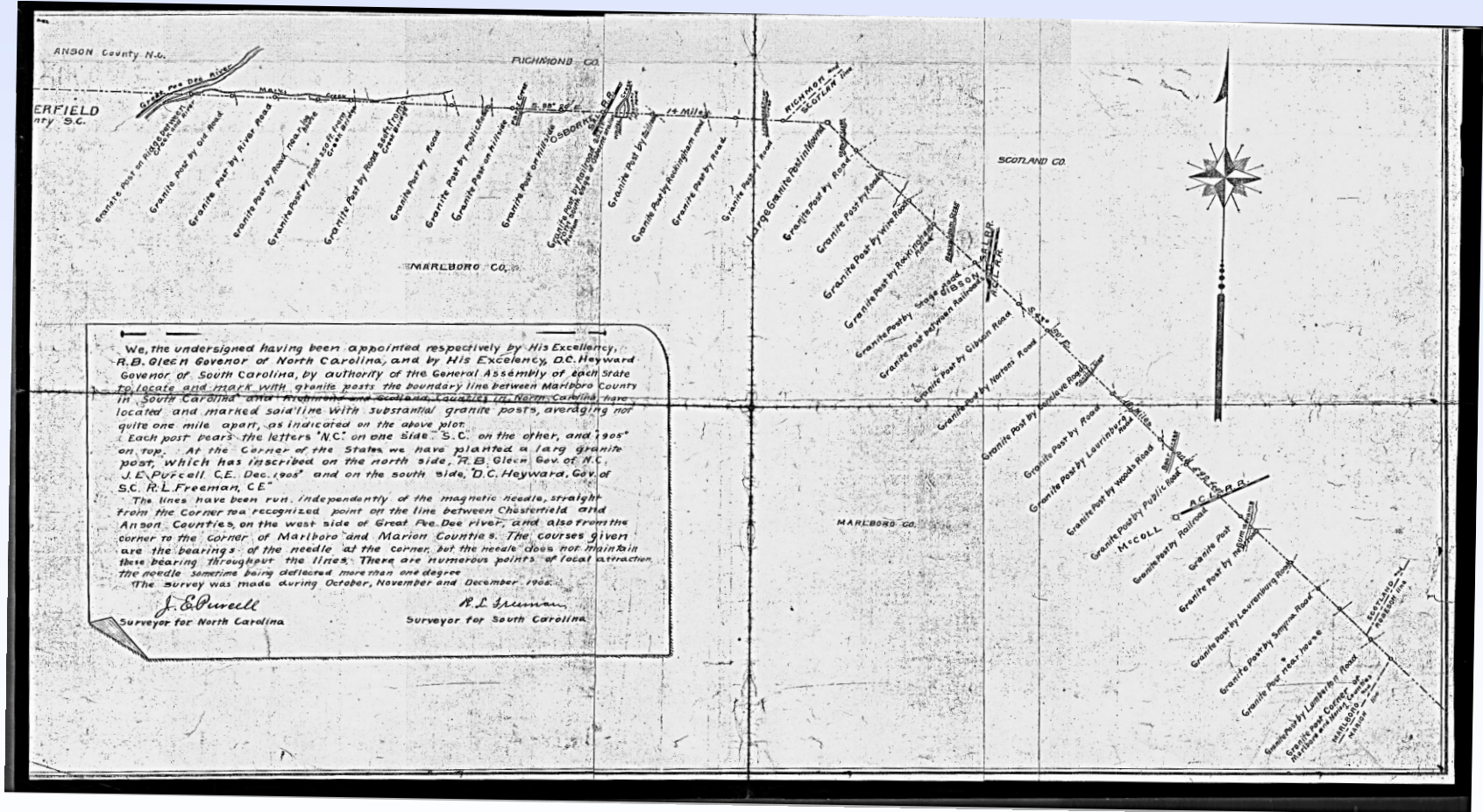
How did North Carolina get its shape?



The line shall:

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1905 SURVEY TO RE-ESTABLISH THE SC - NC BOUNDARY BETWEEN MARLBORO COUNTY, SC AND RICHMOND AND SCOTLAND COUNTIES, NC

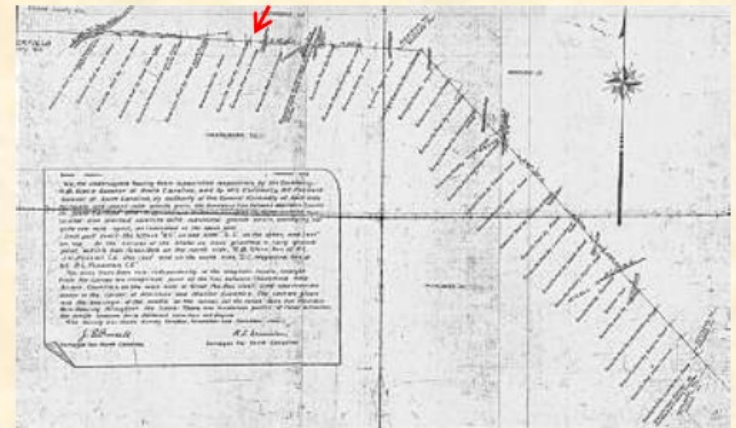


NC-SC Boundary 1905 Survey

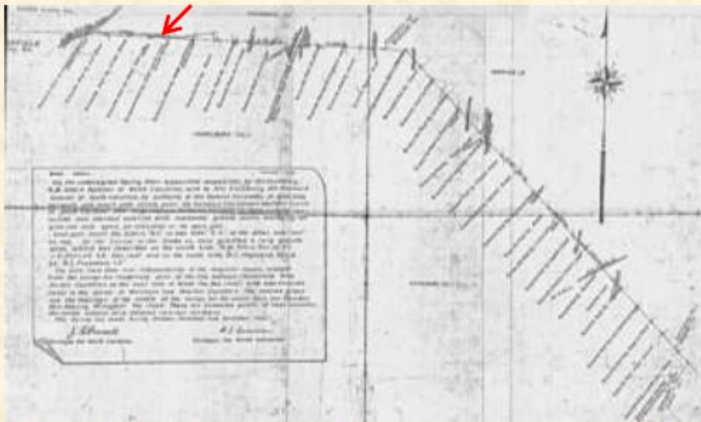


GRANITE POST BY PUBLIC ROAD

(BOUNDARY MONUMENT PLEASANT NC SC)



GRANITE POST BY ROAD 250 FT FROM CREEK BRIDGE (BOUNDARY MON TIMBER NC SC)

