



LAURENS-NEWBERRY COUNTY BOUNDARY RE-ESTABLISHMENT

WE WILL START PROMPTLY AT 6:00PM



**David Ballard, PLS
Revenue and Fiscal Affairs
SC Geodetic Survey**



LAURENS-NEWBERRY COUNTY BOUNDARY RE-ESTABLISHMENT



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Overview

- Reason for boundary clarification
- Why is the SC Geodetic Survey the chosen agency
- The requirements and duties of the SC Geodetic Survey
- Explanation of our methods
- Boundary clarification procedure
- Legal process for individuals disagreeing with SCGS findings
- Statutory description of county boundary
- Research and findings
- Monumentation and Survey
- Conclusion



The Reason...

- Passage of time and growth has led to confusion over statutory county descriptions and the locations of county boundary lines
- Exact and precise locations and boundaries of state's political subdivisions are critical for services, enforcement of property rights and election of public officials.
- Necessary for state government and political subdivisions
- Technology exists now to cost-effectively provide definite and permanent markers of boundary lines



Why the SC Geodetic Survey?

- Over the last 30+ years, the South Carolina Geodetic Survey has worked with South Carolina counties to help resolve some of the ambiguities present in the current Code of Law
- SC Geodetic Survey was also used in the clarification of the NC/SC boundary
- In the early 90's Greenville and Spartanburg counties asked the Geodetic Survey to help them work out the location of their Statutory Boundary. Their boundary was clarified and placed into law.
- After it's completion the General Assembly decided to enact legislation assigning the SC Geodetic Survey as the mediator to resolve disputes between counties.



The duties of the SC Geodetic Survey (SCGS) with respect to determining county boundaries

SC Code of Laws §27-2-105

Act No. 262 of 2014

- (1994) Dispute between two or more counties- SCGS will act as mediator to resolve the dispute
- (1994/2014) SCGS to assist counties in defining and monumenting the locations of county boundaries and positioning the monuments using geodetic surveys where counties are ill-defined, unmarked, or poorly marked
- (2014) SCGS will clarify county boundaries as defined in Chapter 3, Title 4
- (2014) SCGS will analyze archival and other evidence and perform field surveys to position geographically all county boundaries in accordance with statutory descriptions
- (2014) To amend section 27-2-105, Code of Laws of South Carolina, 1976, relating to the duties of the South Carolina Geodetic Survey (SCGS) with respect to determining county boundaries, so as to authorize and direct the SCGS to clarify county boundaries and mediate boundary disputes between counties by providing a procedure allowing the SCGS administratively to adjust county boundaries, to provide the procedures including notice that SCGS must follow in making such adjustments, to provide that affected parties may appeal these adjustments to the Administrative Law Court in a de novo hearing, to provide the method of determining the effective date of these administrative county boundary adjustments and the notice requirements for these adjustments to be effective and to provide that nothing contained in this administrative process restricts the authority of the General Assembly by legislative enactment to adjust or otherwise clarify county boundaries by legislative enactment.



MONUMENTS

VS

MONUMENTS



Geodetic Surveys & Common Geographic Coordinate Systems

Why we use them for boundary surveys.

Date & Time: Mon, Dec 20, 2021, 15:48:53 EST
Position: +034.282802° / -081.900583° / +218.3
Altitude: 577ft (±105.0ft)
Datum: WGS-84
Azimuth/Bearing: 271° N89W 4818mils True
Elevation Angle: -28.2°
Horizon Angle: -02.2°
Zoom: 0.5X

Date & Time: Tue, Dec 14, 2021, 09:22:53 EST
Position: +034.500565° / -081.672354° / +17.5ft
Altitude: 452ft (±7.8ft)
Datum: WGS-84
Azimuth/Bearing: 282° N78W 5013mils True (±23°)
Elevation Angle: -11.9°
Horizon Angle: +00.5°
Zoom: 0.5X

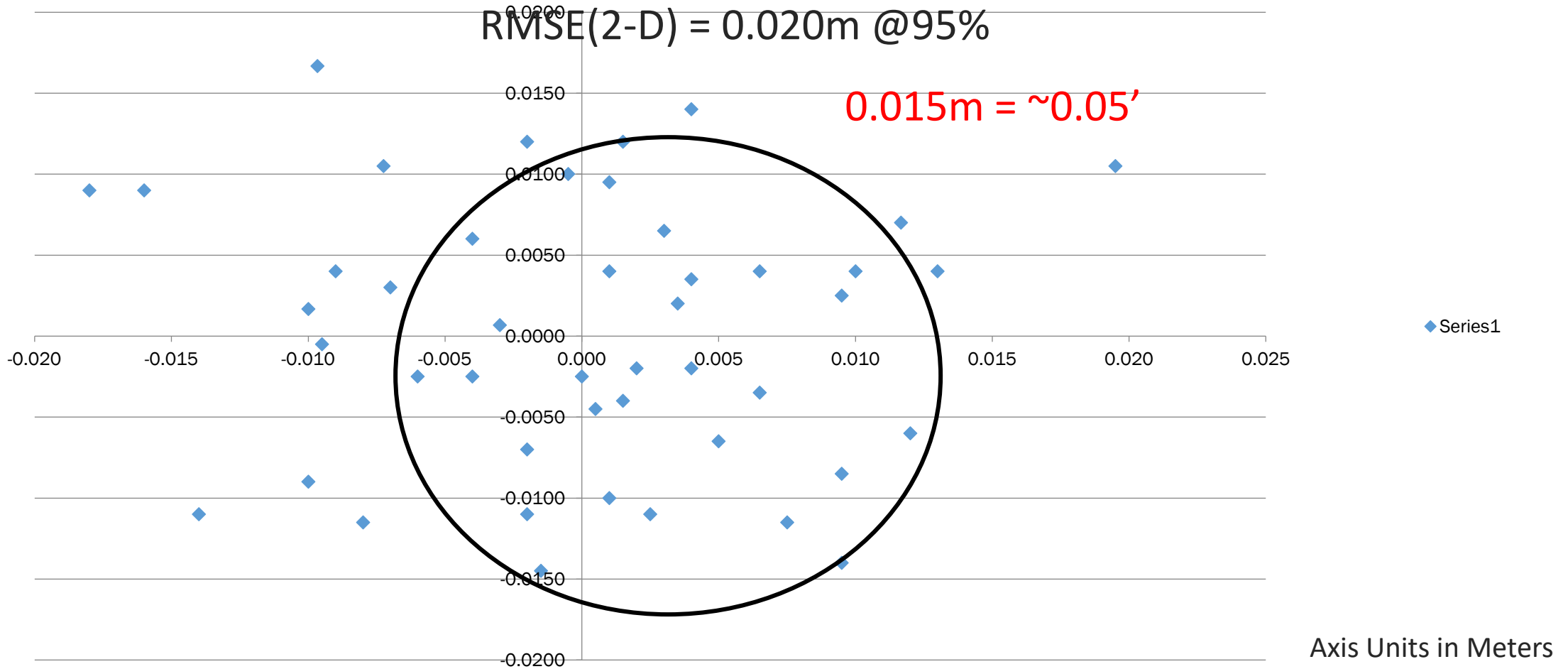
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Fig. 103.2

Fig. 110.2



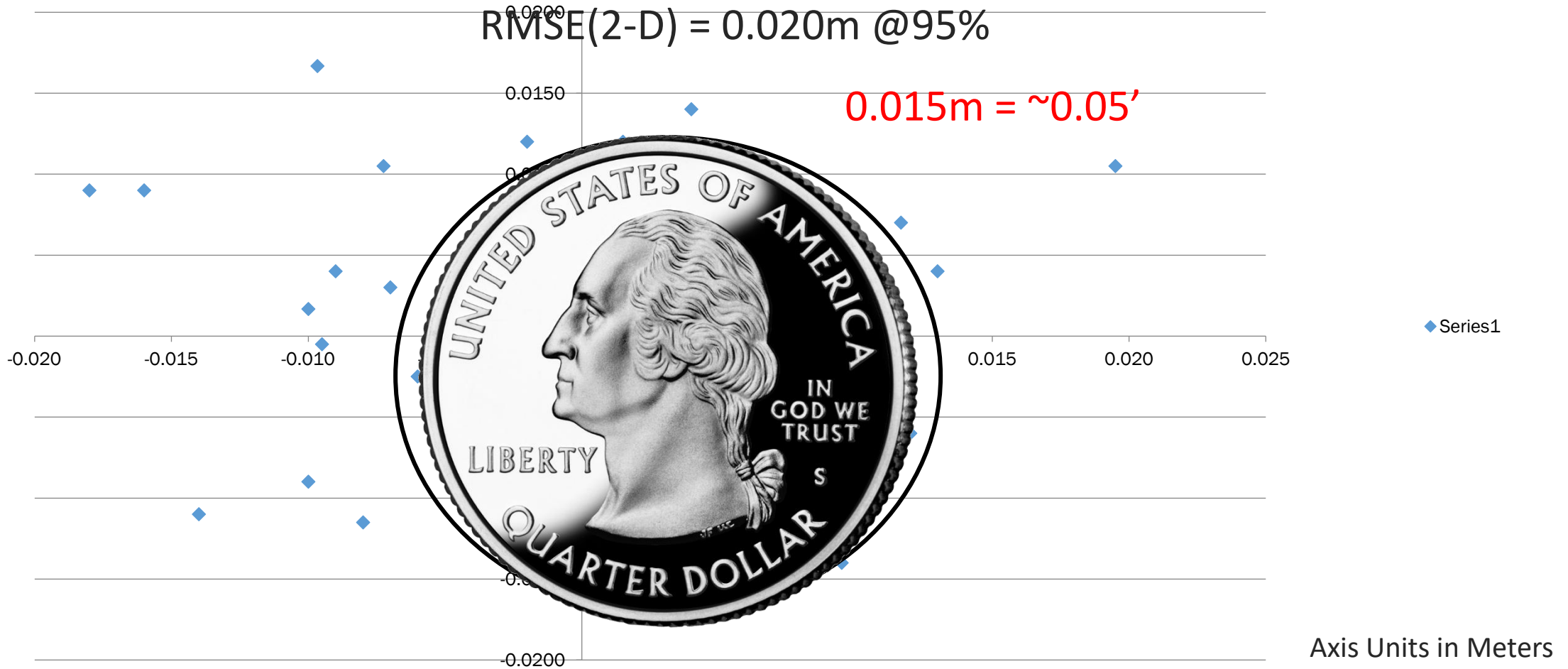
Scatter Gram of Differences Between Observations

2 - Five Minute Sessions



Scatter Gram of Differences Between Observations

2 - Five Minute Sessions



Steps for Clarifying Boundaries

SC Code of Law SECTION 27-2-105

Requirements of SCGS:

- Upon reestablishing county boundary, SCGS shall certify its work and within 30 days of certification:
 - Provide copies to the administrator of each affected county;
 - Provide written notification to affected parties
 - Provide notice and copies to the public through its official website and or other means it considers appropriate; and
 - Notify as it determines appropriate, other affected state and federal agencies
- (Initiates 60 Day Appeal Process)
- Certified Surveys submitted to Secretary of State, Register of Deeds Offices, and South Carolina Department of Archives with Cover Letter
- Date of the cover letter is the date the surveys become effective
- Introduce Legislation to update Code of Law to reflect clarified boundary with State Plane Coordinates

SCGS Steps for Clarifying Boundaries

- Notify County Administrators in advance of planned work
- Conduct historical research for documentary evidence of boundaries
- Perform field work to locate monuments and corroborating evidence and position on State Plane Coordinates
- Share findings with county officials for impact analysis and to plan public meetings*
- Hold public meeting
- Receive feedback and input from local officials and public
- Review and update findings, as appropriate
- Certify plats*
- Send out mailings to affected parties along boundary*
- 60day appeals window*
- Record/File plats*



SC Code of Law SECTION 27-2-105

- **Affected Parties Disagreeing with SCGS:**

- May file request for a contested case hearing with the SC Administrative Law Court
- This decision may be appealed

- **“Affected Party”**

- Governing body of an affected county
- Governing body of a political subdivision of this State
- An elected official, other than a statewide elected official
- A property owner or an individual residing in the certification zone
- A business entity located in the certification zone
- A nonresident individual who owns or leases real property situated in the certification zone

Title 4, Chapter 5

- **Change of Boundaries**

- **S.C. Code § 4-5-120: Procedure for annexing part of county-** governing body or 10 percent of registered voters petition in writing, shall deposit with the clerk of court an amount of money sufficient to cover the expenses of surveys , plats, annexation commission and the election to be held to determine whether the proposed annexation shall be effected and then file such resolution or petition in the office of the clerk of court
- **S.C. Code § 4-5-130: Appointment of Commission for annexation-** once presented to the governor then within 30 days the governor shall appoint a commission of four persons
- **S.C. Code § 4-5-140: Employment of Surveyors-** commission may contract for survey and location of the proposed change of line and for such purpose may employ 3 surveyors
- **S.C. Code § 4-5-170: Governor shall order election; voting place; eligible electors-** to be held in an area sought to be transferred and an election to be held in the county to which the area is proposed to be transferred
- **Propose and adopt Legislation**



Public Meeting Notification (Example)



SOUTH CAROLINA
REVENUE AND FISCAL AFFAIRS OFFICE

EDWARD B. GRIMBALL, Chairman
C. CURTIS HUTTO
G. MICHAEL MIKOTA, Ph.D.

FRANK A. RAINWATER
Executive Director

February 17, 2023

Re: *Re-establishment of the Laurens-Newberry County Boundary*

Dear Sir or Madam,

The S.C. Geodetic Survey (SCGS), a section within the S.C. Revenue and Fiscal Affairs Office, has begun a systematic program to re-establish South Carolina's county boundaries. As part of this initiative, the Laurens-Newberry County boundary is one of the projects that has been clarified and re-established to properly reflect the description in state law.

The purpose of this letter is to officially notify you that our office has clarified the statutory boundary between these counties and we will be presenting the survey and information at a public meeting. The meeting will be held in-person and broadcast virtually on Wednesday March 29th at 6:00pm; See Detail Included with this Letter for Meeting Information. Information about this project can be found on the SCGS website at: <https://rfa.sc.gov/programs-services/geodetic/county/laurens-newberry>. If you own several parcels along the clarified boundary, you may receive a letter from our agency for each separate parcel.

The goal of this process is to provide correct information for the proper administration of government. Our office is committed to accurately determining the location of the statutory boundary as defined in South Carolina law, positioning found monuments, marking the boundary with proper/additional monuments, and referencing it to geographic coordinates to better preserve the integrity and accuracy of the boundary.

This determination, which identifies the location of the county boundary pursuant to Chapter 3, Title 4 of the South Carolina Code of Laws, follows extensive research, fieldwork, together with conversations and meetings involving our office and local officials over the past several months. The role of SCGS is, in this instance, to clear up any uncertainty about the location of statutory county boundaries that are poorly marked or ill-defined. Should you have historical or legal information that conflicts with the location of the clarified county boundary, you have a right, as explained further, to appeal and contest the determination by SCGS.

You will receive additional notice when the plat of boundary is certified and pursuant to Section 27-2-105 of the S.C. Code of Laws, you may appeal the determination of the clarified boundary as described in the certified plat within 60 days of notification. The appeal must be made to the S.C. Administrative Law Court by filing a "Request for Contested Case Hearing" form and paying the appropriate filing fee. In your appeal, please include a copy of the certified plat and any evidence to refute the findings in the re-establishment survey. Please understand that the issue here is the location of the boundary line which has been identified according to the applicable state statutes describing the boundary. If there are issues relating to zoning, planning, school attendance and taxes, you will need to contact and work with the appropriate county government.

For your information, we have enclosed an aerial photograph showing your property, the parcel (property) lines used by each county, and the clarified county boundary, in order for you to understand how the determination may affect you. This effect is not part of the appeal process, but the information is being provided to help with any administrative changes that may result.

If you are not the current owner of this property, are leasing this property, or if you have any questions, please contact us at (803) 734-3793. Any assistance you can provide in helping identify the current owner or lessee is appreciated.

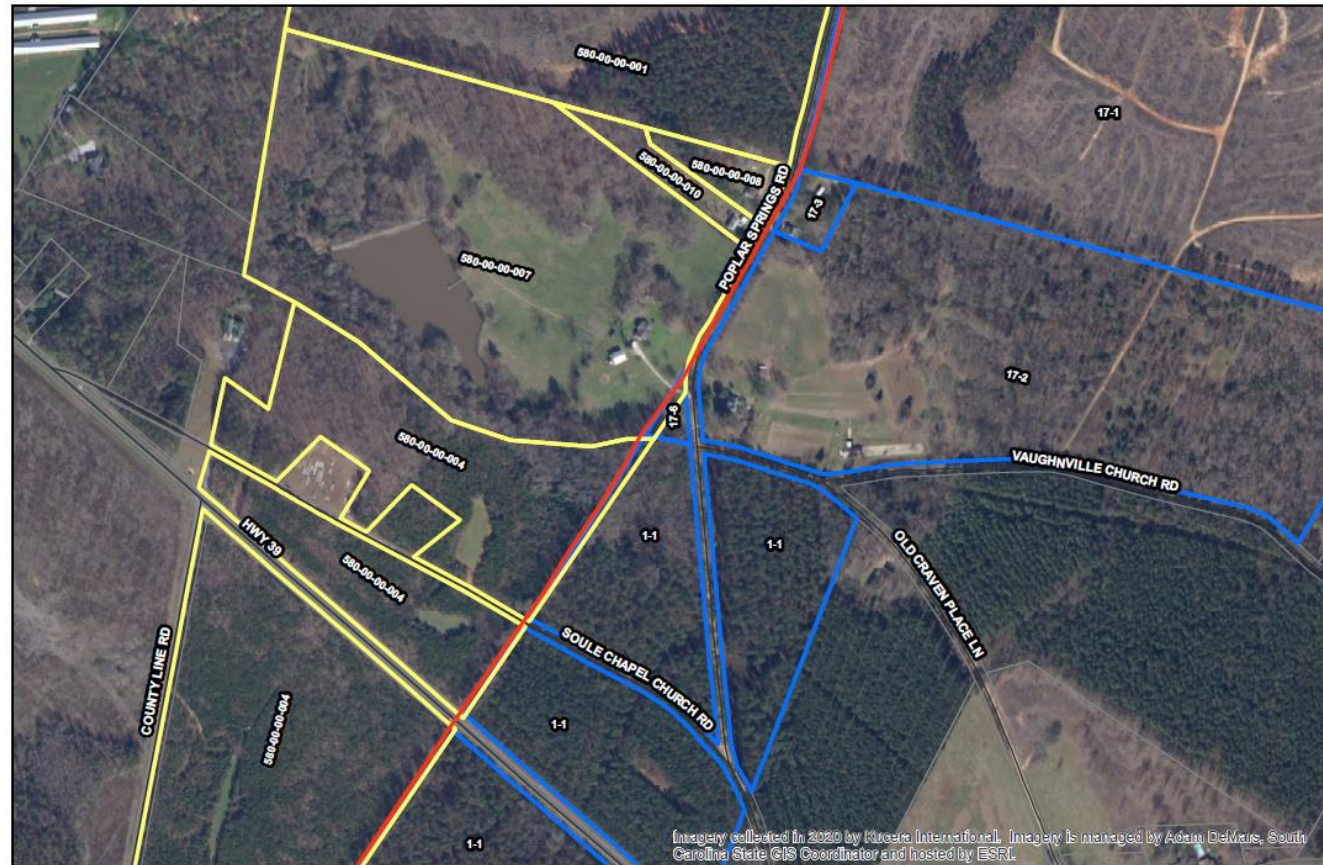
Cordially,

David K. Ballard, PLS
Manager, County Boundary Program
SC Geodetic Survey
1000 Assembly St, Suite 421 Email: boundary@rfa.sc.gov
Columbia, SC 29201

1000 ASSEMBLY STREET, SUITE 421 • COLUMBIA, SOUTH CAROLINA 29201 • (803) 734-3793 • RFA.SC.GOV



Public Meeting Notification (Example)



- Legend
- Re-established Statutory Boundary
 - Laurens Parcels
 - Newberry Parcels