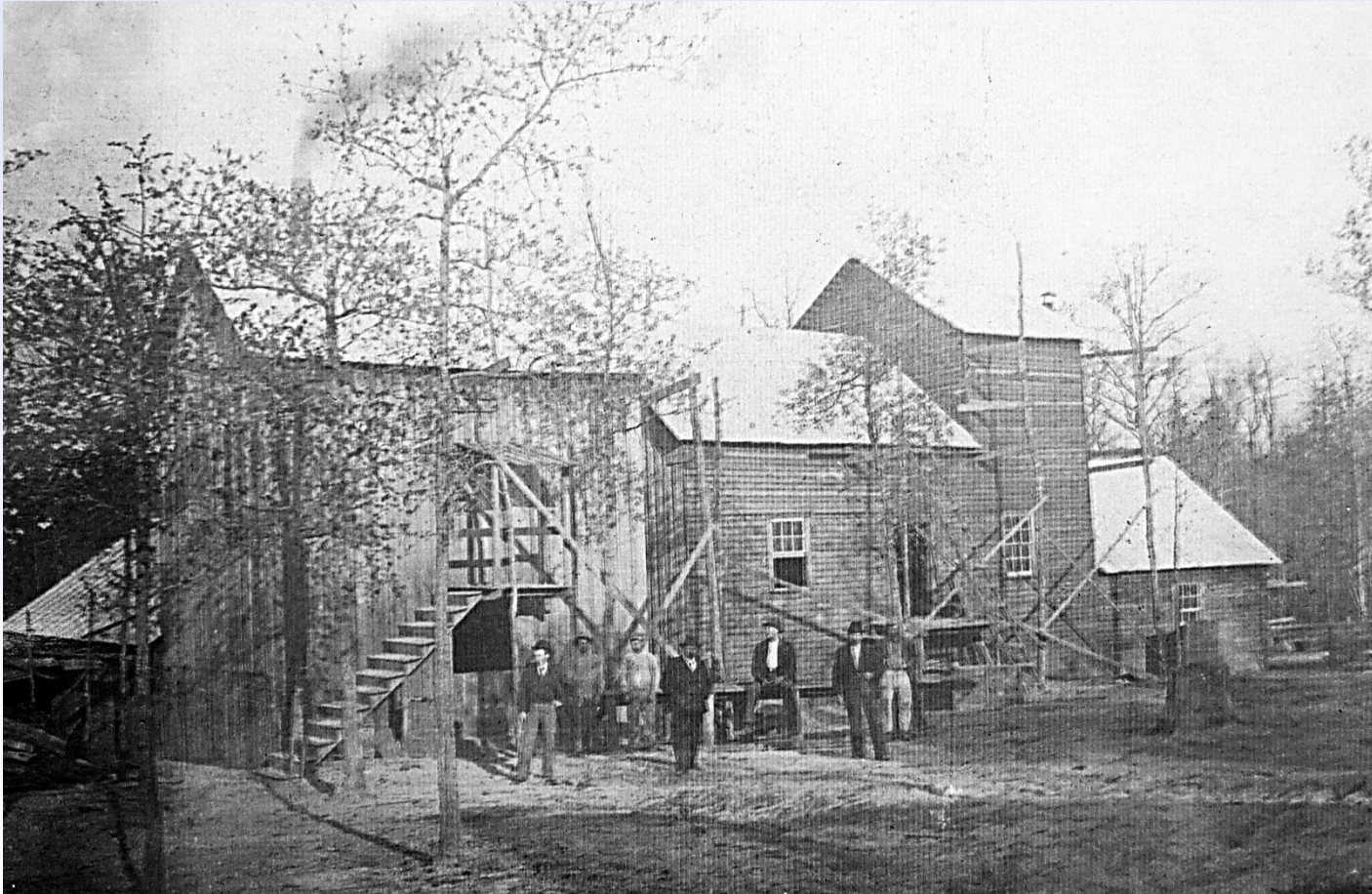


BEFORE TIMBERING



AFTER TIMBERING

LACKEY'S STILL MARLBORO COUNTY, SC

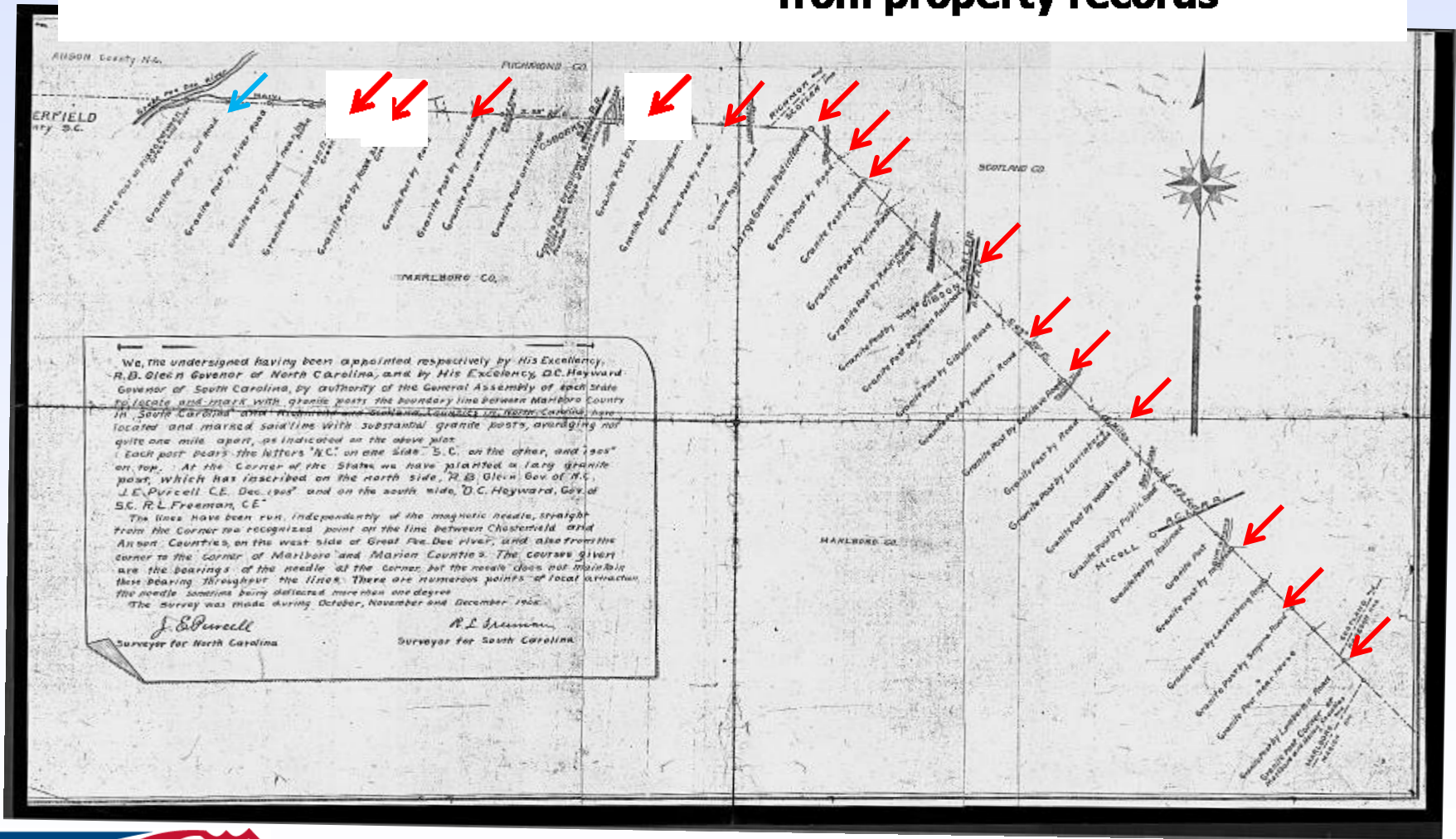




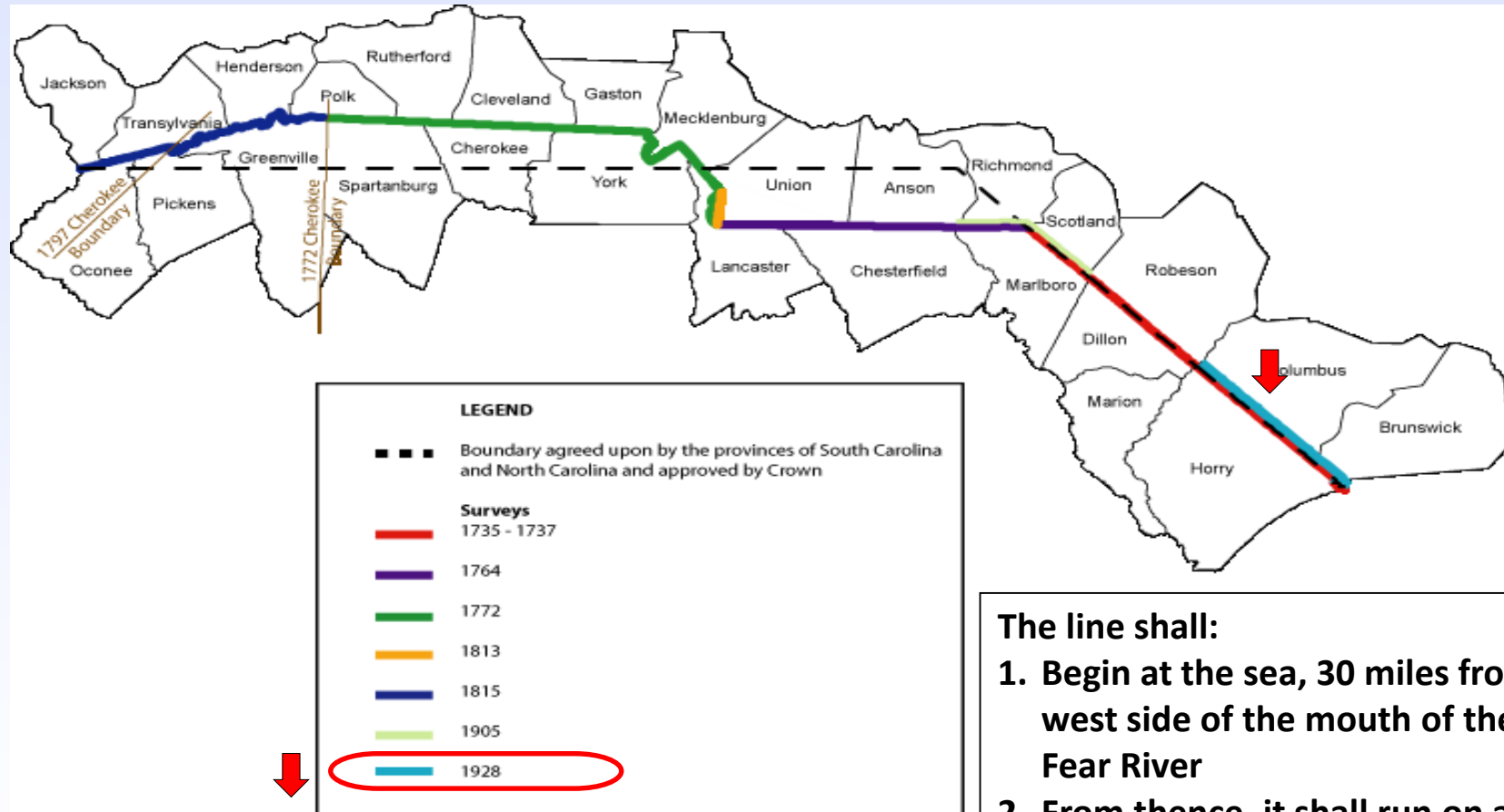
Recovered monument



Monument location calculated from property records



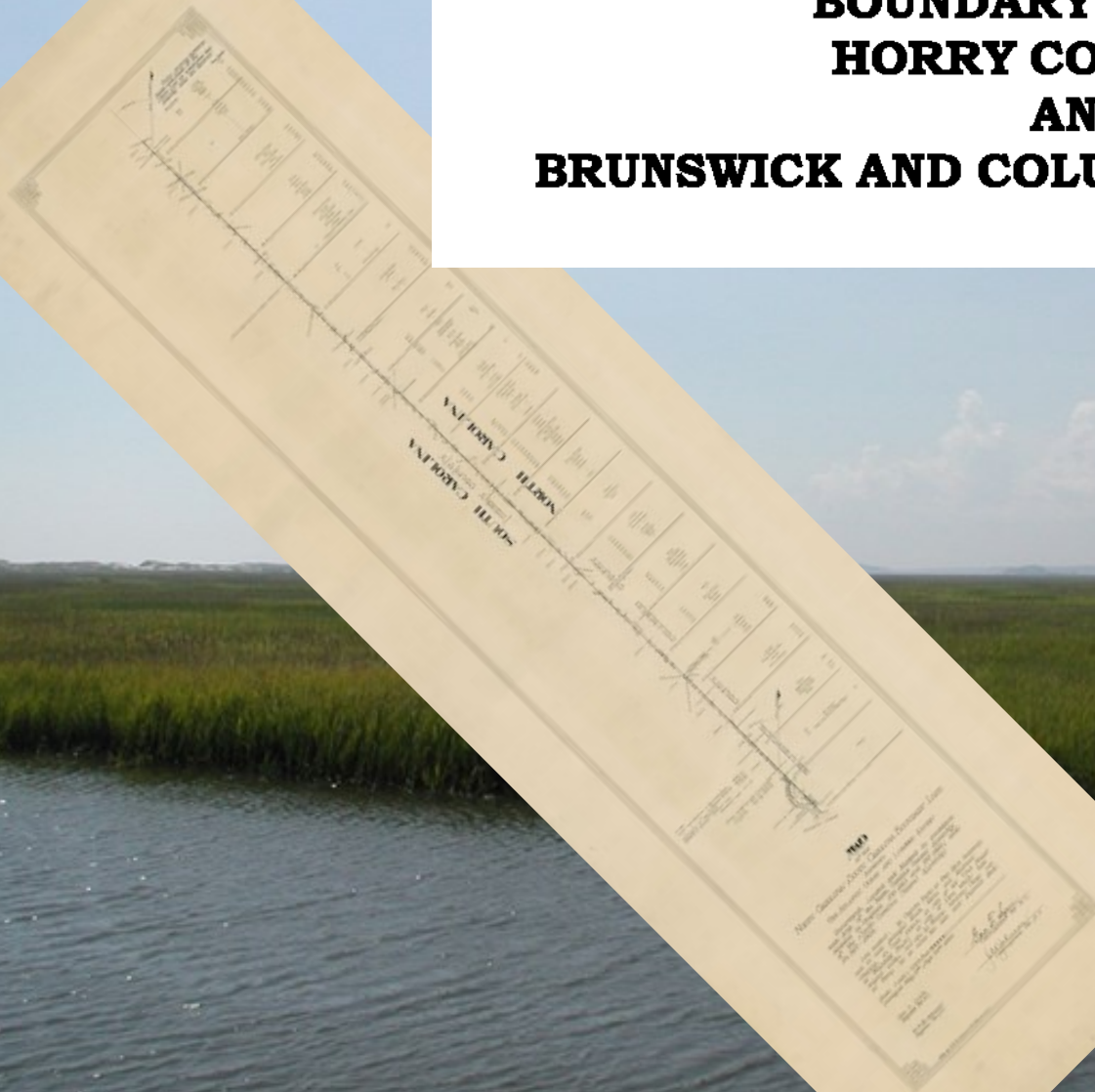
How did North Carolina get its shape?



The line shall:

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3. From thence due west to the South Seas