This Sketch is for Information Purposes Only

7





LAURENS-NEWBERRY COUNTY BOUNDARY RE-ESTABLISHMENT



Frank A. 'Alex' Rankin, III - PE/PLS
Concord Engineering & Surveying

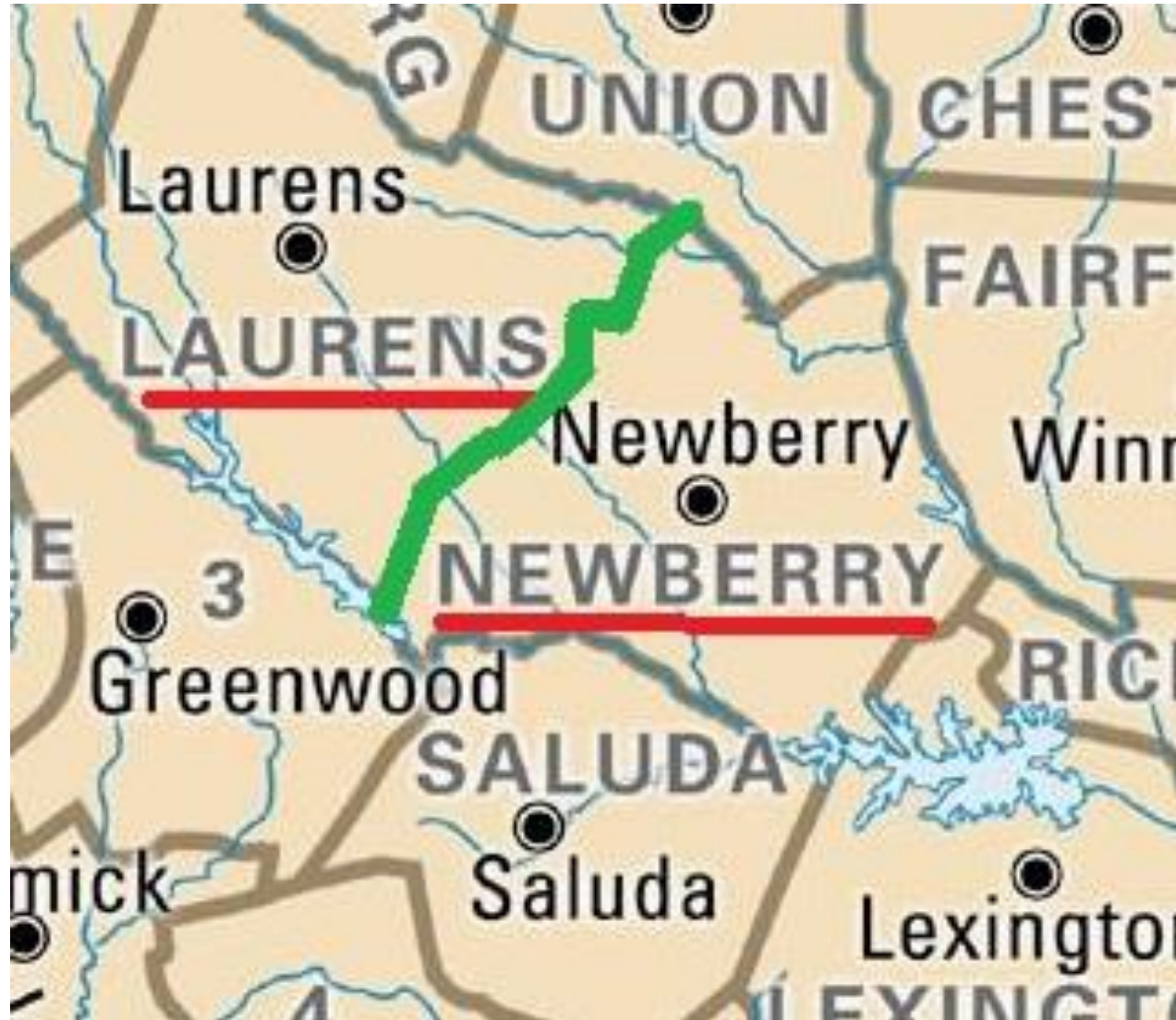


Laurens-Newberry County Line



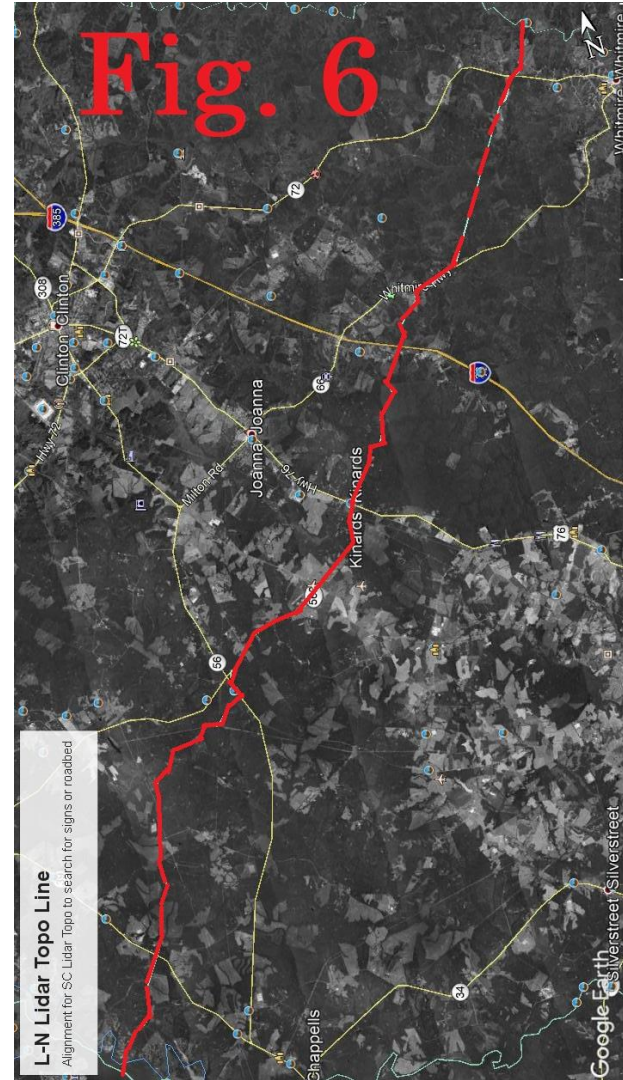


Laurens-Newberry County Line





Laurens-Newberry County Line





Laurens-Newberry County Line



- As far as we are aware the Laurens-Newberry line (the Old 96 Road) has never been comprehensively surveyed...
- No comprehensive metes description...
- *However, in 1820....*





Laurens-Newberry County Line

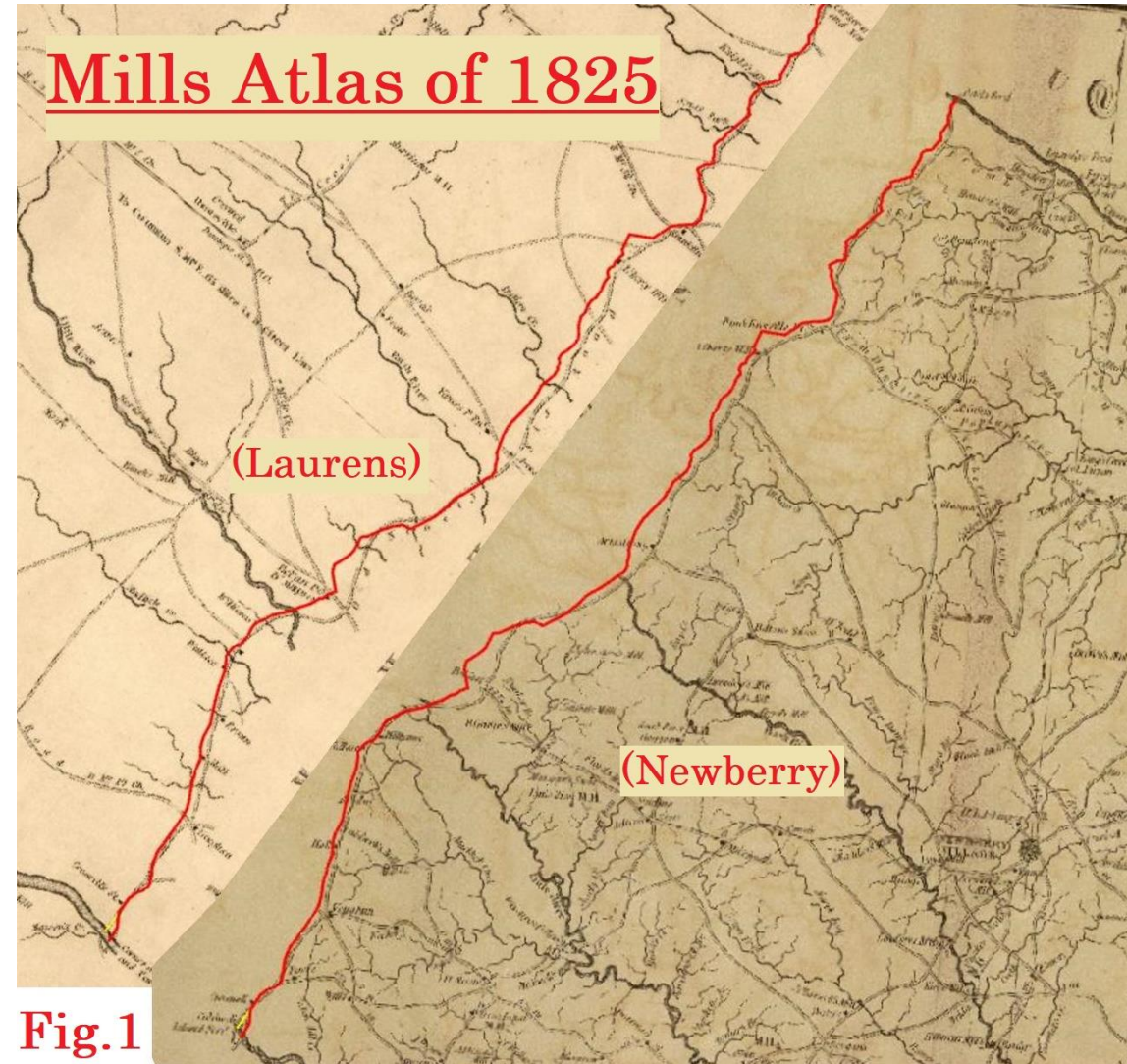
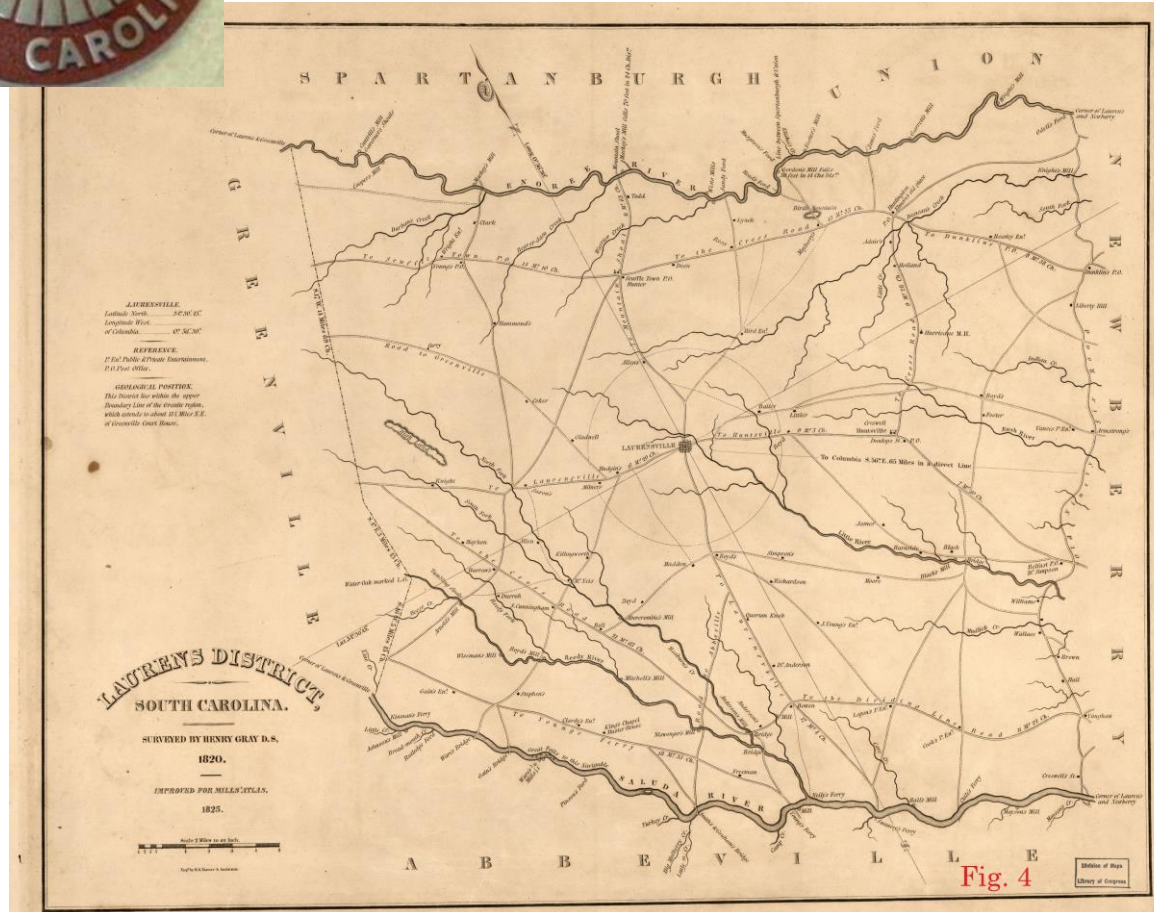


Fig. 1





Laurens-Newberry County Line

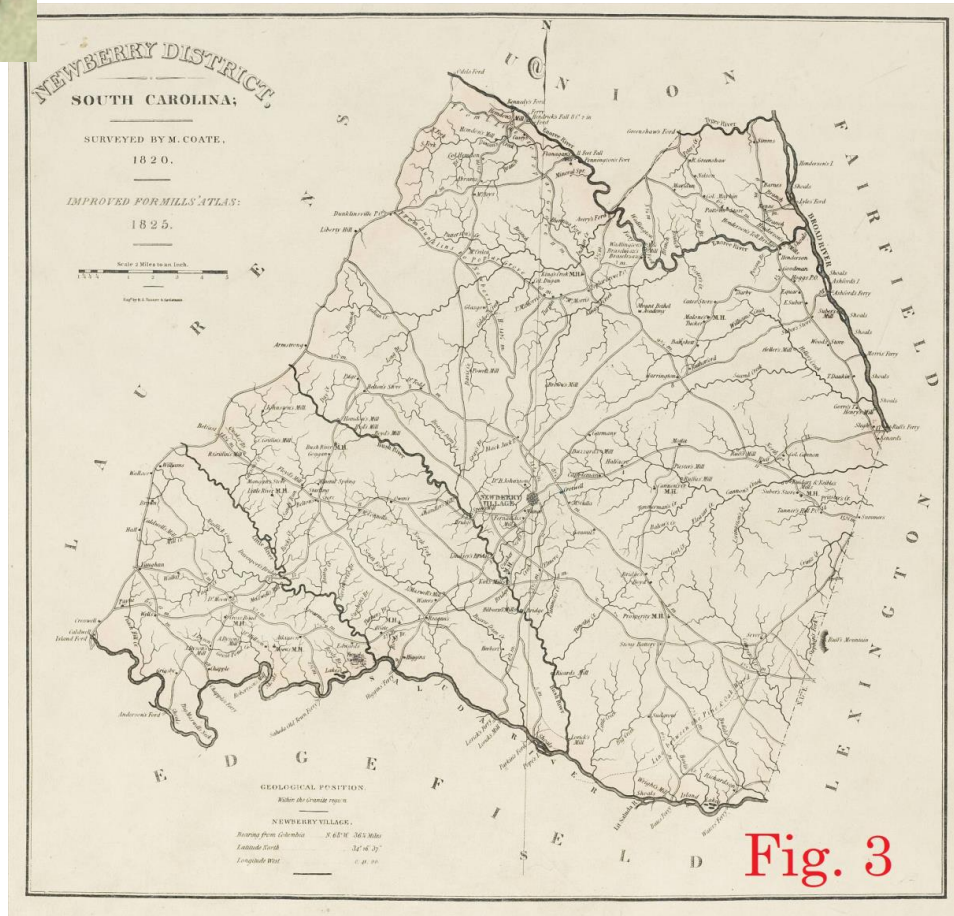


- Laurens District
- Surveyed by Henry Gray in 1820
- Improved for Mills' Atlas of 1825





Laurens-Newberry County Line



- Newberry District
- Surveyed by M. Coate in 1820
- Improved for Mills' Atlas of 1825





Laurens-Newberry County Line

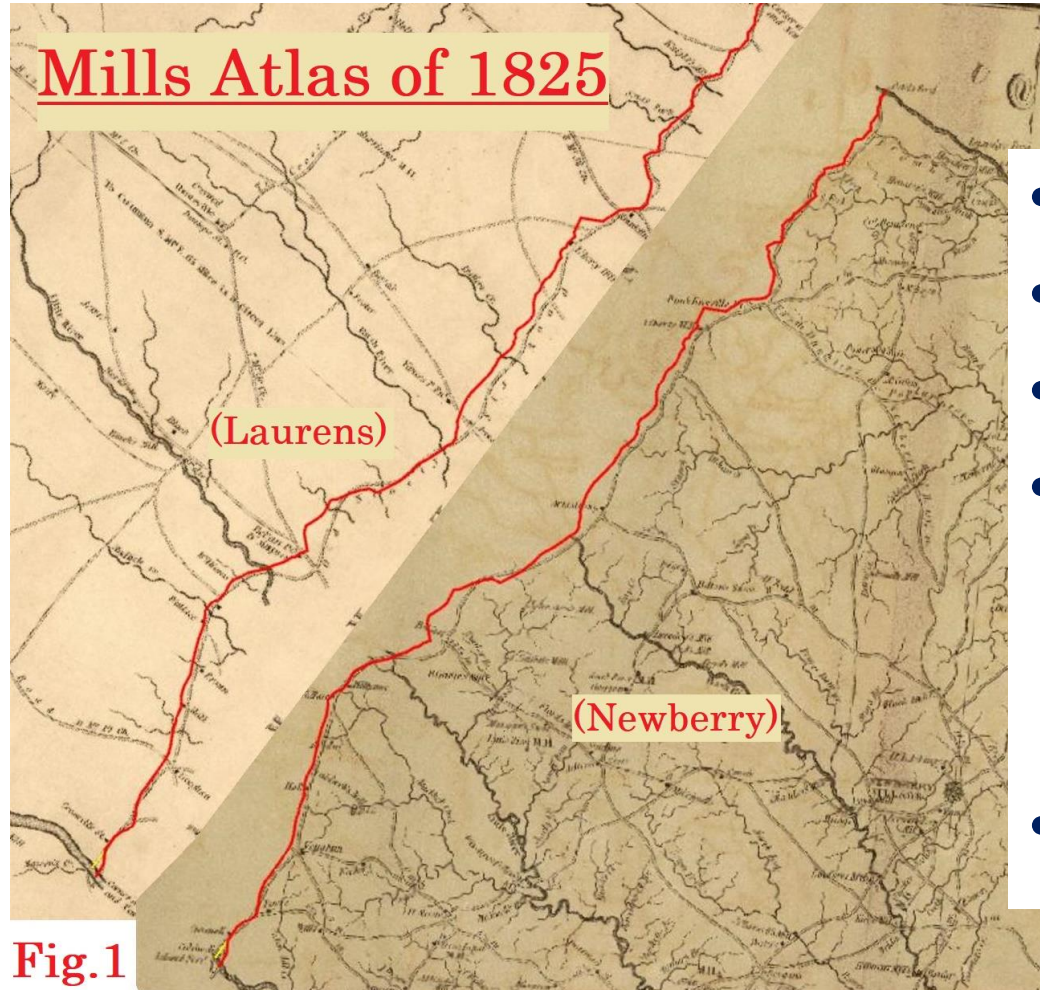


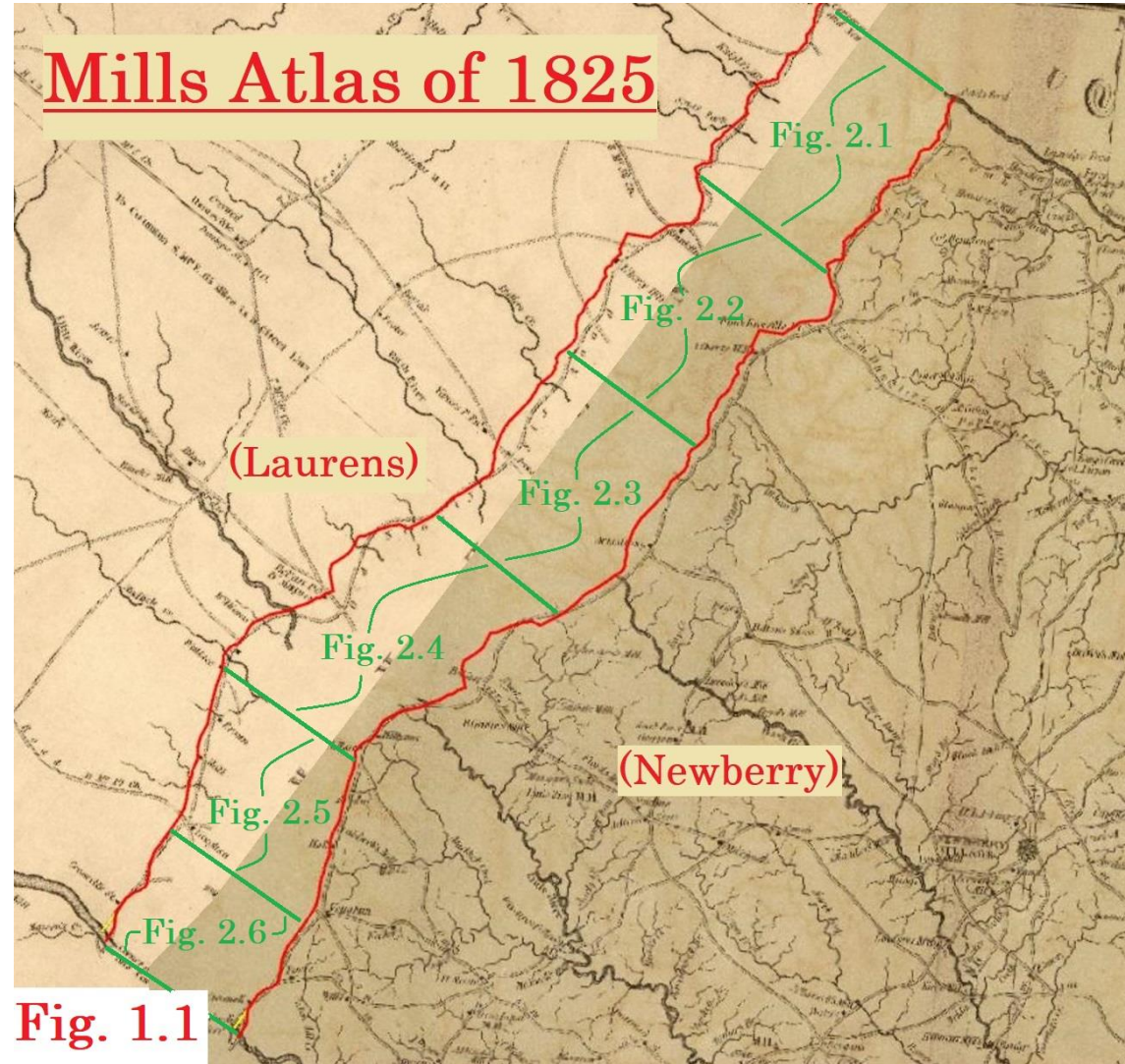
Fig. 1

- Two different surveyors
- Both surveys “Improved”
- No Metes description
- But both maps show the entire road with a very similar configuration (with numerous minor differences)
- Our best comprehensive guide





Laurens-Newberry County Line





Laurens-Newberry County Line



- By Act No. 1263 in 1785 the SC Legislature divided Ninety-Six District into six counties
- The new counties included Laurens and Newberry (Newbury) counties

- In the Act, Laurens' southeast boundary started at Odel's ford on the Enoree and followed the "old road" to Island Ford on the Saluda
- Newberry began "...at Island Ford on the Saluda river, thence along the old road to Odel's ford, on Enoree..."