**1928 SURVEY TO RE-ESTABLISH THE SC – NC
BOUNDARY BETWEEN
HORRY COUNTY, SC
AND
BRUNSWICK AND COLUMBUS COUNTIES, NC**

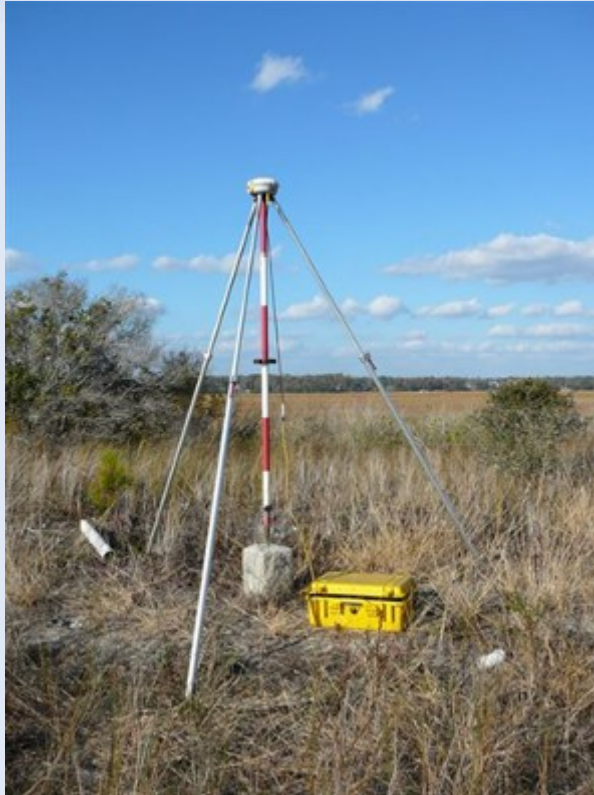




BOUNDARY MON BIRD ISLAND NC SC



GOAT ISLAND



BOUNDARY MON 1 GRANITE NC SC

**SOUTHEASTERMOST
1928 GRANITE MONUMENT**

MARSH BETWEEN GOAT ISLAND AND MAINLAND



BOUNDARY MON 2 GRANITE NC SC

GRANITE MONUMENTS SET AT TWO-MILE INTERVALS

6 MILE STONE



26 MILE STONE





**Mile 6 Monument
Reset at Original
Location**



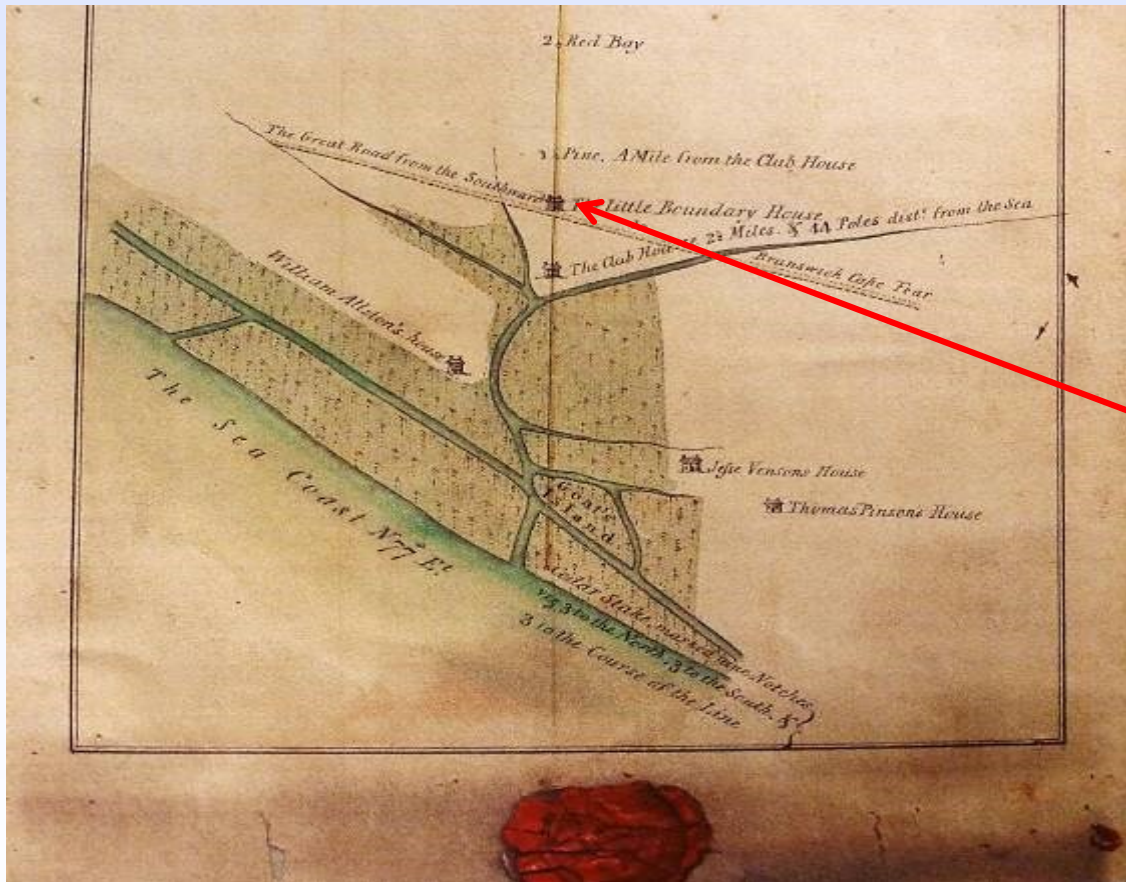
Mile 6 Monument

MONUMENT TO BE RESET ON SOUTH SIDE OF WACCAMAW RIVER





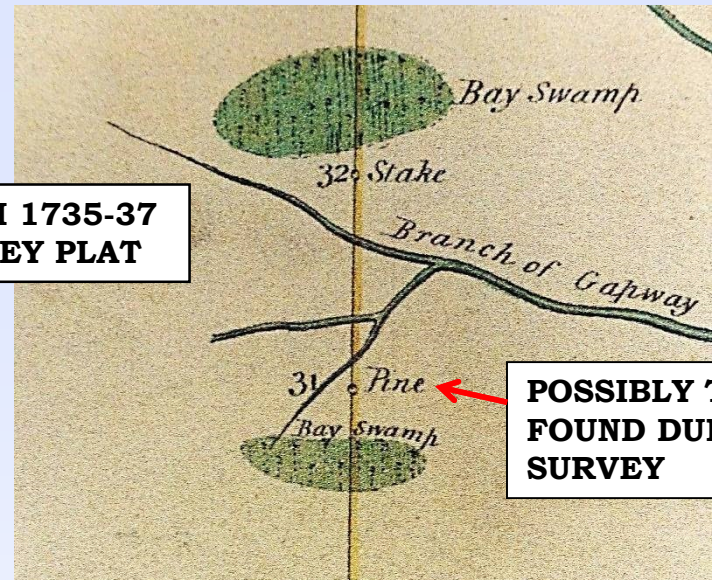
THE LITTLE BOUNDARY HOUSE



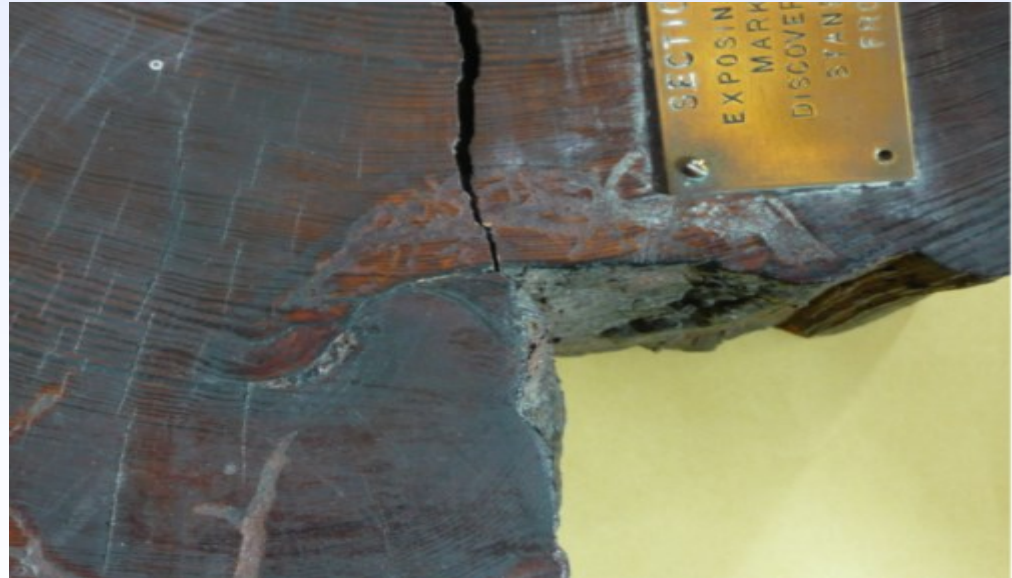
STONE REPLACING 1735 LONGLEAF PINE



FROM 1735-37
SURVEY PLAT



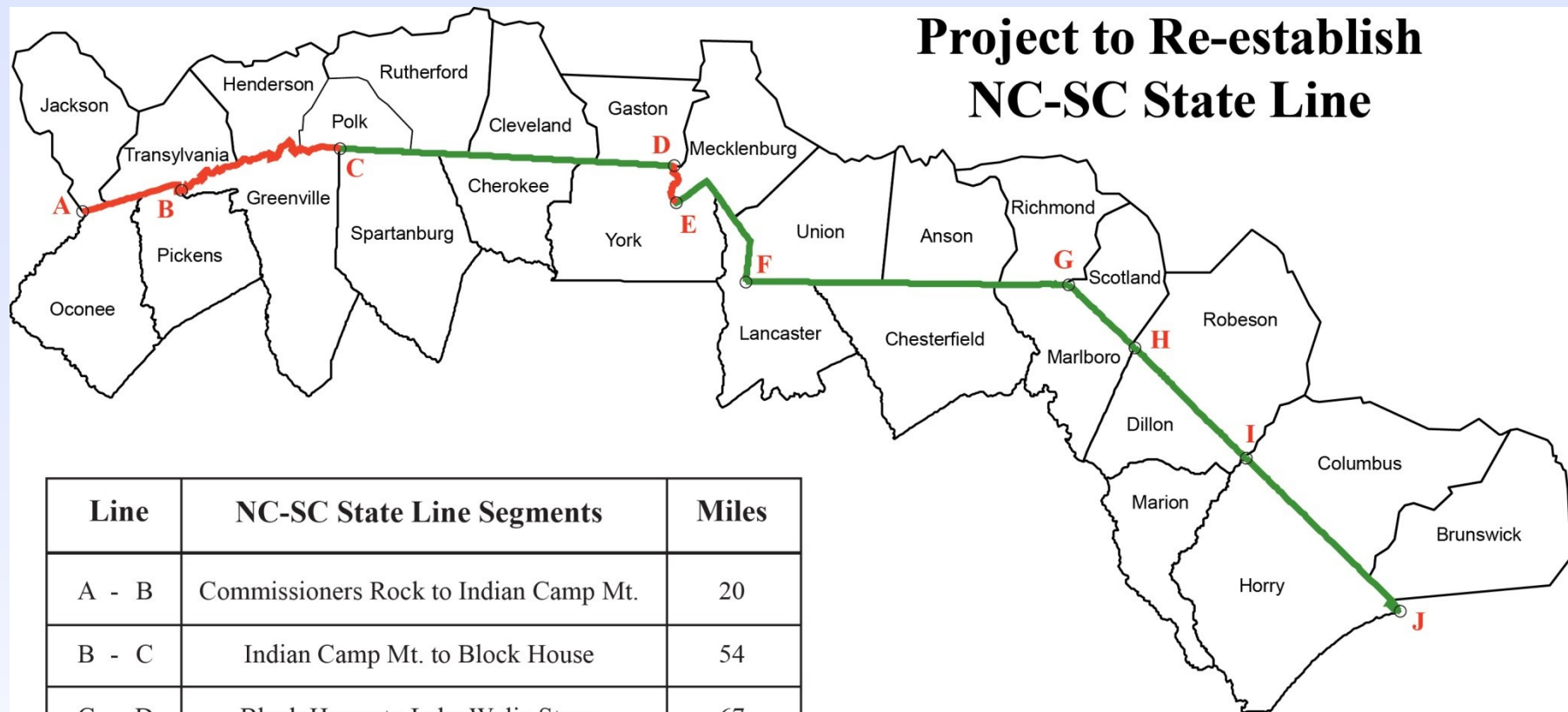
POSSIBLY THE PINE
FOUND DURING 1928
SURVEY



NORTHWEST ENDPOINT MONUMENT SOUTH BANK OF THE LUMBER RIVER



Project to Re-establish NC-SC State Line



Line	NC-SC State Line Segments	Miles
A - B	Commissioners Rock to Indian Camp Mt.	20
B - C	Indian Camp Mt. to Block House	54
C - D	Block House to Lake Wylie Stone	67
D - E	Center Line of Old Catawba River Bed	8
E - F	Lake Wylie to North Corner	30
F - G	North Corner to 1905 Marlboro County Break Point Monument	64
G - H	Marlboro County SE - NW Line	18
H - I	Dillon County Line	31
I - J	Horry County Line	42

Total 334 miles

May 6, 2013 Status

- Re-established boundary approved by the NC-SC Joint Boundary Commission 82 miles
- Re-established boundary tentatively approved by the NC-SC Joint Boundary Commission 252 miles

Chapter 141.

State Boundaries

§ 141-1. Governor to cause boundaries to be established and protected.

The Governor of North Carolina is hereby authorized to appoint two competent commissioners and a surveyor and a sufficient number of chainbearers, on the part of the State of North Carolina, to act with the commissioners or surveyors appointed or to be appointed by any of the contiguous states of Virginia, Tennessee, South Carolina, and Georgia, to return and remark, by some permanent monuments at convenient intervals, not greater than five miles, the boundary lines between this State and any of the said states.

The Governor is also authorized, whenever in his judgment it shall be deemed necessary to protect or establish the boundary lines between this State and any other state, to institute and prosecute in the name of the State of North Carolina any and all such actions, suits, or proceedings at law or in equity, and to direct the Attorney General or such other person as he may designate to conduct and prosecute such actions, suits, or proceedings. (1881, c. 347, s. 1; Code, s. 2289; 1889, c. 475, s. 1; Rev., s. 5315; 1909, c. 51, s. 1; C.S., s. 7396.)

§ 141-2. Payment of expenses of establishing boundaries.

When the line has been rerun and remarked as above provided between this State and any of the contiguous states, or such portion of said lines as shall be mutually agreed by the commissioners, the Governor is authorized to issue his warrant upon the State Treasurer for such portion of the expenses as shall fall to the share of this State. (1881, c. 347, s. 2; Code, s. 2290; 1889, c. 475, s. 2; Rev., s. 5316; C.S., s. 7397.)

§ 141-3. Appointment of arbitrators.

If any disagreement shall arise between the commissioners, the Governor of this State is hereby authorized to appoint arbitrators to act with similar officers to be appointed by the other states in the settlement of the exact boundary. (1881, c. 347, s. 3; Code, s. 2291; 1889, c. 475, s. 3; Rev., s. 5317; C.S., s. 7398.)

§ 141-4. Disagreement of arbitrators reported to General Assembly.

In case of any serious disagreement and inability on the part of the said arbitrators to agree upon said boundary, such fact shall be reported by the Governor to the next General Assembly for their action. (1881, c. 347, s. 4; Code, s. 2292; 1889, c. 475, s. 4; Rev., s. 5318; C.S., s. 7399.)

§ 141-5. Approval of survey.

When the commissioners shall have completed the survey, or so much as shall be necessary, they shall report the same to the Governor, who shall lay the same before the Council of State; and when the Governor and the Council of State shall have approved the same the Governor shall issue his proclamation, declaring said lines to be the true boundary line or lines, and the same shall be the true boundary line or lines between this and the states above referred to. (1881, c. 347, s. 5; Code, s. 2293; 1889, c. 475, s. 5; Rev., s. 5319; C.S., s. 7400.)