Laurens-Newberry County Line



- The task of a retracement surveyor is to put a boundary in the location that the original legislation established it
- The correct county boundary is in the center of the road as it existed in 1785
- The Town of Ninety Six is southwest of Island Ford (Island Ford is now under Lake Greenwood)
- Ninety Six had been in existence since the early 1700s
- The road leading to it was already an “old road” in 1785

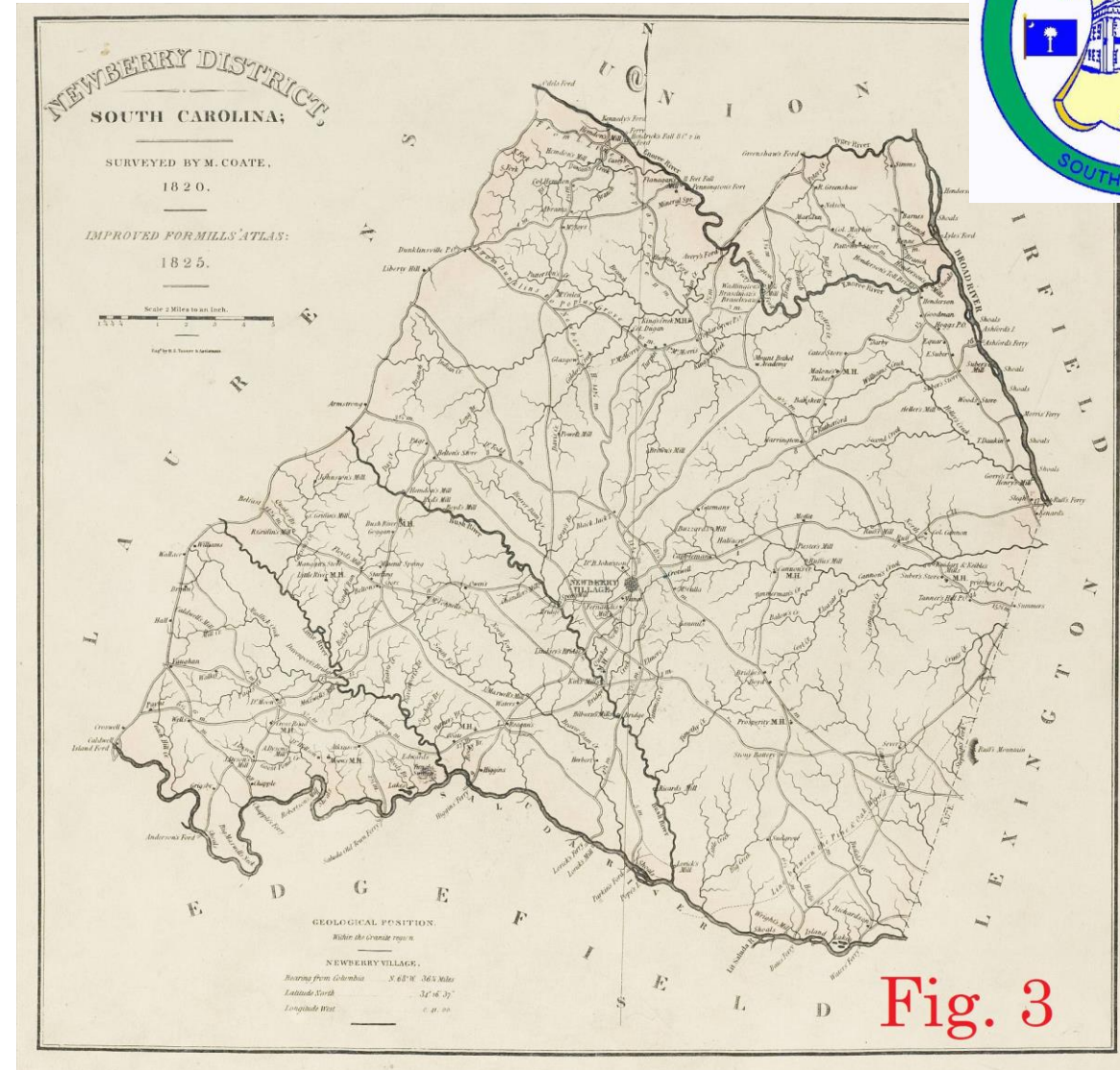




Laurens-Newberry County Line



- The Newberry District map of 1825 from Mills Atlas shows the boundary with Laurens as a road that runs from “Odels Ford” to Island Ford





Laurens-Newberry County Line



- The Mills Atlas map for Laurens County names the road southwest of Dunklin's P.O. the "Old Ninety Six Road"

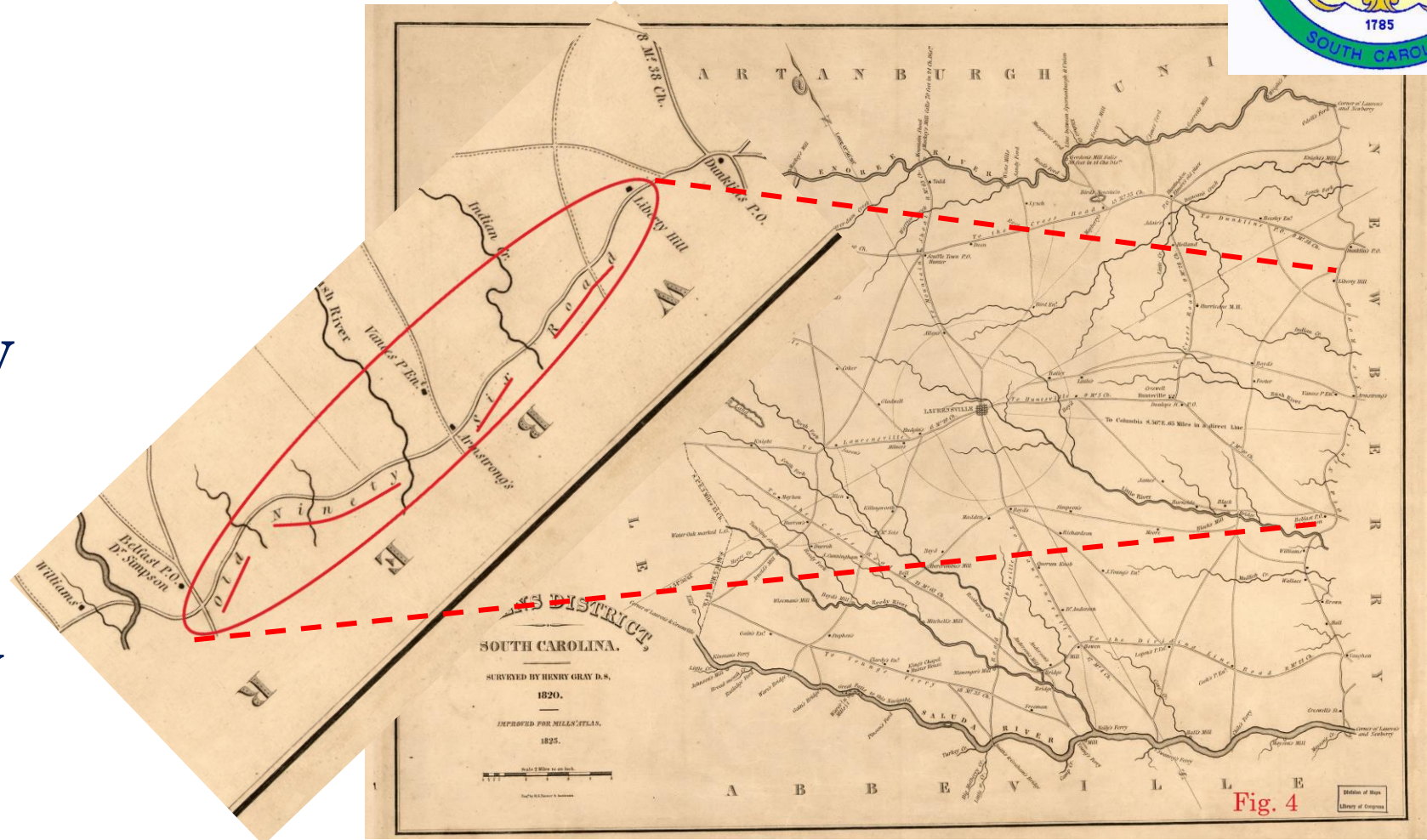


Fig. 4





Laurens-Newberry County Line



- So, part of the “old road” has been known as the Ninety Six Road since at least 1825, and probably was so known long before that
- Also shown on deeds and maps as Old Ninety-Six Road and Old 96 Road
- East of the Brickhouse the Old 96 Road intersects with the old road leading to Odel’s Ford
- These roads existed during the colonial and state grant period, so we first looked for them in grant research



Laurens-Newberry County Line



- Surprisingly, of the 85± grants we recovered from South Carolina Archives and History north of Indian Creek, few of them showed a road
- Few of the grants that did show a road labeled it the “96 Road” or any other name
- And few of the ones with a road, labeled or not, had enough identifying features for us to be able to locate them on the ground

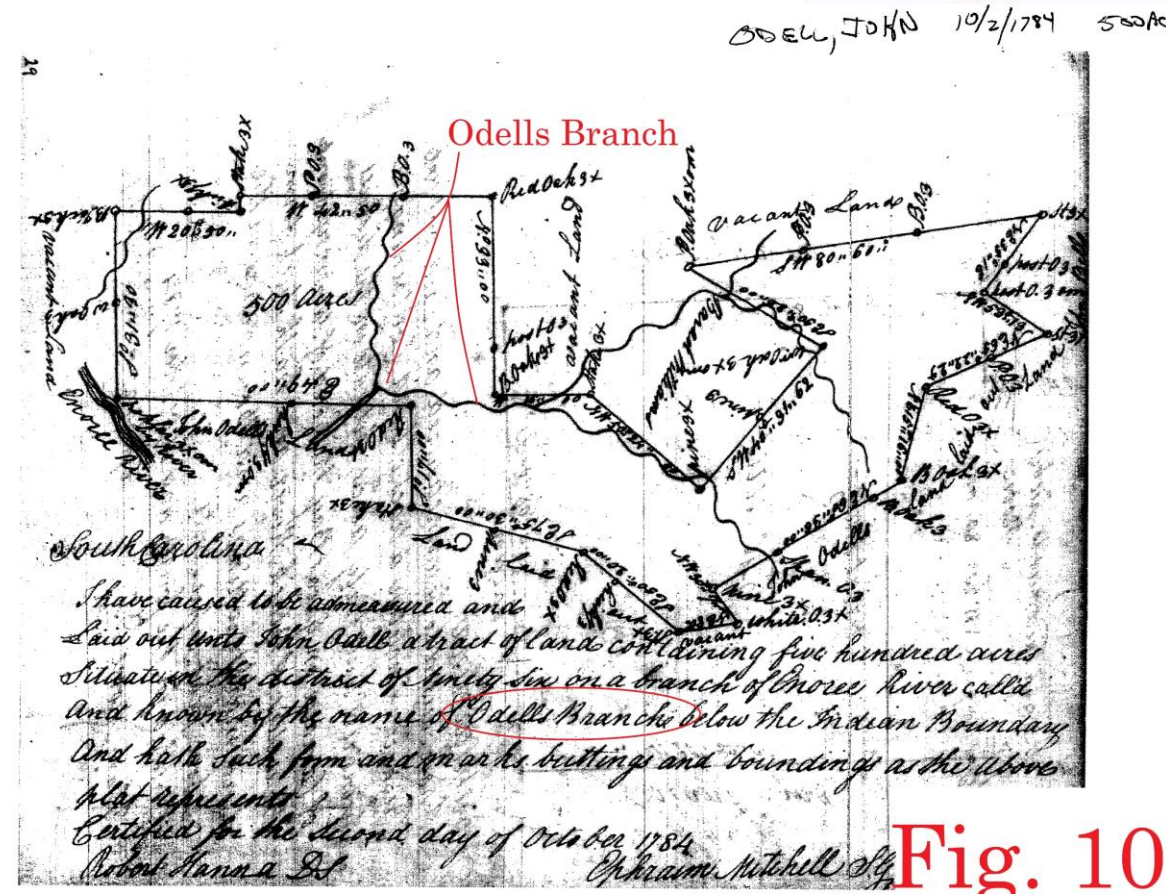




Laurens-Newberry County Line Laurens-Newberry County Line



- An example is the 1784 grant to John Odell
- Located on Odells Branch at the Enoree River we know that the old Odell's Ford Road crosses this property
- It is nowhere to be seen on the plat!





Laurens-Newberry County Line



Fig. 12



Laurens-Newberry County Line



- We don't know why we found so few grants in the northern 1/3 of the line that showed a road where we know one existed
- For grants from about 1785 on it may be because property owners didn't want to show that their property was in more than one county
- According to archivist Marion Chandler, recently retired from South Carolina Archives and History, at that time property owners had to travel to the county seat each year to pay taxes
- Property in two counties meant two annual trips instead of one





Laurens-Newberry County Line



- As in the 1784 Odell grant previously shown, the absence of roads meant that we only had a general idea of where on the Enoree River “Odel’s ford” was located

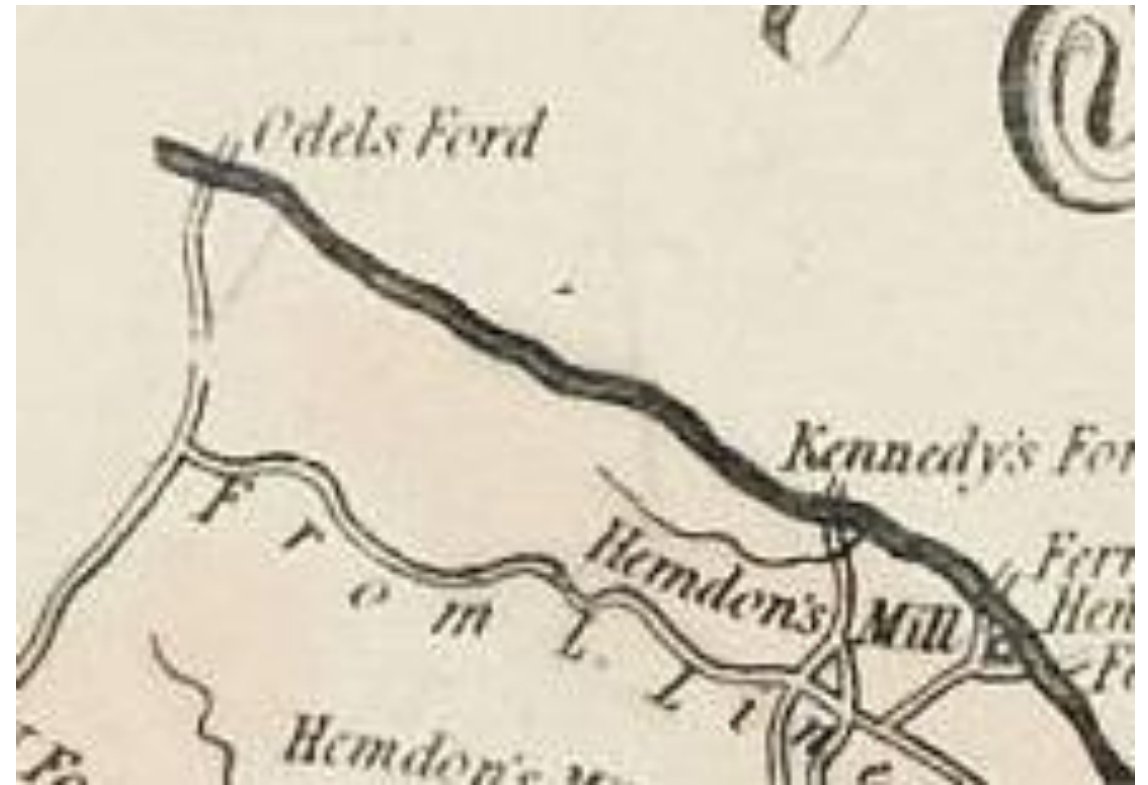
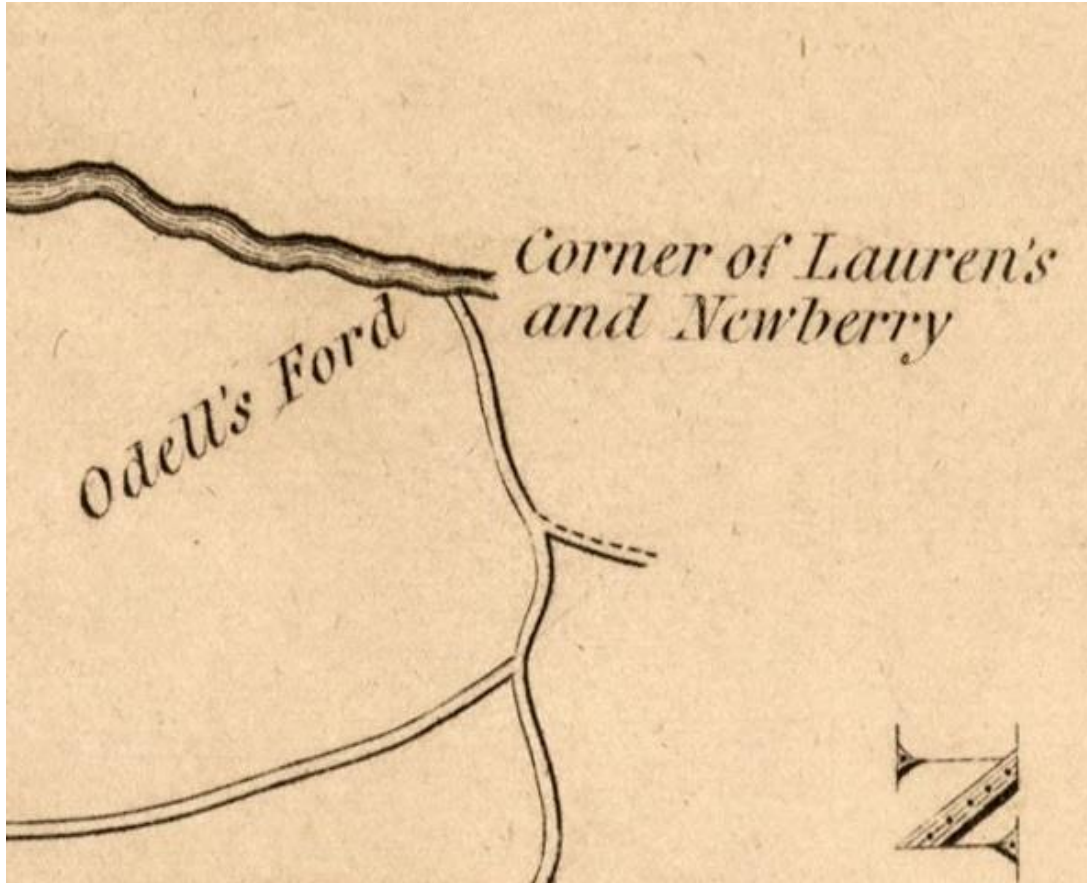
- Grants from the north side of the river in present day Union County were similarly unhelpful





Laurens-Newberry County Line

- Neither of the Mills Atlas maps for Laurens and Newberry counties show the bends of the Enoree River in enough detail to locate the ford





Laurens-Newberry County Line



- CESI personnel walked both sides of the river, up and down stream, for the better part of a mile without finding convincing evidence of a ford location.
- Aerial photographs for the Calhoun Experimental Forest made in 1933 were also inconclusive





Laurens-Newberry County Line



- Additional research in Union County found a survey from 1922 by H.C. Wilburn of 4381.6 acres located partly in Laurens, partly in Newberry, and partly in Union, covering the area in question

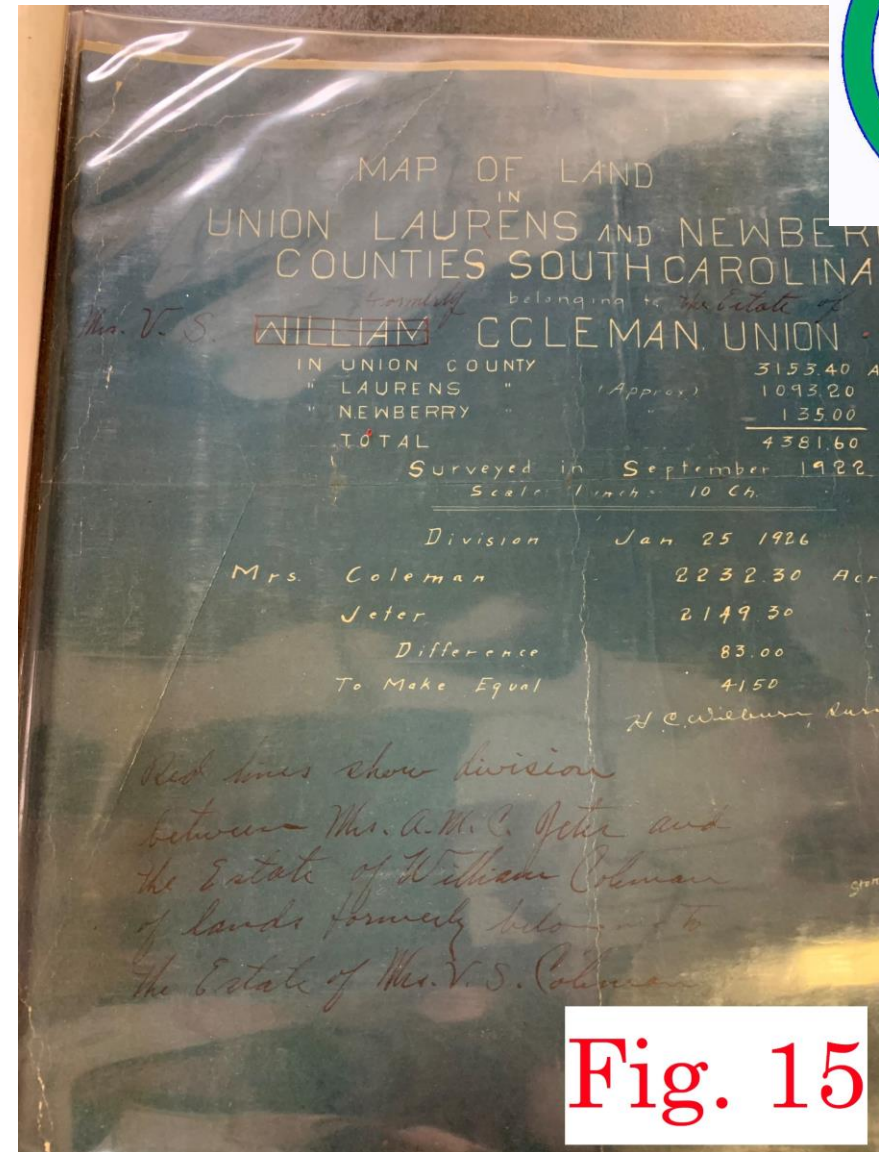


Fig. 15





Laurens-Newberry County Line



- The map was so large that it had to be cut into pieces to fit into the map book
- The cut went right through the area of interest
- The edges had badly frayed and no information could be made out for the location of the ford
- Visits to the Clerk of Court in Laurens and Newberry failed to uncover another copy of the map
- Research showed that Mr. Wilburn's personal papers were at NC Archives and the Waynesville, NC Library, but no map was present at either location





Laurens-Newberry County Line



- Searching Wilburn's map for any clues revealed calls along the river from each side of the property to a ferry
- Using the still existing boundaries of the property in GIS the distances converged within feet of each other



Fig. 16





Laurens-Newberry County Line



- While a ferry is not a ford, it is possible the ferry was placed at the ford location with the transition from horses to automobiles
- Another review of the Calhoun Experimental Forest 1933 aerial showed a road to the ferry location

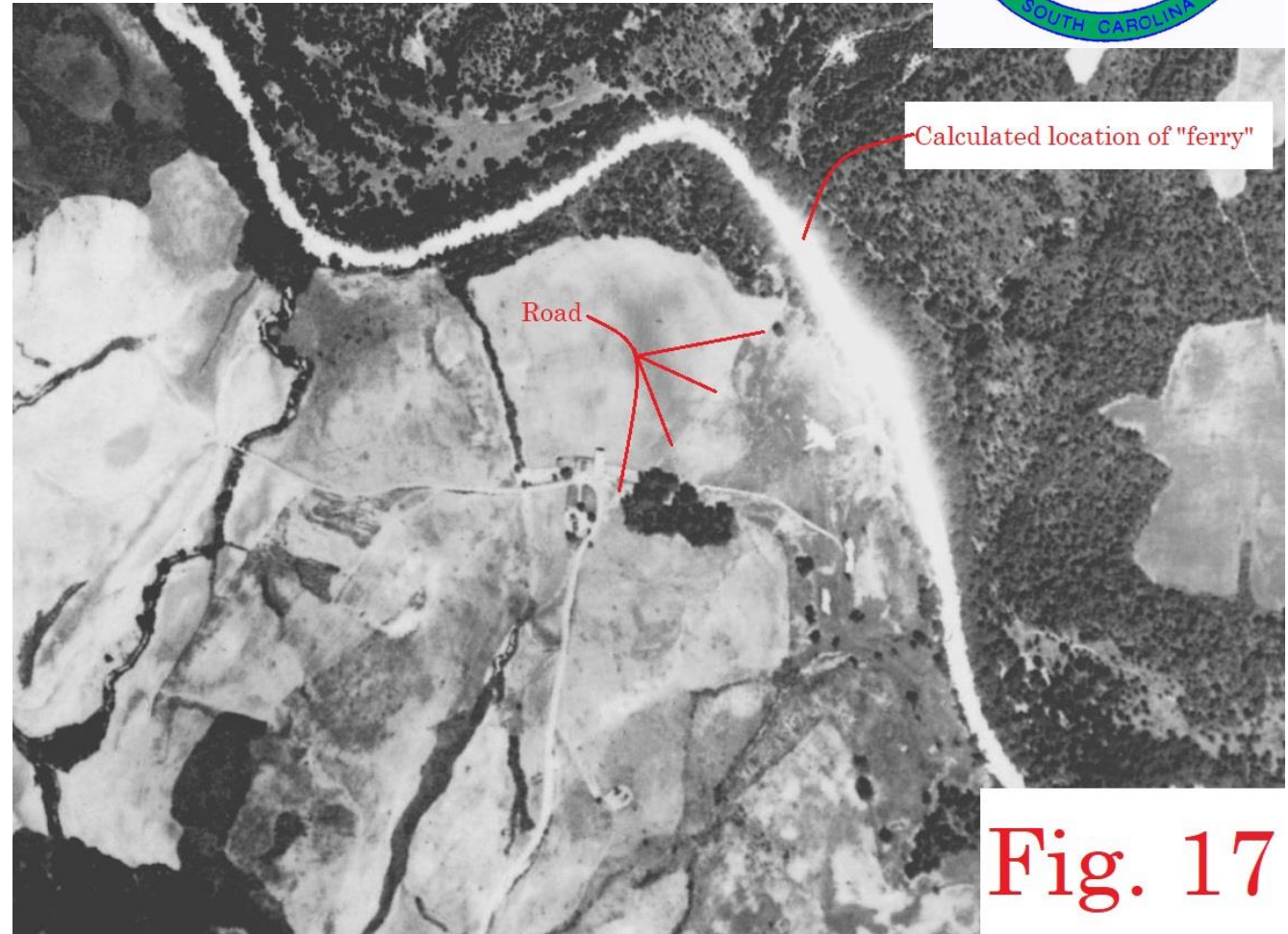


Fig. 17





Laurens-Newberry County Line



- CESI concluded that the ferry was the best evidence of the location of “Odel’s ford” and the beginning place for the relocation of the “old road”
- The 1933 aerial showed the old road up to current Lakestone Drive

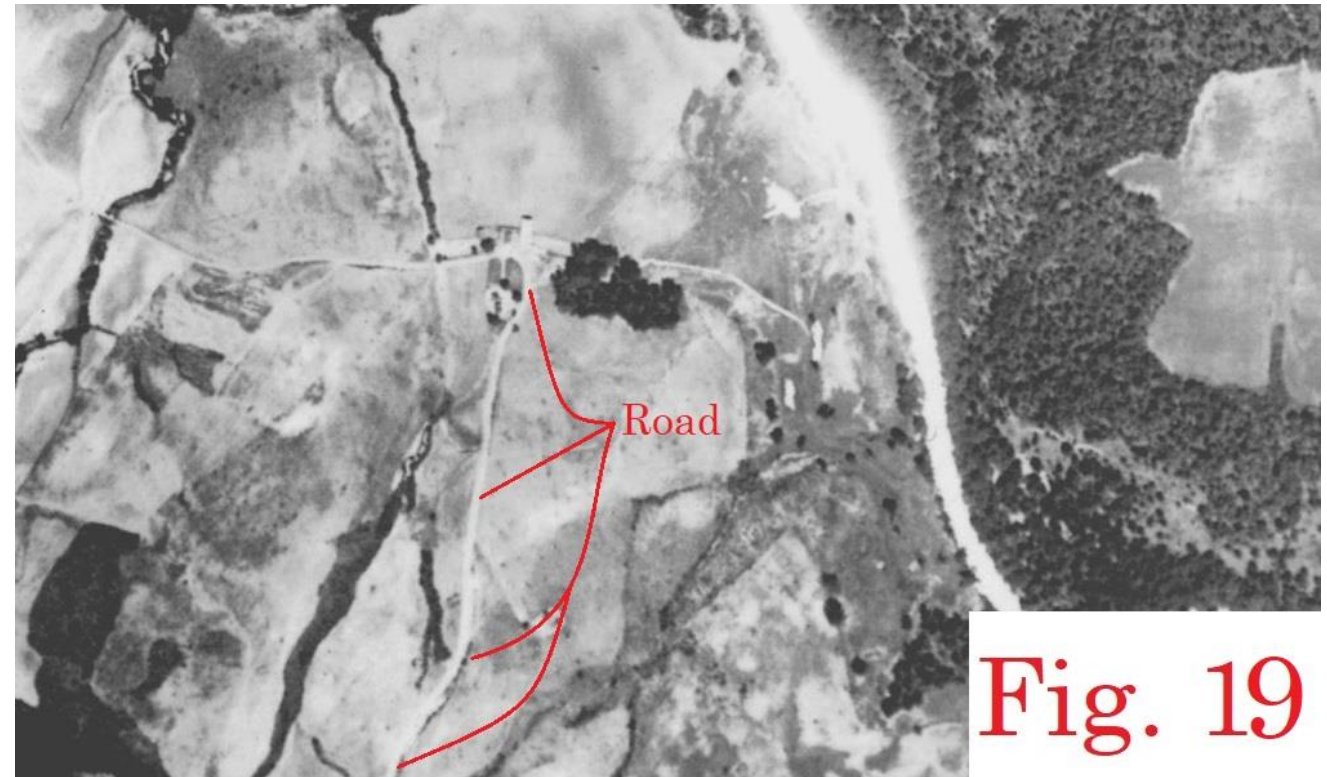
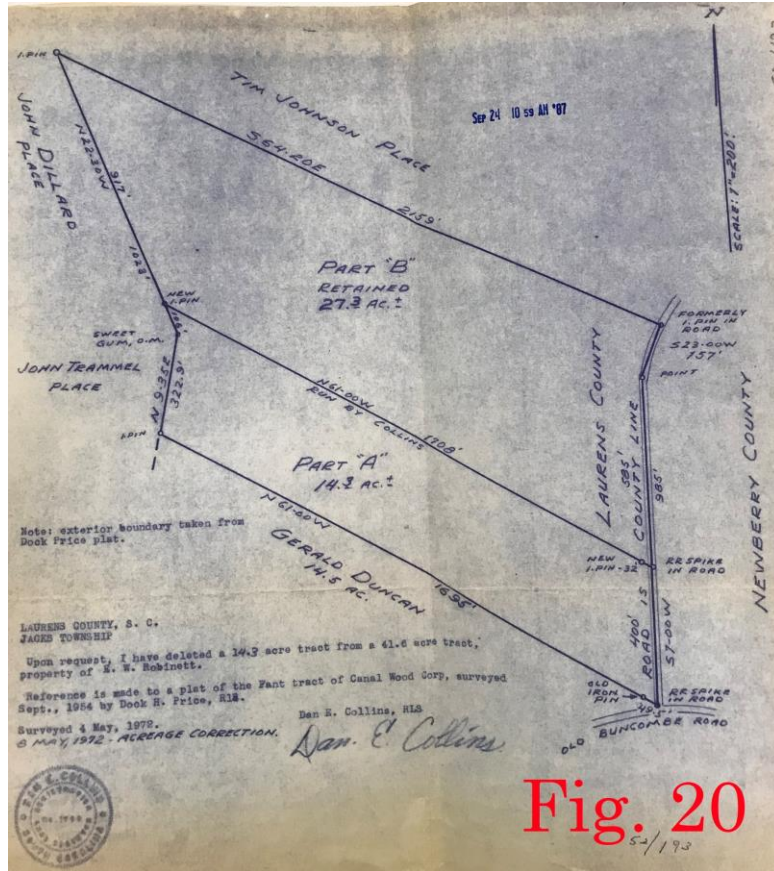


Fig. 19



Laurens-Newberry County Line

- Lakestone Drive and Lovers Lane occupy the Odel's Ford Road roadbed down to the intersection with SC Hwy 72





Laurens-Newberry County Line



- From SC Hwy 72 the old Odel's Ford Road roadbed is in place and the county line follows it until Little North Carolina Road
- From that point to Duncan's Creek Little North Carolina Road runs in the old roadbed

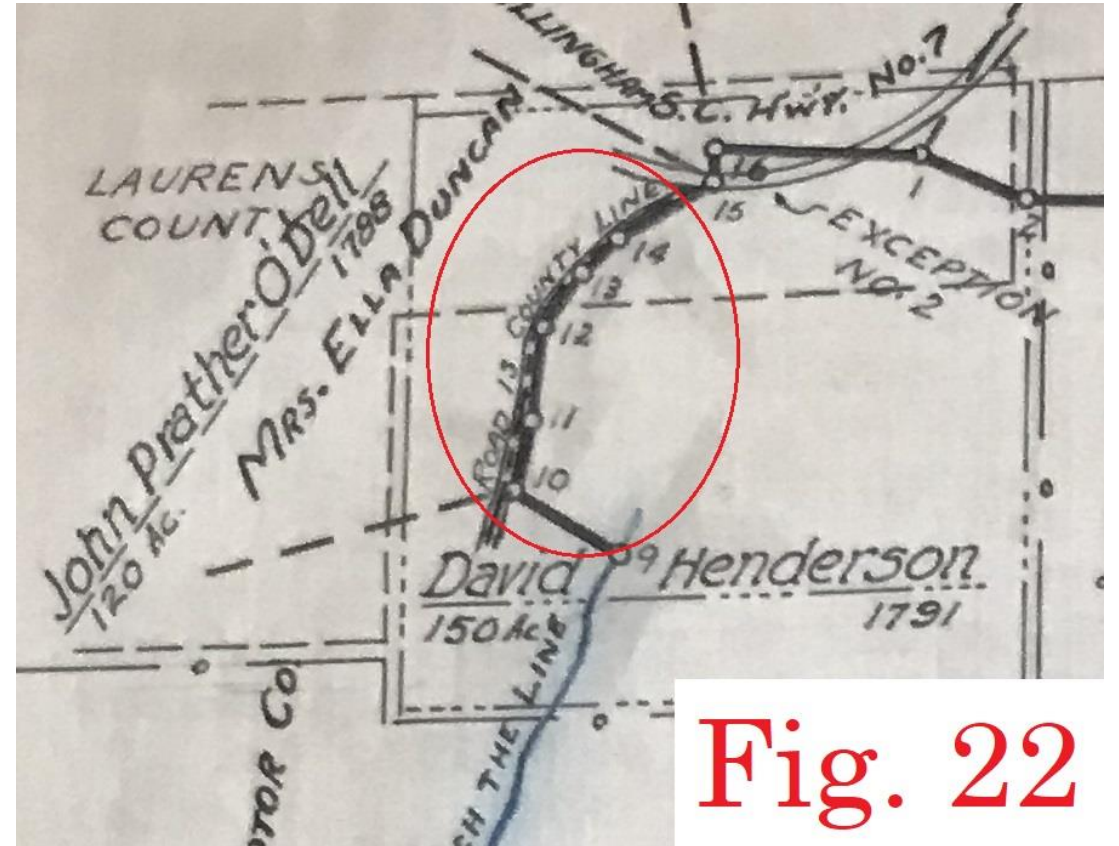


Fig. 22





Laurens-Newberry County Line



I have verified that these lots are existing lots of record.
B. Fairman A. Peter
 Planning Officer
 Date 6-2-14

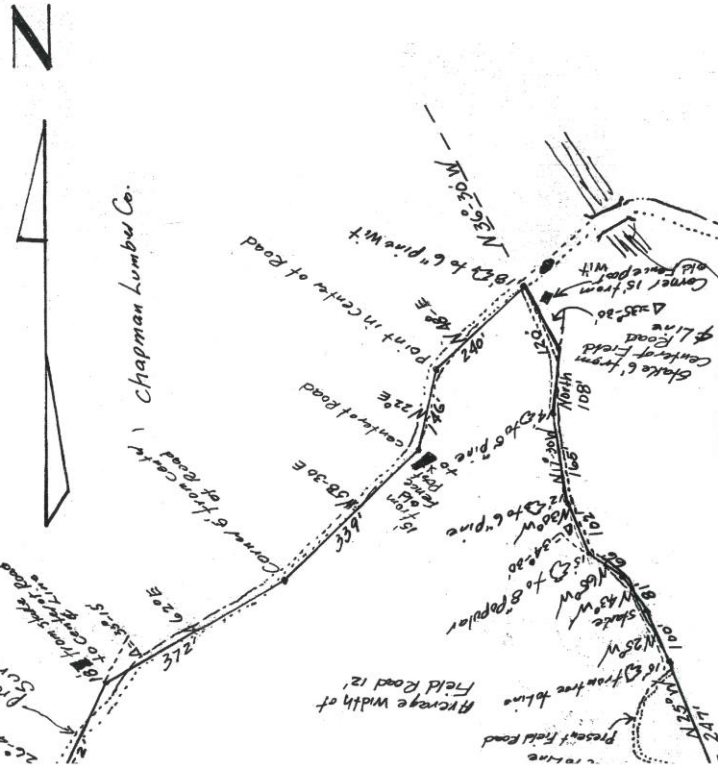


Fig. 23

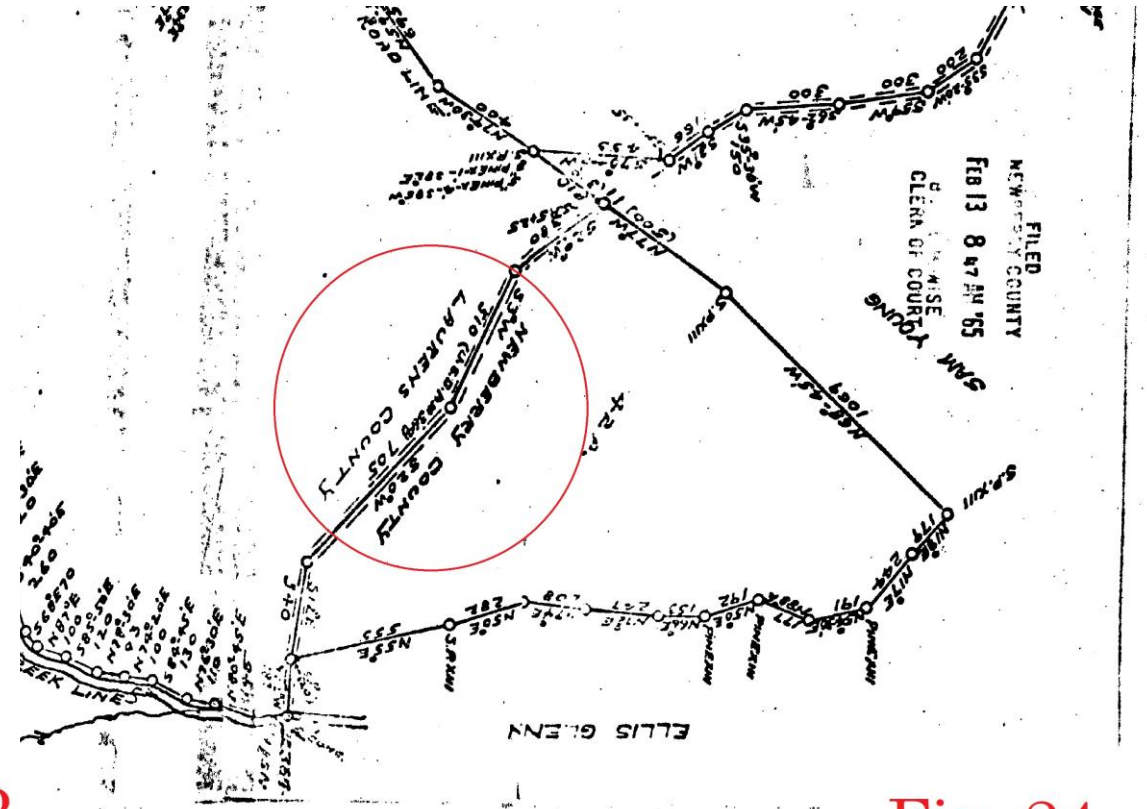


Fig. 24



Laurens-Newberry County Line



- CESI initially thought that the old Odel's Ford Road continued along Little North Carolina Road, which runs in what is obviously a very old roadbed