State of North Carolina



BEVERLY EAVES PERDUE
GOVERNOR

EXECUTIVE ORDER NO. 74

TO DECLARE BY PROCLAMATION THE TRUE BOUNDARY LINE BETWEEN THE STATE OF NORTH CAROLINA AND THE STATE OF SOUTH CAROLINA FROM TRANSYLVANIA COUNTY TO POLK COUNTY

WHEREAS, the Joint North Carolina/South Carolina Boundary Commission determined at its meeting on September 27, 2006, to establish the true boundary line between the states along the North Carolina counties of Henderson and Polk, and a portion of the county of Transylvania; and

WHEREAS, both states have undertaken the necessary steps to locate, survey, and resolve ambiguities in the "ridge line" survey and the boundary lines of North Carolina and South Carolina in the 1815 survey and the U.S. Geological Survey topographic maps, using the 1815 survey as a guide for the resurvey; and

WHEREAS, pursuant to N.C.G.S. § 141-5, the completion of the survey of the above-described boundary has been reported to the undersigned Governor Beverly Eaves Perdue and placed before and approved by the Council of State on November 2, 2010; and

WHEREAS, N.C.G.S. § 141-5 further requires that the Governor issue a Proclamation declaring the reported and approved survey line to be the true boundary of the State of North Carolina.

NOW, THEREFORE, by the power vested in me as Governor by the Constitution and laws of the State of North Carolina, **IT IS ORDERED:**

Section 1. Pursuant to the provisions of N.C.G.S. § 141-5, the true boundary line between the State of North Carolina and the State of South Carolina along the counties of Henderson and Polk and a portion of the county of Transylvania is hereby declared, by Proclamation, to be the surveyed line represented by the 39 plats of the completed survey captioned as the North Carolina/South Carolina Boundary, and described as follows:

From a point at latitude 35° 11' 46.41502" N. and longitude 082° 12' 57.37020" W., North American Datum 1983-86 (NAD 83-86) marked by a brass screw in a stone inscribed 'S.C. 1815' on one side and 'N.C., Sept 15' on the other; thence westward as