- But repeated research failed to find any mention of Little North Carolina Road being the Old 96 Road south of Duncan's Creek

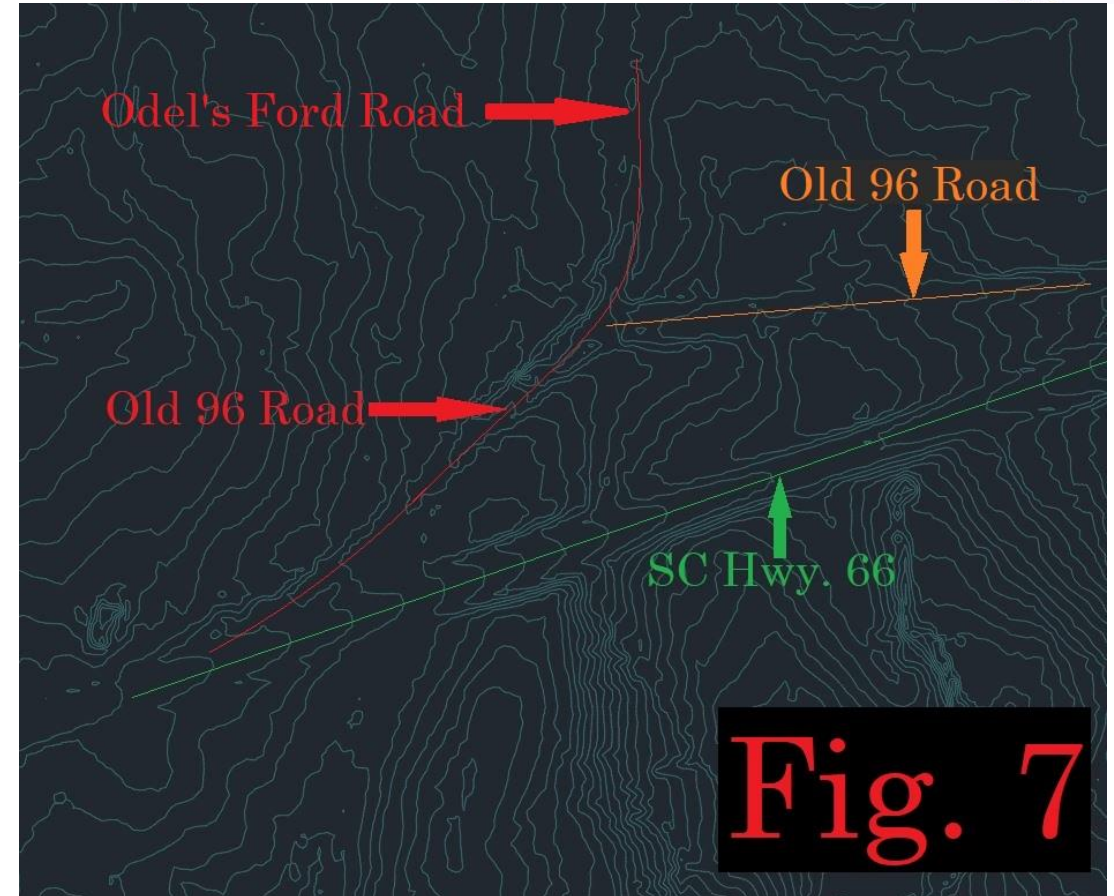




Laurens-Newberry County Line



- Part of the initial research before starting field work had been a review of South Carolina LIDAR topography of the route, searching for old roadbeds
- A review of LIDAR showed an old road intersection in the woods north of SC Hwy 66 and west of Fendley Road





Laurens-Newberry County Line



- Deeds and maps confirmed that at this location an old road came in from the north and the Old 96 Road went out towards the southwest
- This indicated that possibly the old Odel's Ford Road turned away from Little North Carolina Road south of Duncan's Creek

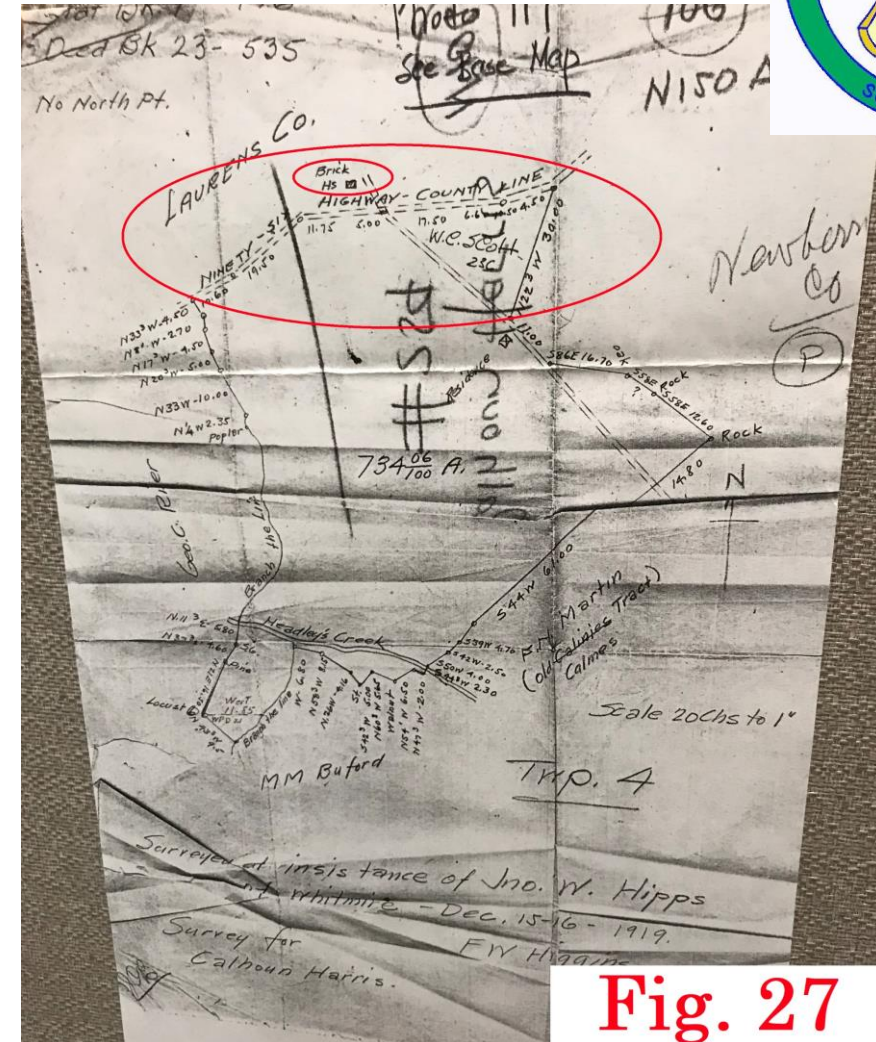


Fig. 27





Laurens-Newberry County Line



- This led us to suspect that Fendley Road might be the correct location for the old Odel's Ford Road between Duncan's Creek and intersection with the Old 96 Road
- We field located Fendley Road, and in so doing noted some segments of older roadbed along side it

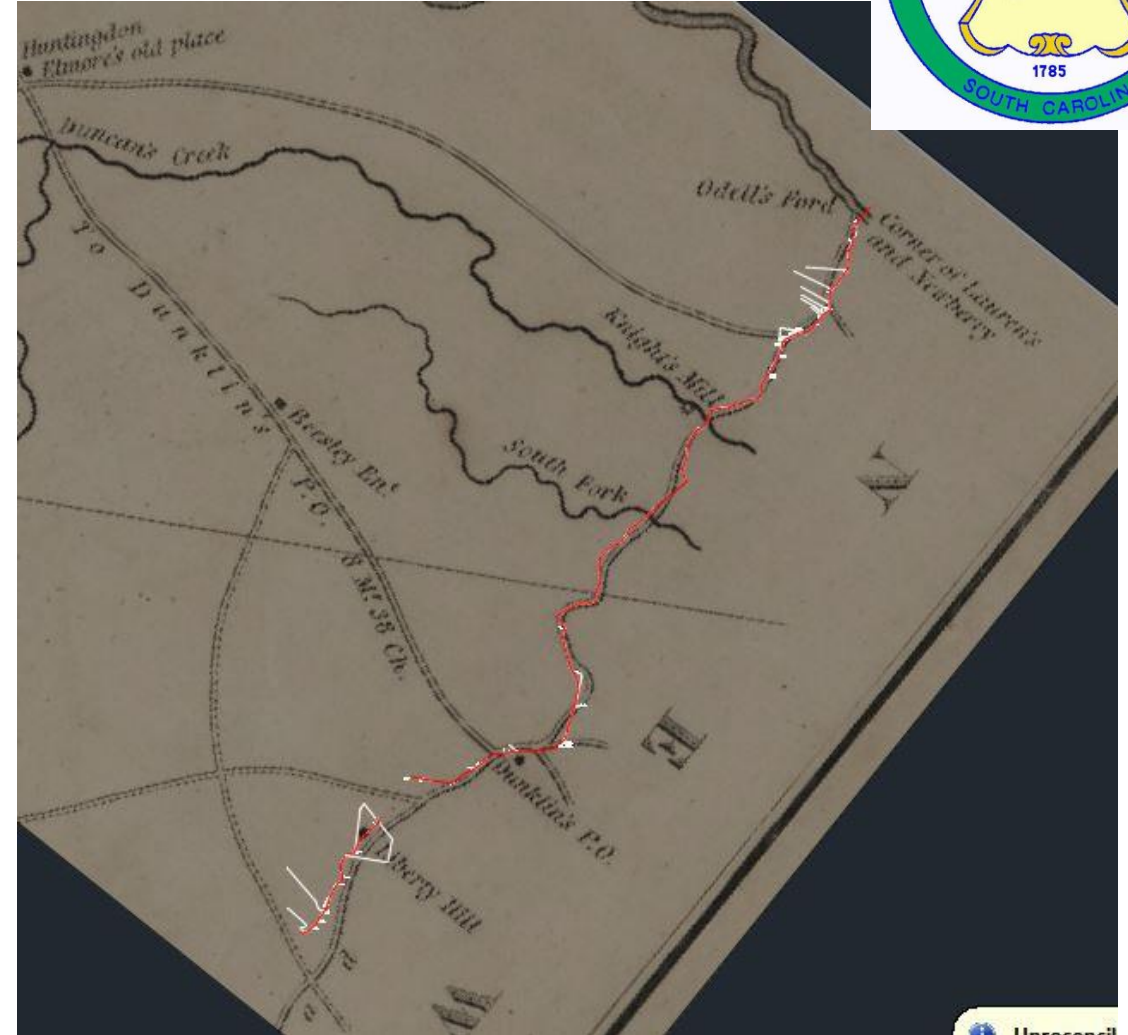




Laurens-Newberry County Line



- When we took the 1825 Mills Atlas Map for Laurens County, anchored it at the location we had determined for “Odel’s ford” and the location of the Old 96 Road at the “Brickhouse,” and overlaid our Fendley Road locations, the results were startling

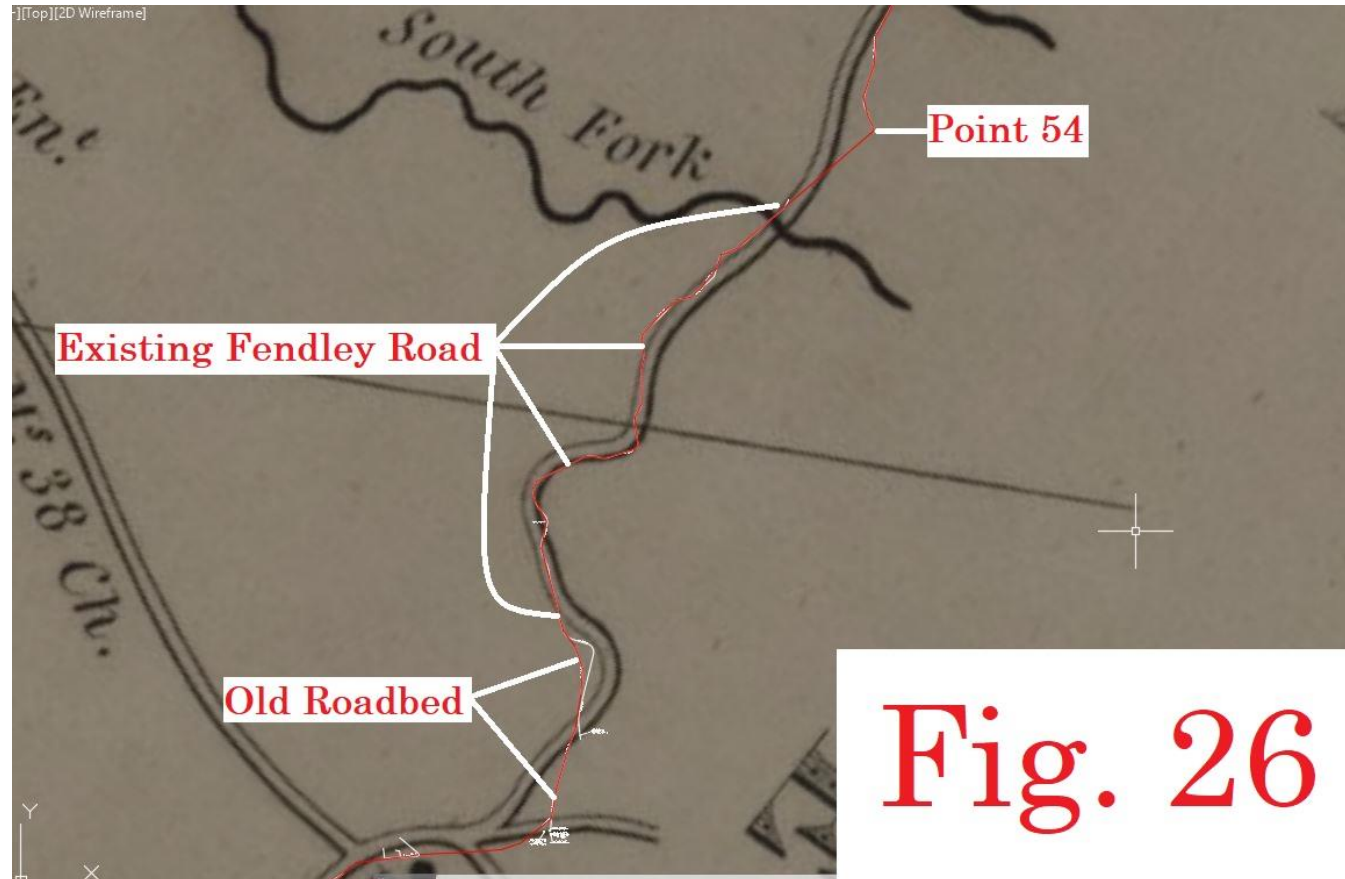




Laurens-Newberry County Line



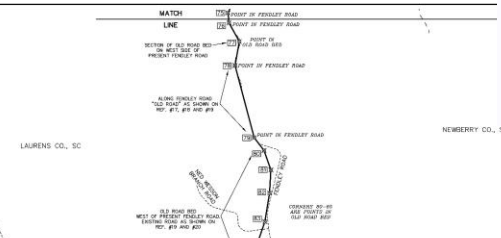
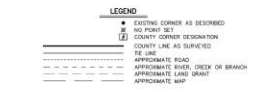
- Clearly, Fendley Road was mostly in the old roadbed for the old Odel's Ford Road



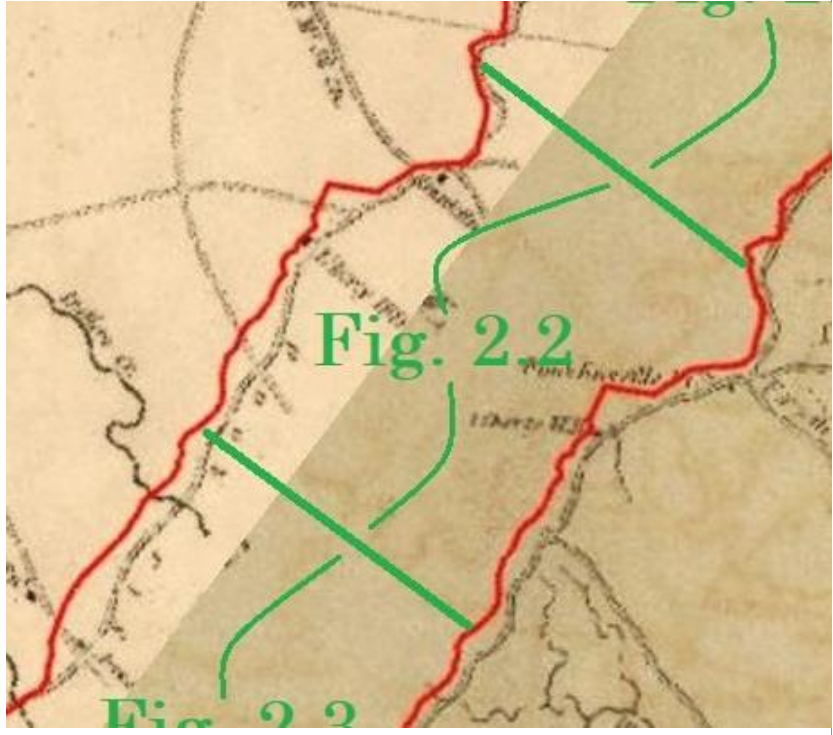
Laurens-Newberry County Line



- NOTES
1. TRANSIERS ADJUSTED BY THE LEAST SQUARES ADJUSTMENT METHOD.
 2. ALL BOUNDARIES ARE SHOWN IN RED DASHES.
 3. SC ORD 60-83 (2011) (SPOR 2010) ON BASIS OF BEARING CORNER FROM 2008 REVISION FOR CONVENTIONAL POSITIONAL ACCURACY (+37').
 4. LINE SOURCE: METRIC, METERS AND INTERNATIONAL FEET.
 5. THE FIELD SURVEY WAS CONDUCTED BY THE 2010 SOUTH CAROLINA DEPARTMENT OF NATURAL RESOURCES.
 6. U.S. GEOLOGICAL SURVEY QUADRADE MAPS USED: 8204 NARR: SC 1972; 8205 WASH: HILL: SC 1984; 8206 WASH: HILL: SC 1973; 8207 NEWBERRY: SC 1968; 8208 S: SC 1971; 8209 S: SC 1973; 8210 SPANISHWELL: SC 1968; 8211 SPANISHWELL: SC 1975.



- REFERENCES
1. CODE OF LAWS OF SOUTH CAROLINA 1976, VOLUME 14, CHAPTER 3, ENACTED BY STATUTE CONFERENCE, SET. 4-2-10 LAURENS COUNTY, SEC. 4-3-40 NEWBERRY COUNTY.
 2. MAP TITLED "NEWBERRY COUNTY, SOUTH CAROLINA", SURVEYED BY M. T. COOPER, 1856, RECORDED IN THE PUBLIC BOOKS OF THE COUNTY OF NEWBERRY COUNTY, ARCHIVED 10-11-1971.
 3. MAP TITLED "LAURENS DISTRICT, SOUTH CAROLINA", SURVEYED BY H. W. CAMPBELL, 1858, RECORDED IN THE PUBLIC BOOKS OF THE COUNTY OF LAURENS COUNTY, ARCHIVED 10-11-1971.
 4. MAP TITLED "LAURENS DISTRICT, SOUTH CAROLINA", SURVEYED BY H. W. CAMPBELL, 1858, RECORDED IN THE PUBLIC BOOKS OF THE COUNTY OF LAURENS COUNTY, ARCHIVED 10-11-1971.
 5. MAP TITLED "THORNS PURCHASE", SURVEYED BY A. S. BERRY, 1858, RECORDED IN THE PUBLIC BOOKS OF THE COUNTY OF NEWBERRY COUNTY, ARCHIVED 10-11-1971.
 6. MAP TITLED "THORNS PURCHASE", SURVEYED BY A. S. BERRY, 1858, RECORDED IN THE PUBLIC BOOKS OF THE COUNTY OF NEWBERRY COUNTY, ARCHIVED 10-11-1971.
 7. MAP TITLED "THORNS PURCHASE", SURVEYED BY A. S. BERRY, 1858, RECORDED IN THE PUBLIC BOOKS OF THE COUNTY OF NEWBERRY COUNTY, ARCHIVED 10-11-1971.
 8. MAP TITLED "THORNS PURCHASE", SURVEYED BY A. S. BERRY, 1858, RECORDED IN THE PUBLIC BOOKS OF THE COUNTY OF NEWBERRY COUNTY, ARCHIVED 10-11-1971.
 9. MAP TITLED "THORNS PURCHASE", SURVEYED BY A. S. BERRY, 1858, RECORDED IN THE PUBLIC BOOKS OF THE COUNTY OF NEWBERRY COUNTY, ARCHIVED 10-11-1971.
 10. MAP TITLED "THORNS PURCHASE", SURVEYED BY A. S. BERRY, 1858, RECORDED IN THE PUBLIC BOOKS OF THE COUNTY OF NEWBERRY COUNTY, ARCHIVED 10-11-1971.