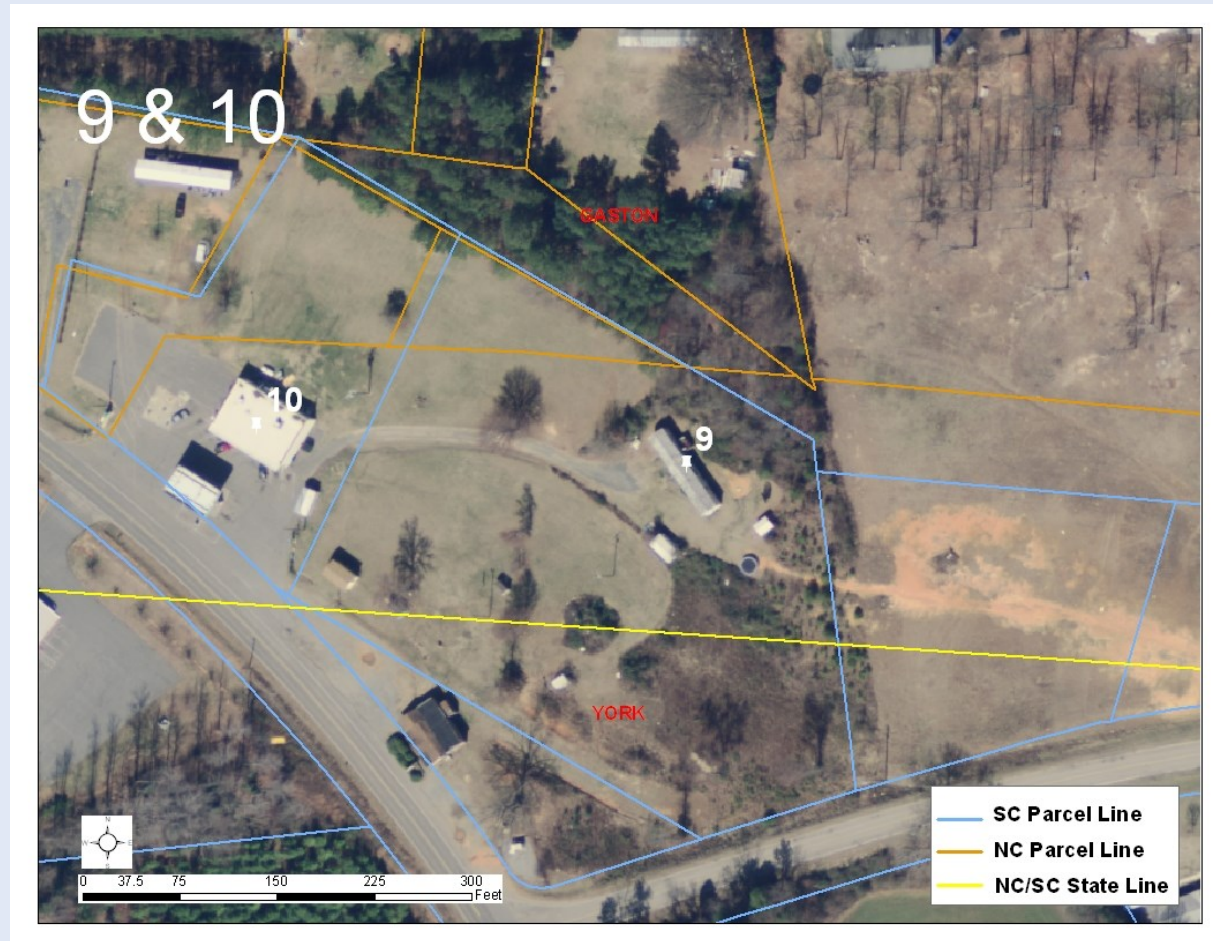
North Carolina Emergency Management



Impacted Properties



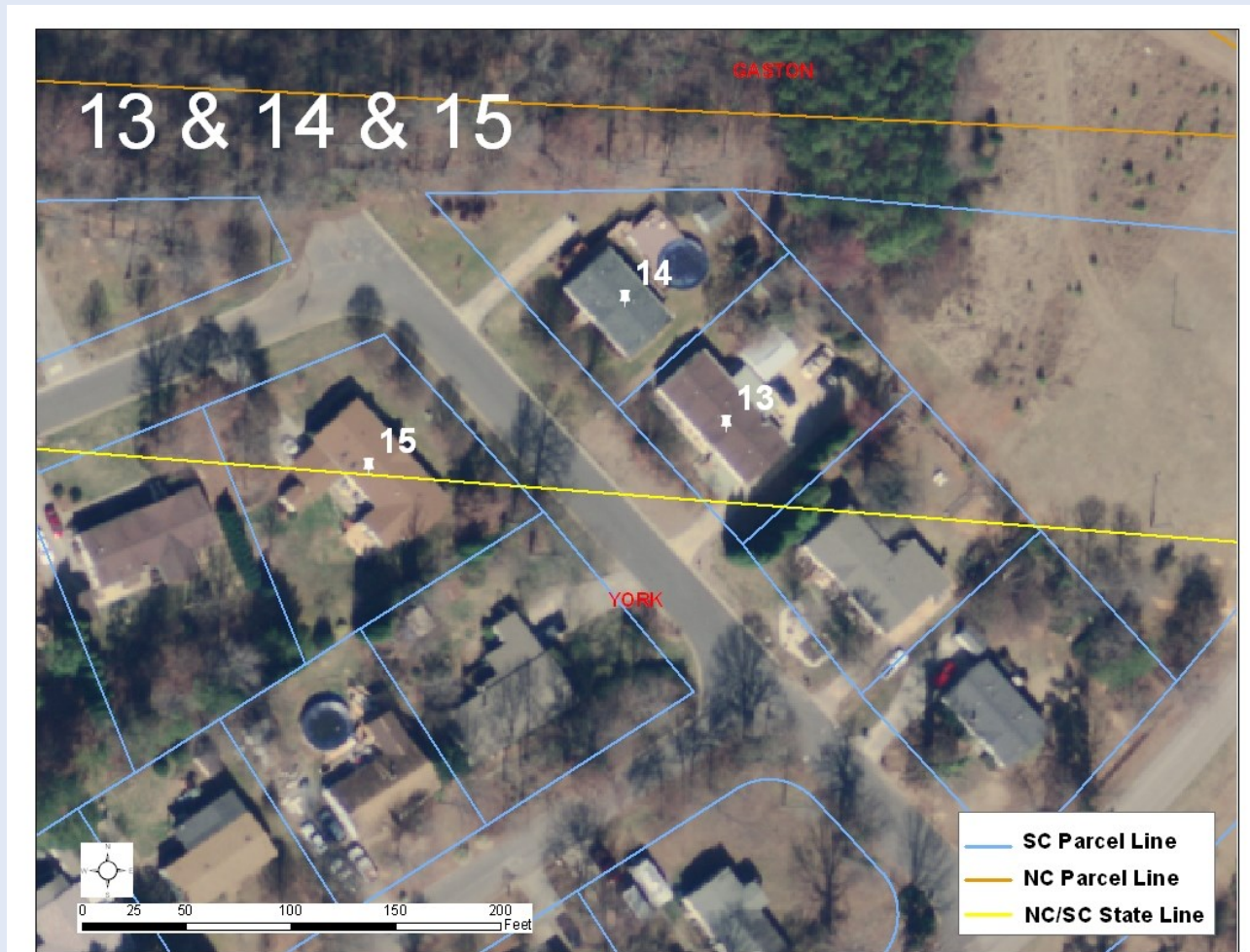
Impacted Properties



Impacted Properties



Impacted Properties



How did North Carolina get its shape?

- NC-SC boundary project completed
 - Plats recorded in all border counties
 - GIS data available from NCGS (watson.ross@ncdps.gov)
 - NC-SC boundary video



North Carolina Emergency Management

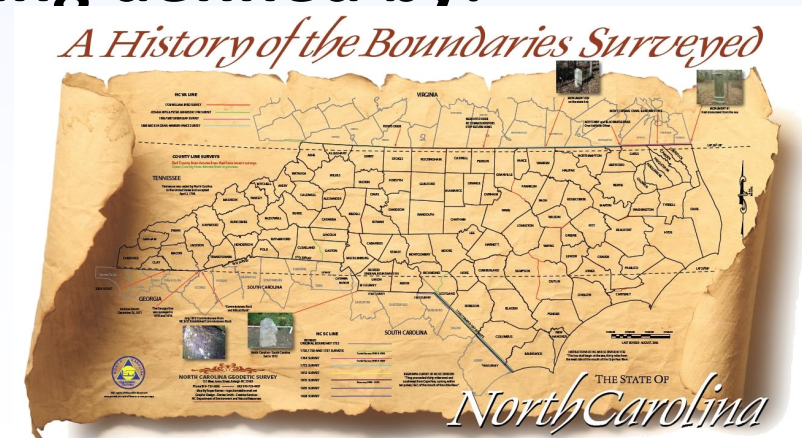


South of the Border