SECTION	TOWNSHIP	RANGE	CORNER	UTM	UTM	UTM	UTM	UTM	UTM	UTM	UTM	UTM	UTM	UTM	UTM	UTM	UTM
36	04	10	68402.00	172279.20	34753.00	8742.22	4371.11	4371.11	4371.11	4371.11	4371.11	4371.11	4371.11	4371.11	4371.11	4371.11	4371.11
37	04	10	68403.00	172279.20	34754.00	8743.22	4372.11	4372.11	4372.11	4372.11	4372.11	4372.11	4372.11	4372.11	4372.11	4372.11	4372.11
38	04	10	68404.00	172279.20	34755.00	8744.22	4373.11	4373.11	4373.11	4373.11	4373.11	4373.11	4373.11	4373.11	4373.11	4373.11	4373.11
39	04	10	68405.00	172279.20	34756.00	8745.22	4374.11	4374.11	4374.11	4374.11	4374.11	4374.11	4374.11	4374.11	4374.11	4374.11	4374.11
40	04	10	68406.00	172279.20	34757.00	8746.22	4375.11	4375.11	4375.11	4375.11	4375.11	4375.11	4375.11	4375.11	4375.11	4375.11	4375.11

Fig. 2.2

Re-establishment of the Laurens County and Newberry County Boundary from the Beaver River to the Saluda River
LAURENS COUNTY, S.C.
NEWBERRY COUNTY, S.C.

SCALE: 1" = 2000'

DATE: 10-20-2023
DRAWN BY: DSP
CHECKED BY: DSP

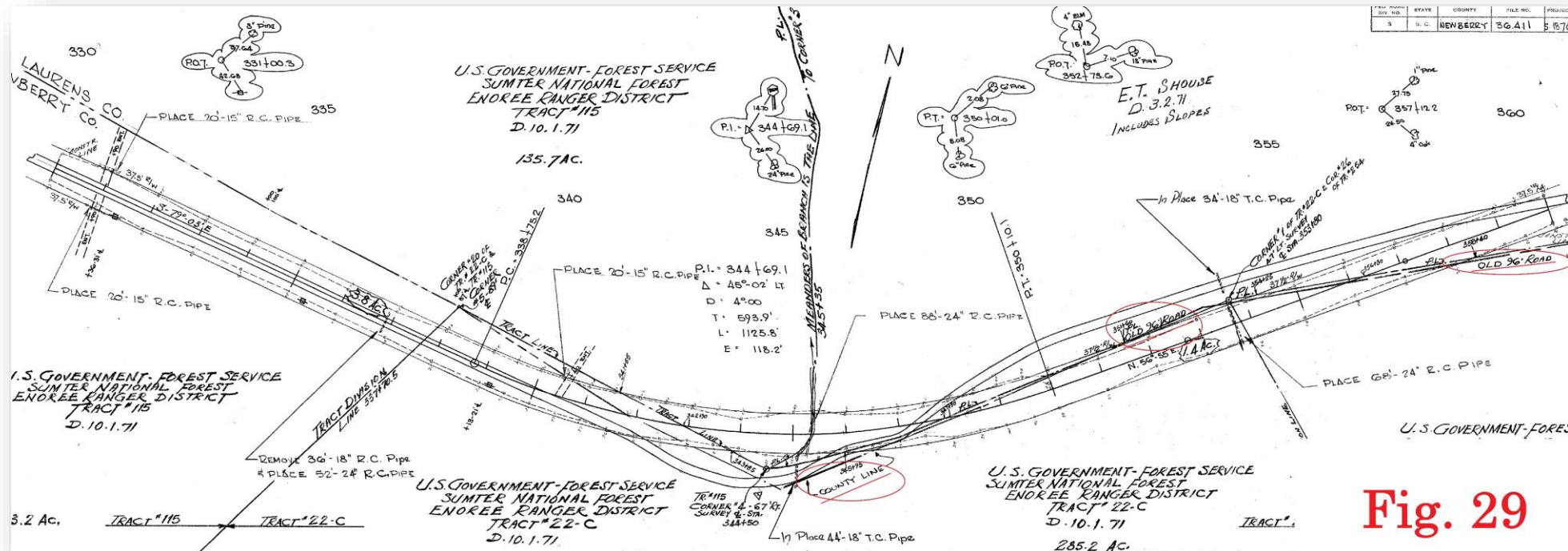
PRELIMINARY PLAT
NOT FOR RECORDATION,
CONVEYANCES OR SALES

CESI
CONVEYANCE SURVEYING
1200 S. CAROLINA BOULEVARD, SUITE 200
COLUMBIA, SC 29201
PHONE: 803-733-1111
WWW.CESI.COM



Laurens-Newberry County Line

- The existing old roadbed of the Old 96 Road intersects with SC Hwy 66 near the “Brickhouse”
- From that point SC Hwy 66 more-or-less follows the Old 96 Road roadbed for the next approximately 1.25 miles





Laurens-Newberry County Line

- With some existing sections of old roadbed paralleling SC Hwy 66 located and mapped

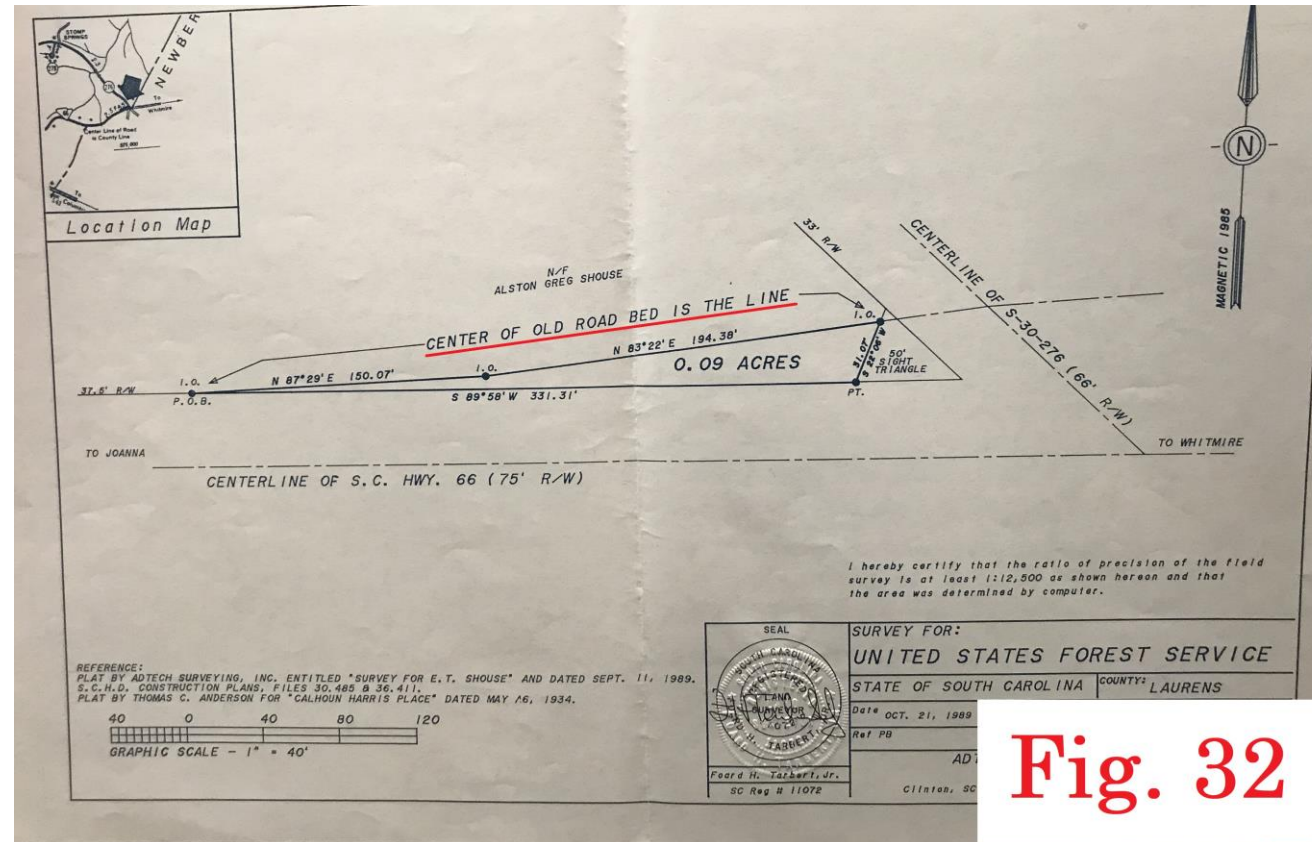


Fig. 32





Laurens-Newberry County Line



- The Old 96 Road turns south and leaves SC Hwy 66 at about Newberry Parcel 163-1
- South of that property the old roadbed is very evident
- Both counties use the western line of this parcel for the GIS county line

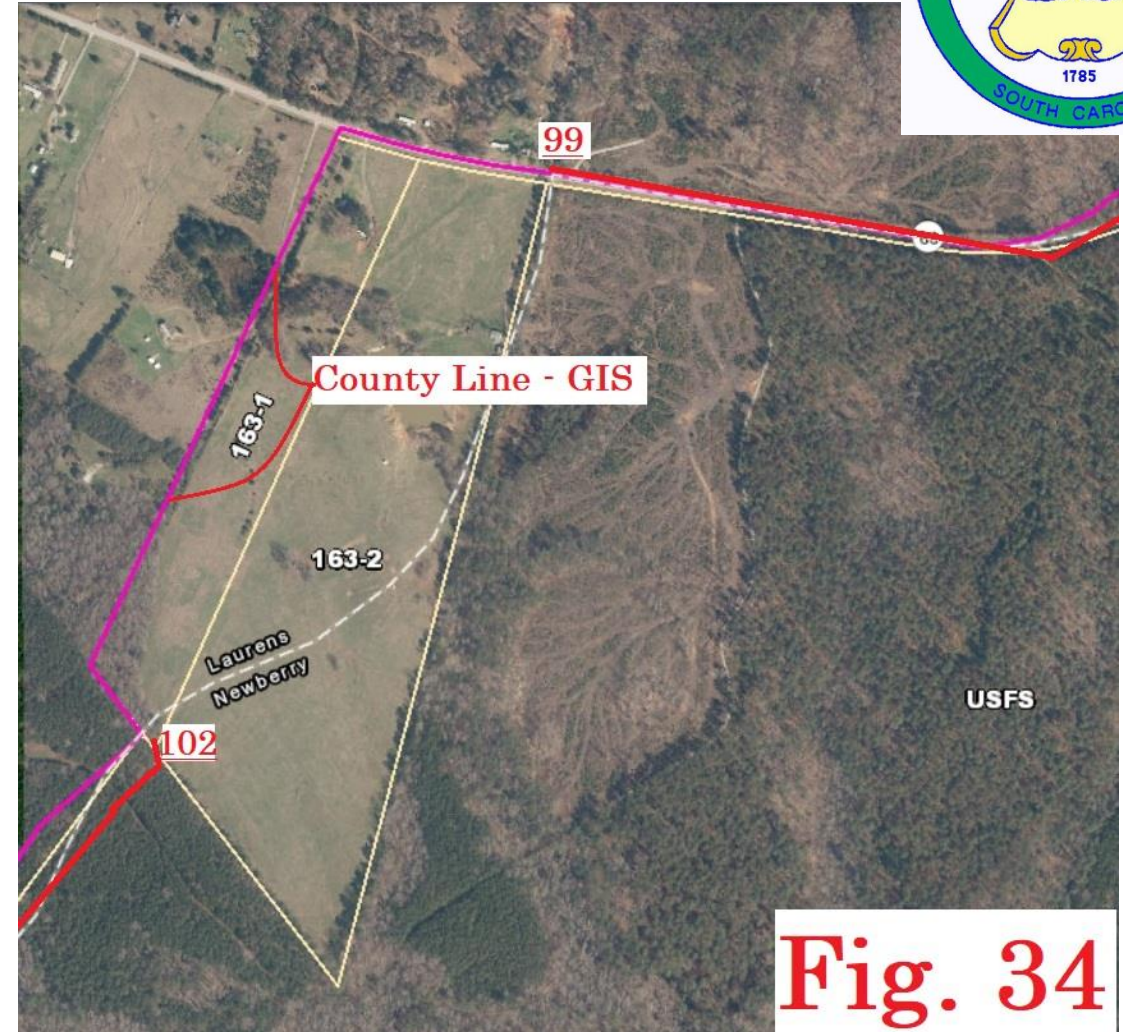


Fig. 34





Laurens-Newberry County Line



- Extensive research and field investigation failed to turn up a definitive location for the Old 96 Road on this property
- However, a 1934 US Forest Service survey of the property to the south showed the Old 96 Road going north towards present day SC Hwy 66



Fig. 37





Laurens-Newberry County Line



- When we located the western line of Newberry Parcel 163-1 and overlaid it on the 1934 survey the Old 96 Road was close to the property line
- Since it was close, and both counties used it as the GIS county boundary, we chose to use it, as well

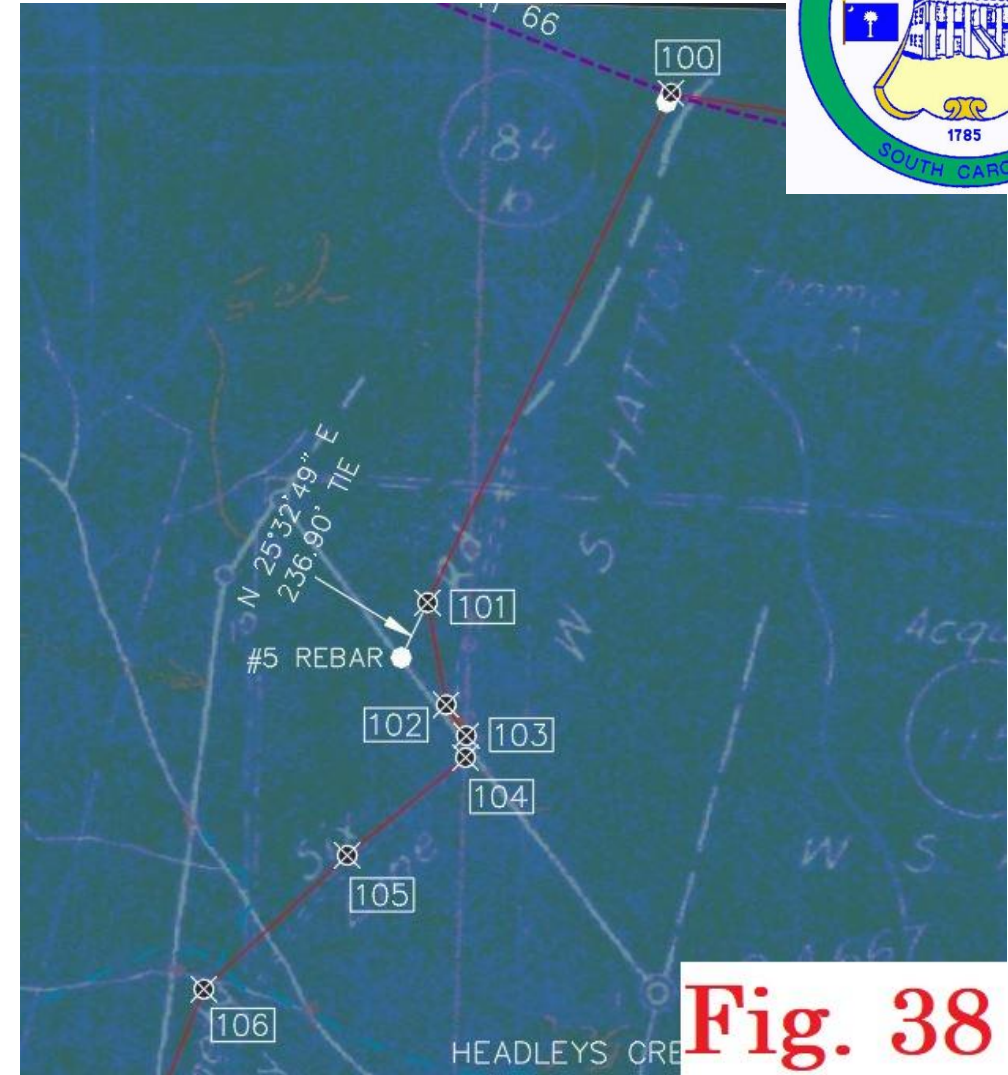


Fig. 38





Laurens-Newberry County Line



- From that point to I-26 we followed the existing Old 96 Road roadbed
- Many maps and deeds through this area identified the roadbed as being the Old 96 road and the county boundary





Laurens-Newberry County Line



- South of I-26 the old roadbed continued and is identified in maps and surveys as the Old 96 Road and the county boundary
- The Old 96 Road roadbed continues to be evident in most places between I-26 and Indian Creek

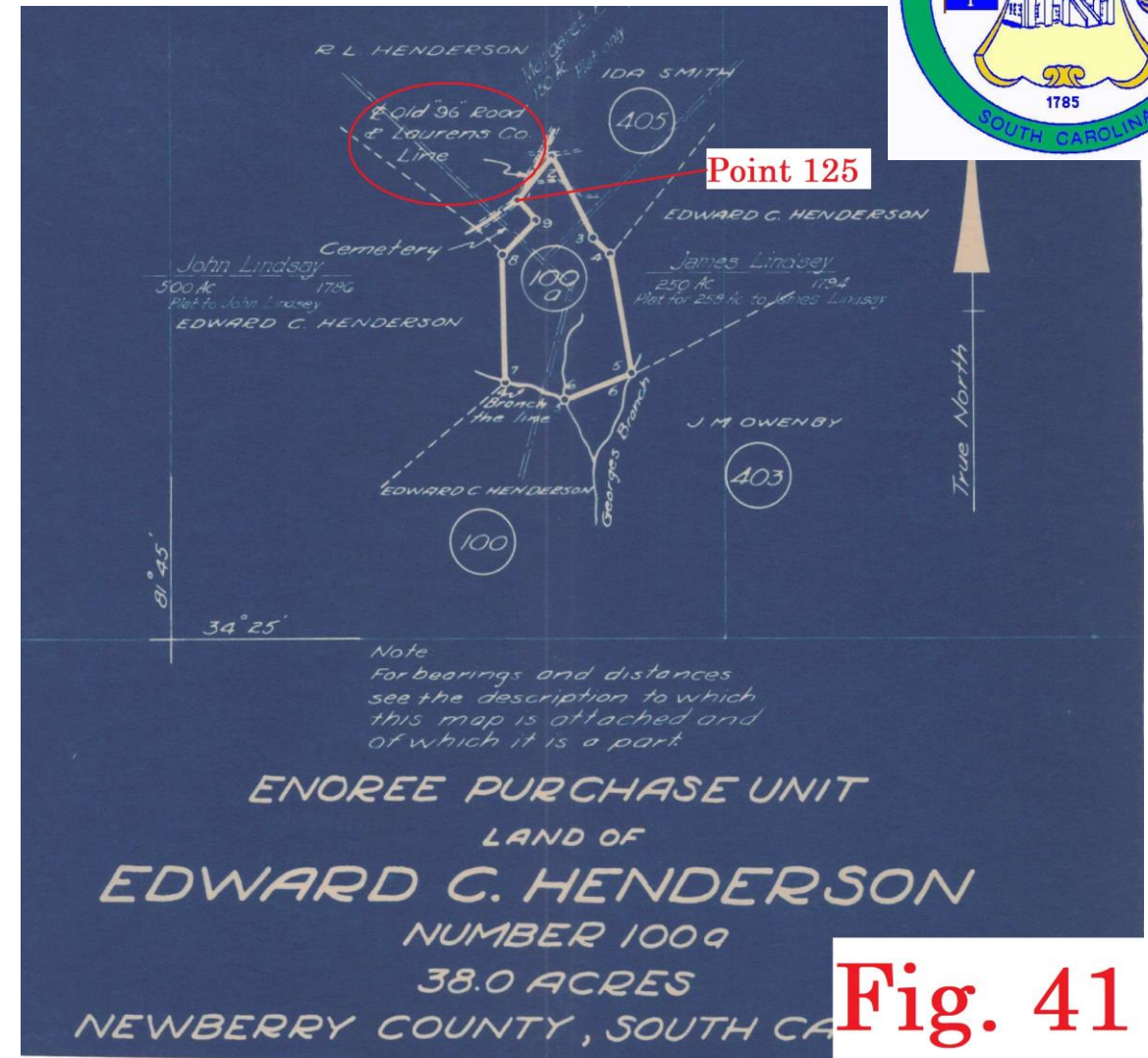
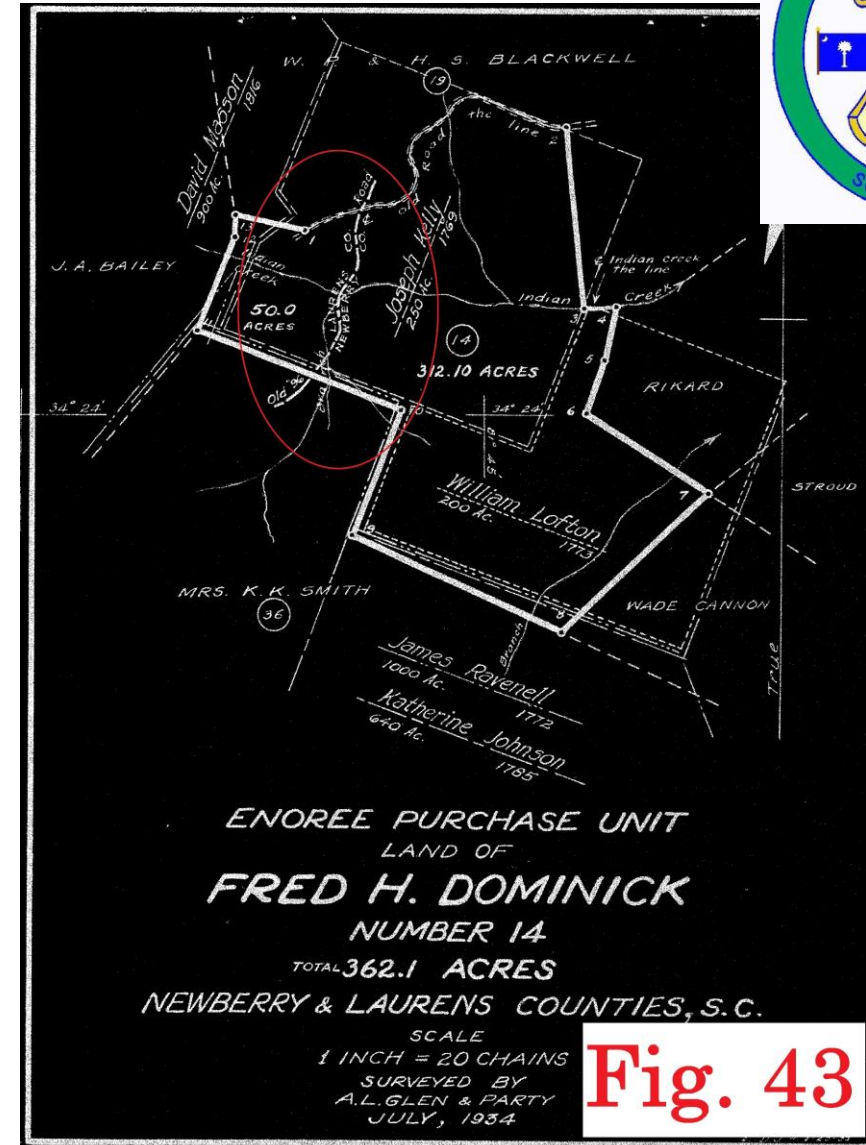
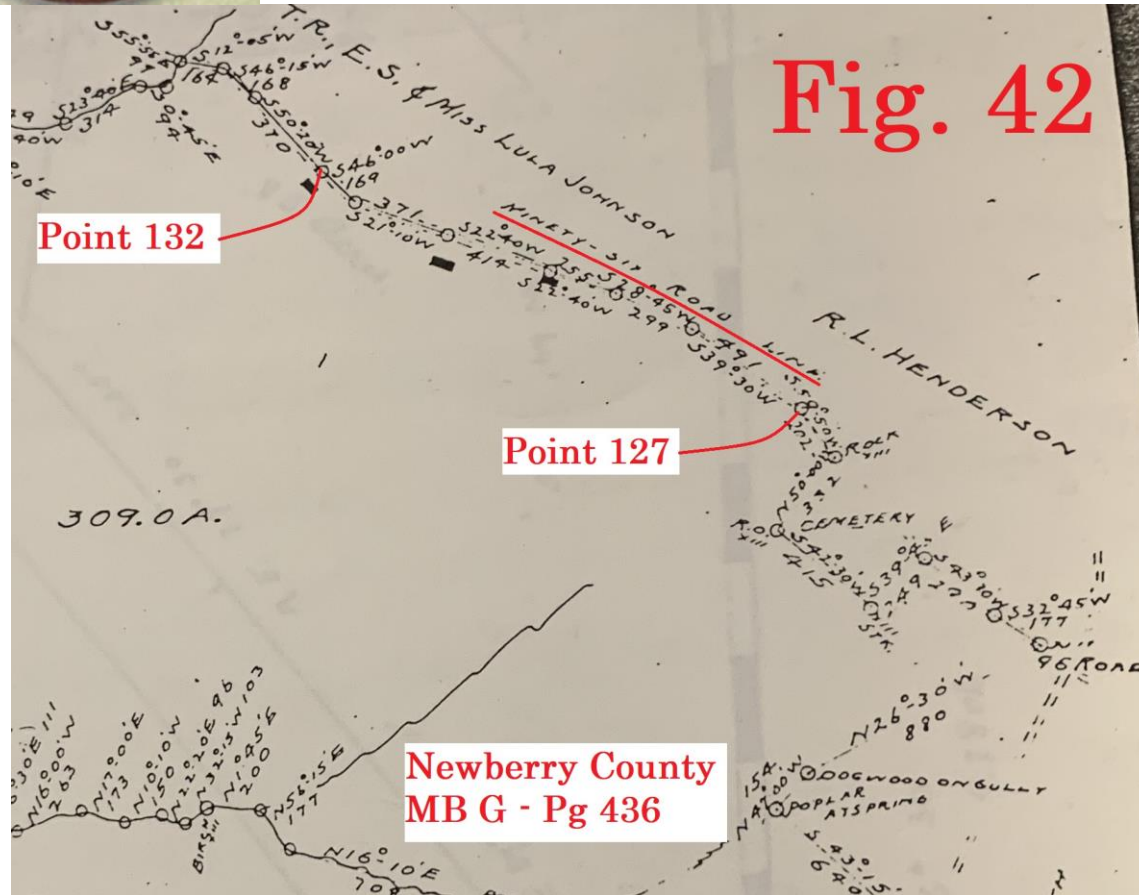


Fig. 41



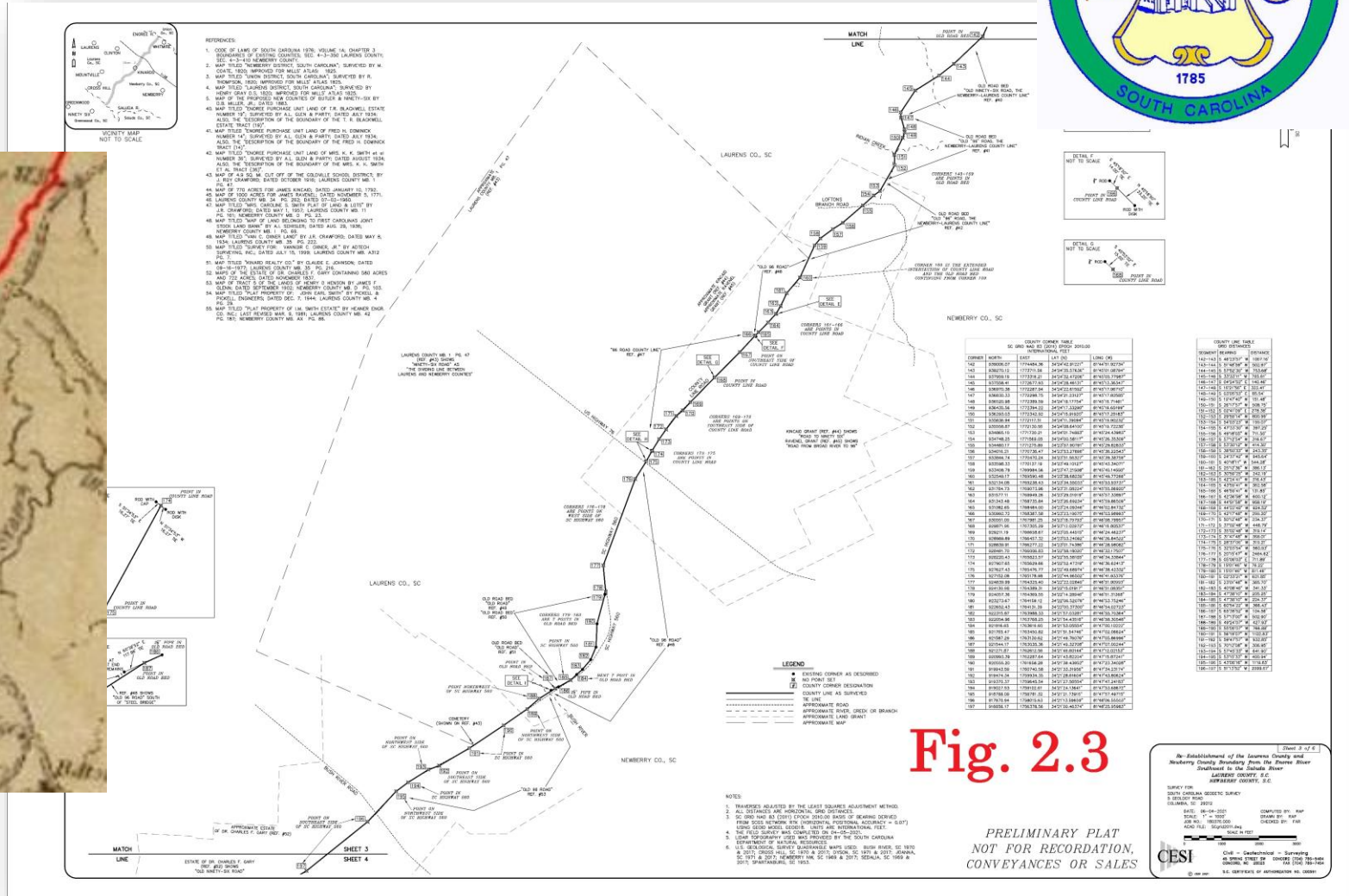
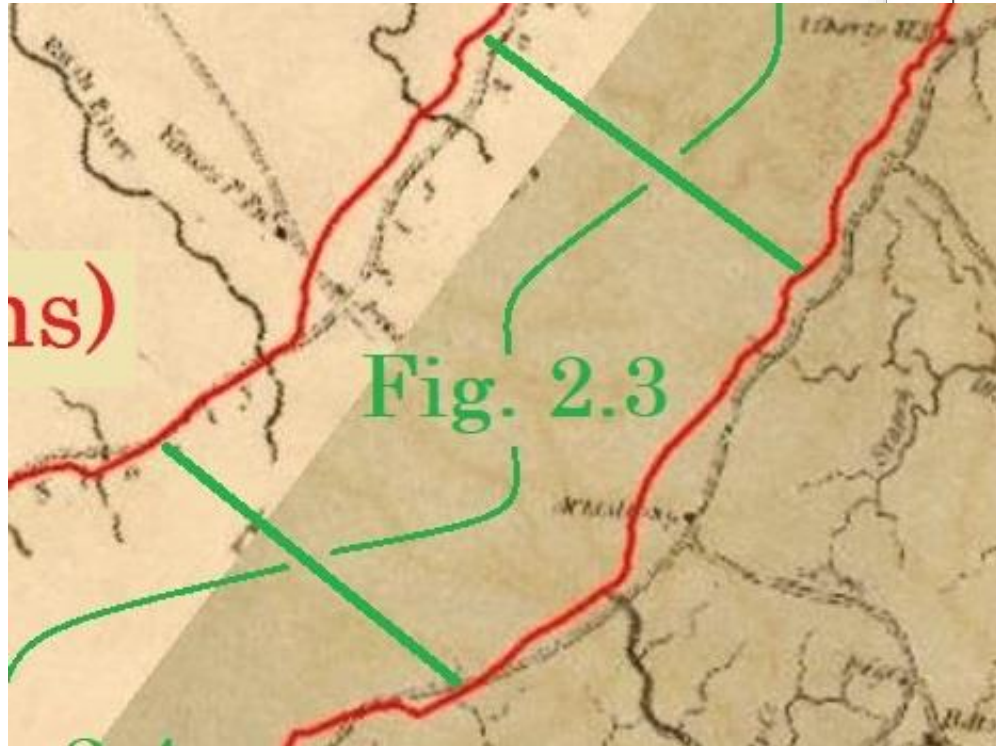


Laurens-Newberry County Line





Laurens-Newberry County Line

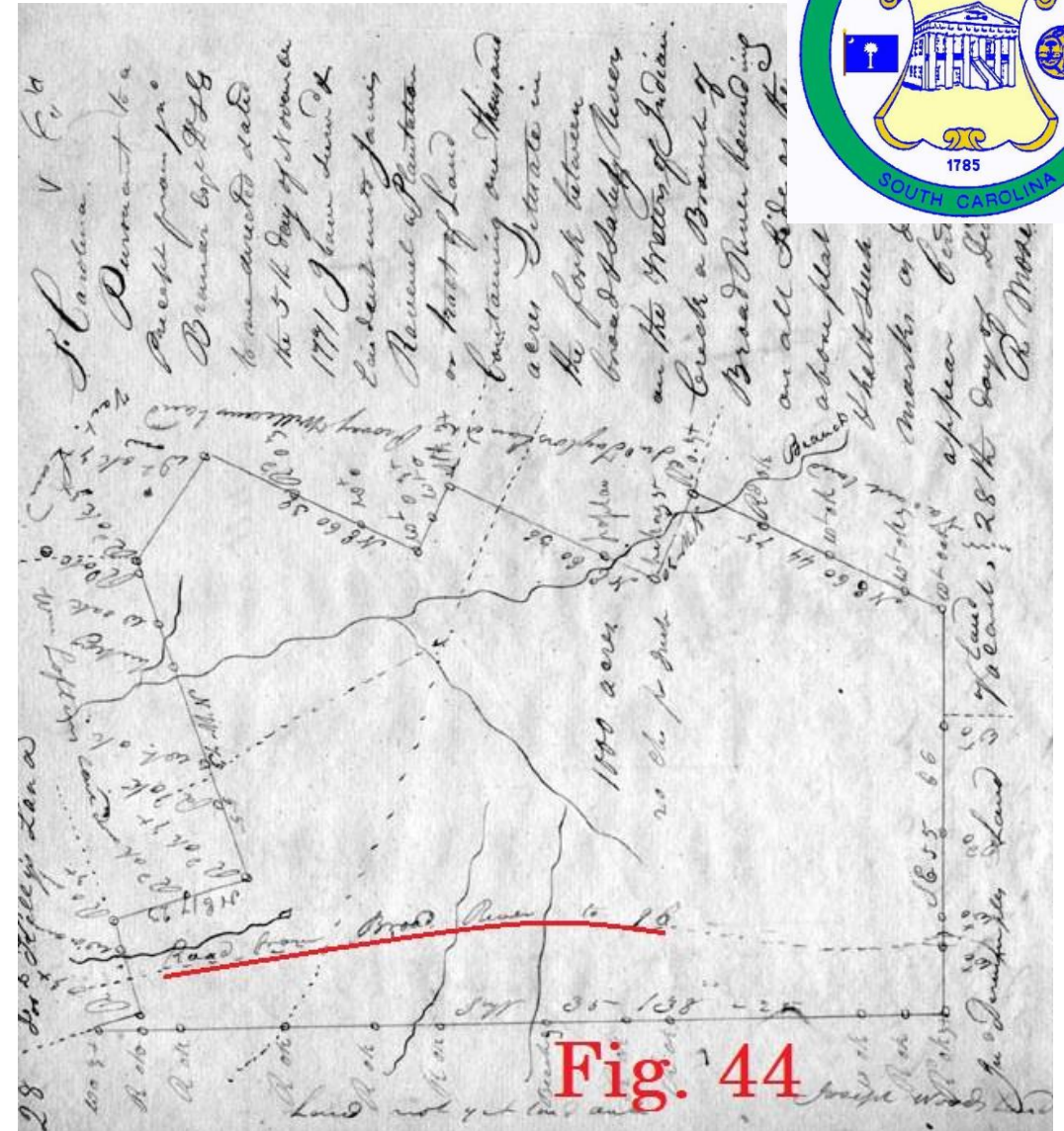




Laurens-Newberry County Line



- South of Indian Creek we encounter the first two grants showing the Old 96 Road which we can confidently place on the ground
- A 1771 grant to James Ravenel for 1000 acres
- “Road from Broad River to 96”





Laurens-Newberry County Line

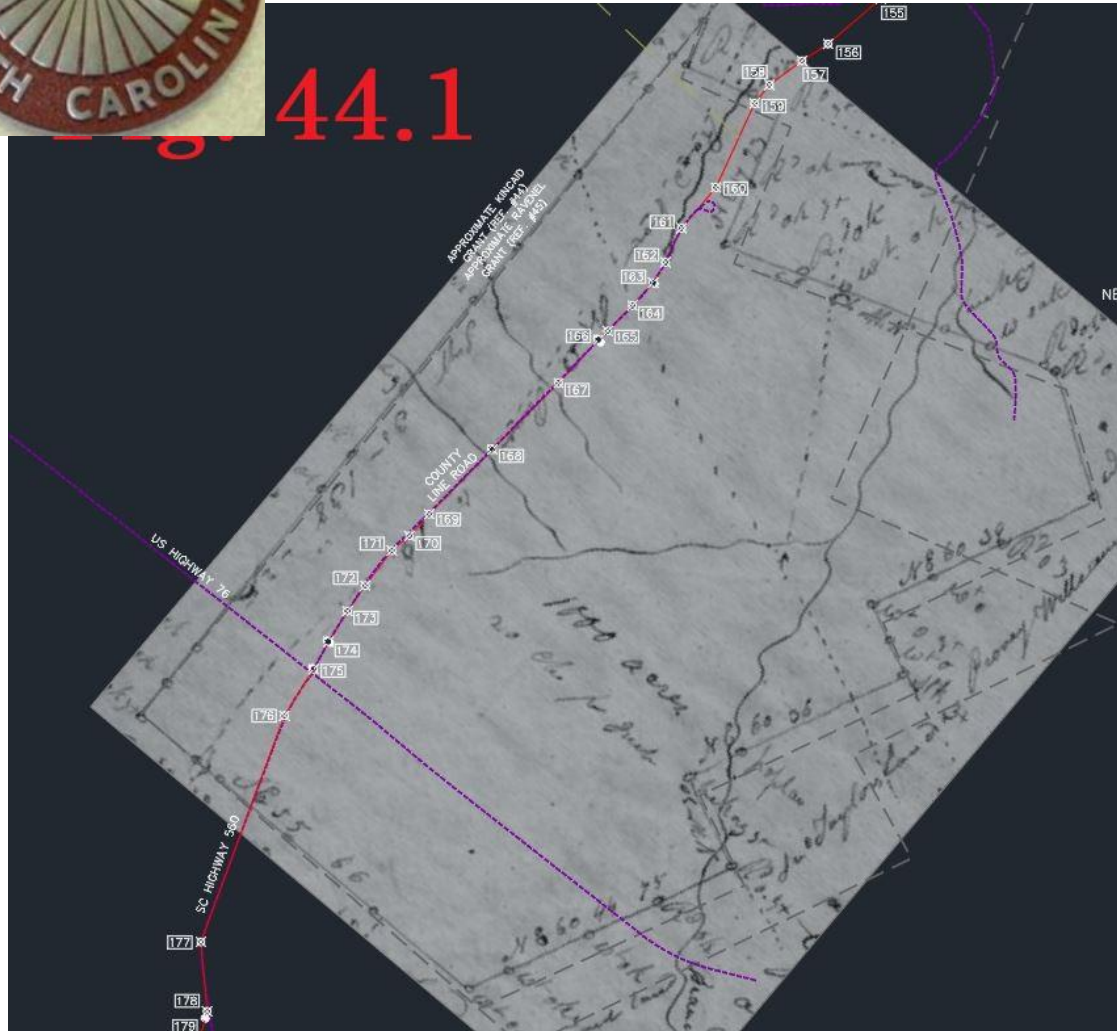


- ...and a 1792 grant to James Kincaid
- “Road to Ninety Six”