How did North Carolina get its shape?

- **Our state's unique shape is a combination of:**
 - Royal charter
 - Adverse field conditions
 - Reasons that may forever be unknown
- **Yet, its beauty comes from being defined by:**
 - Atlantic Ocean
 - Appalachian Mountains
 - Two elusive latitudes

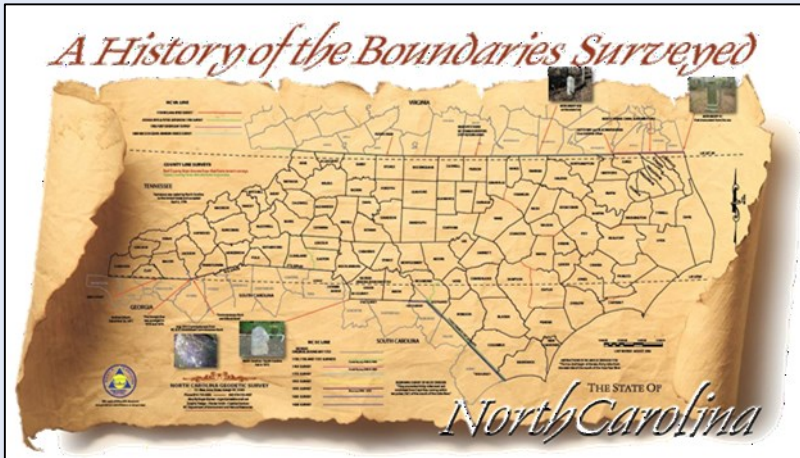


Questions?

Gary Thompson, PLS
NC Geodetic Survey
4105 Reedy Creek Road
Raleigh, NC 27607

Main office: 919-733-3836
Direct line: 919-948-7844

gary.thompson@ncdps.gov



North Carolina Emergency Management