Laurens-Newberry County Line



44.1

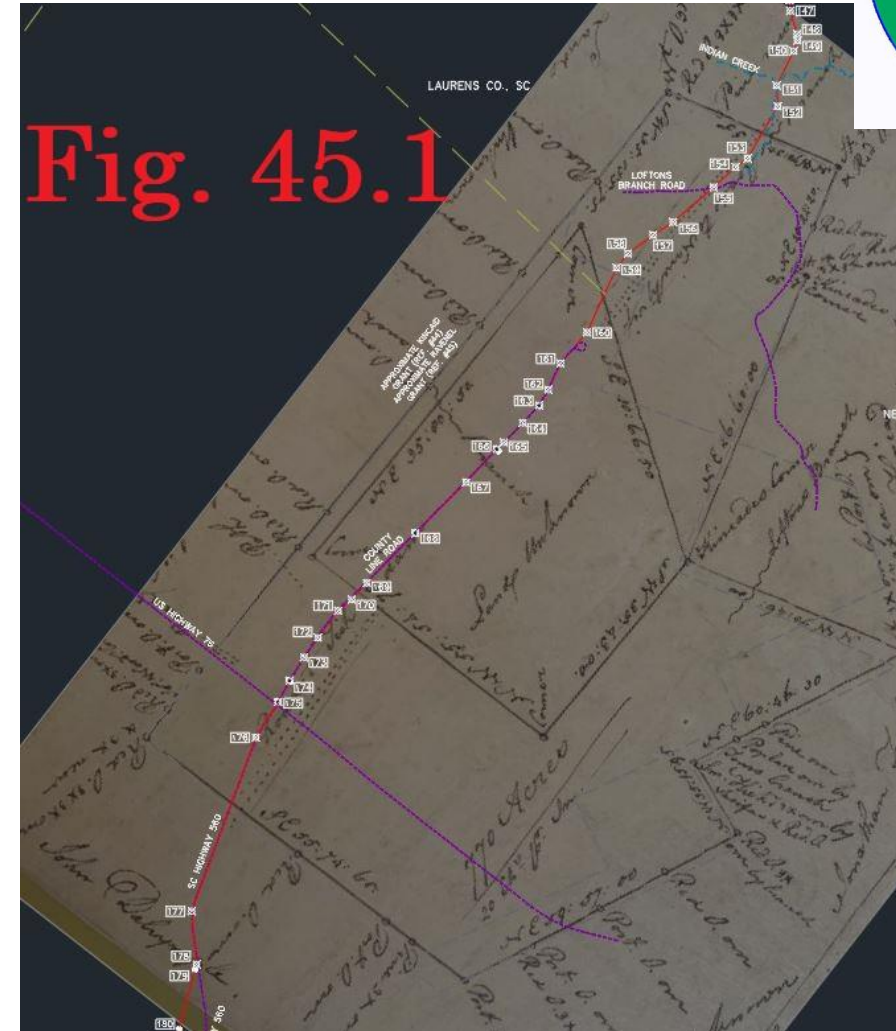


Fig. 45.1

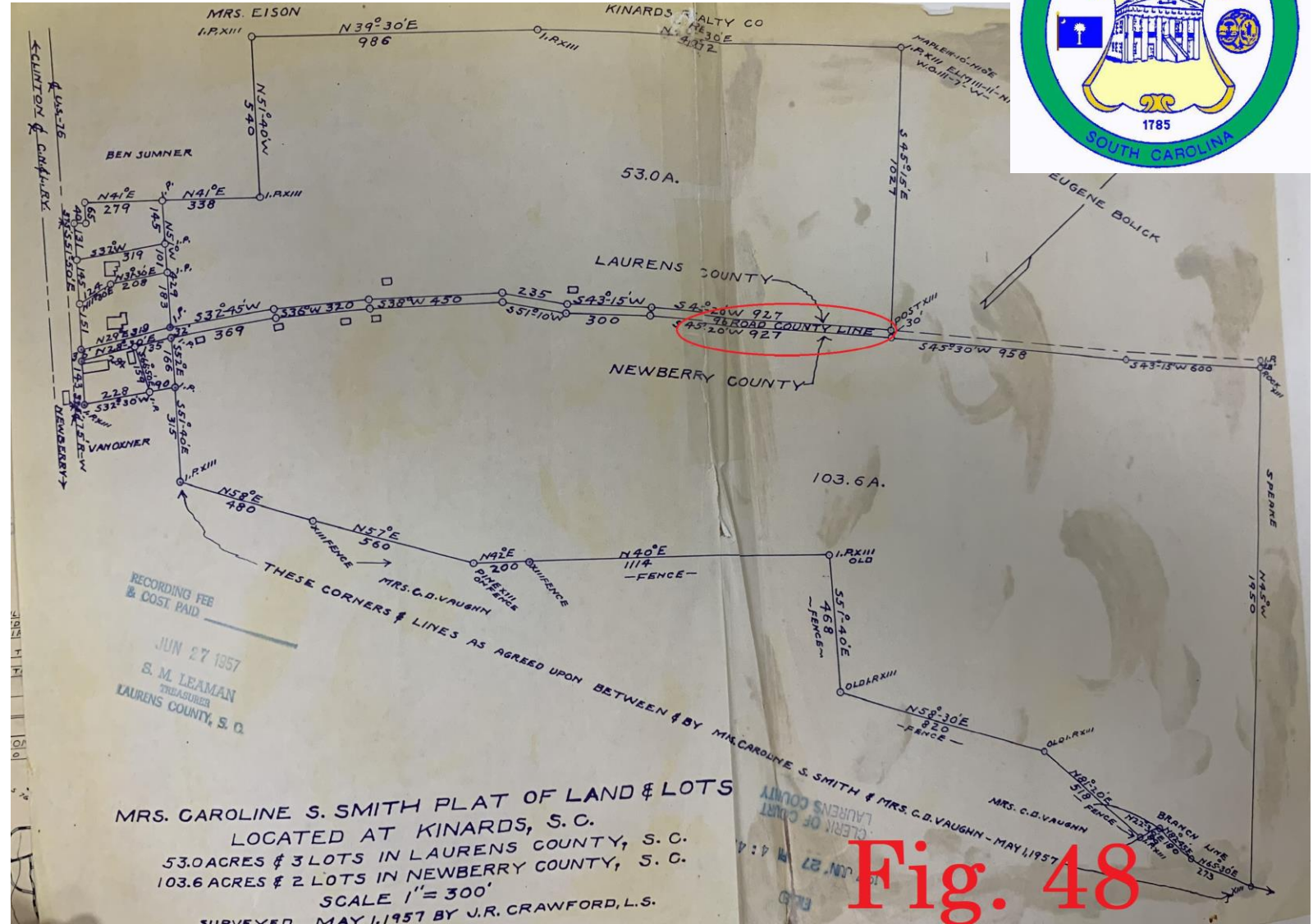




Laurens-Newberry County Line



- North of Kinards, County Line Road runs in the Old 96 Road roadbed

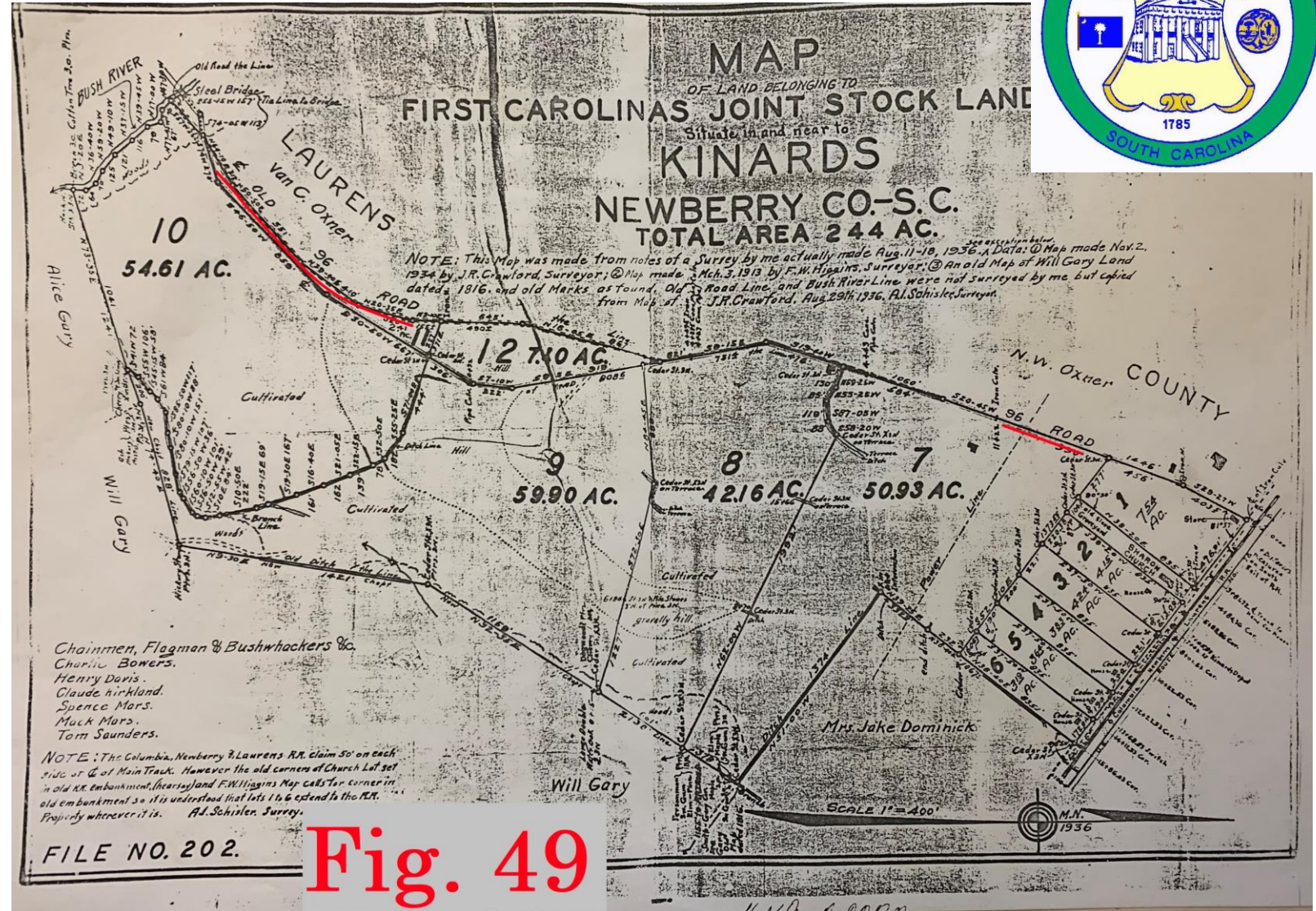




Laurens-Newberry County Line



- South of Kinards, the Old 96 Road runs in, and on both sides of SC Hwy 560
- To the Bush River...





Laurens-Newberry County Line



- ...and beyond.
- South of the Bush River the Old 96 Road crosses the Estate of Dr. Charles F. Gary, surveyed in 1837



Fig. 52

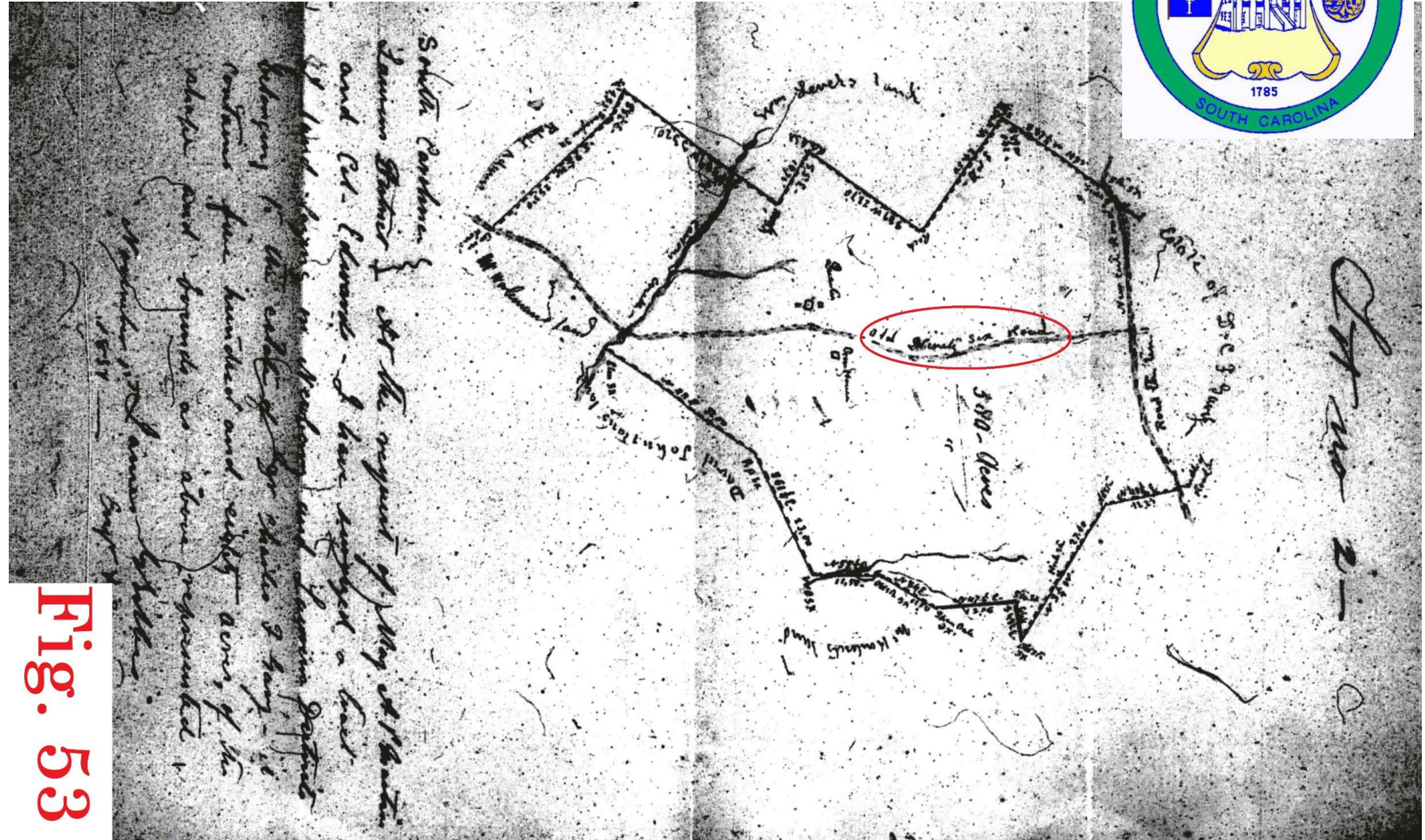




Laurens-Newberry County Line



- The 1837 Gary surveys show the “Old Ninety Six Road”

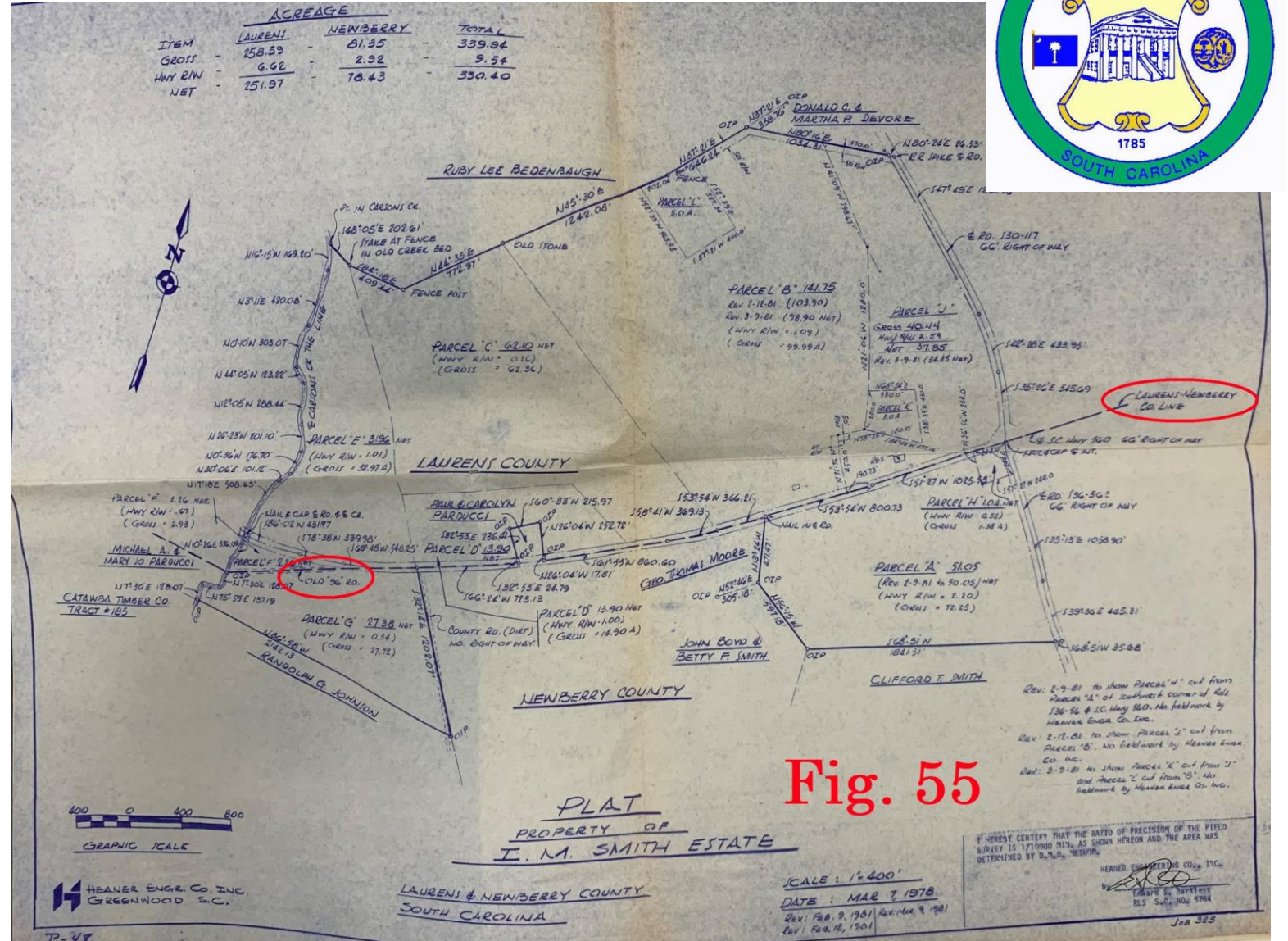




Laurens-Newberry County Line



- Through this area we continued to locate the Old 96 Road from segments of old roadbed and more recent surveys...

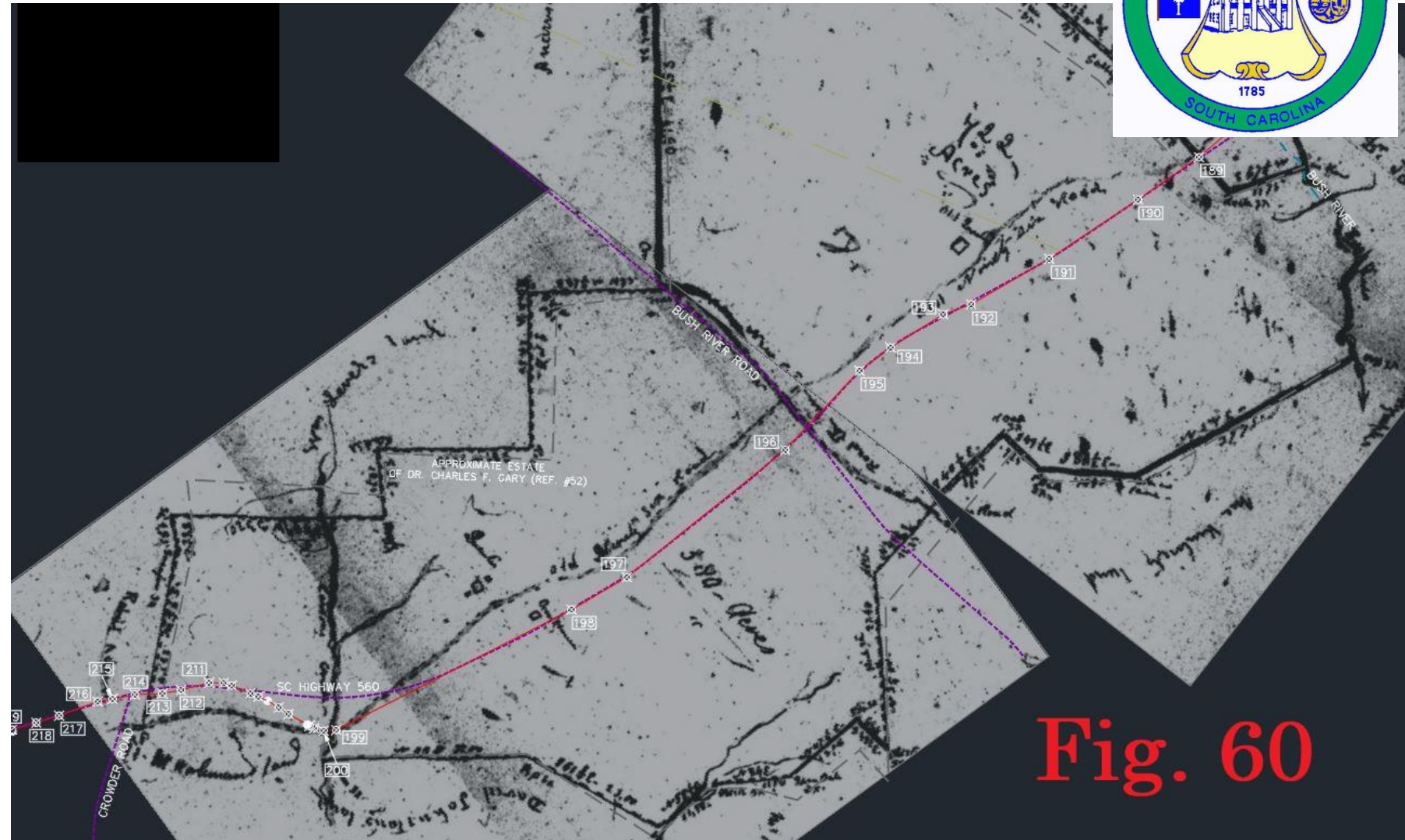




Laurens-Newberry County Line



- ...and when our location of the Old 96 Road is overlaid on the combined Gary surveys...
- ...it matches pretty well





Laurens-Newberry County Line

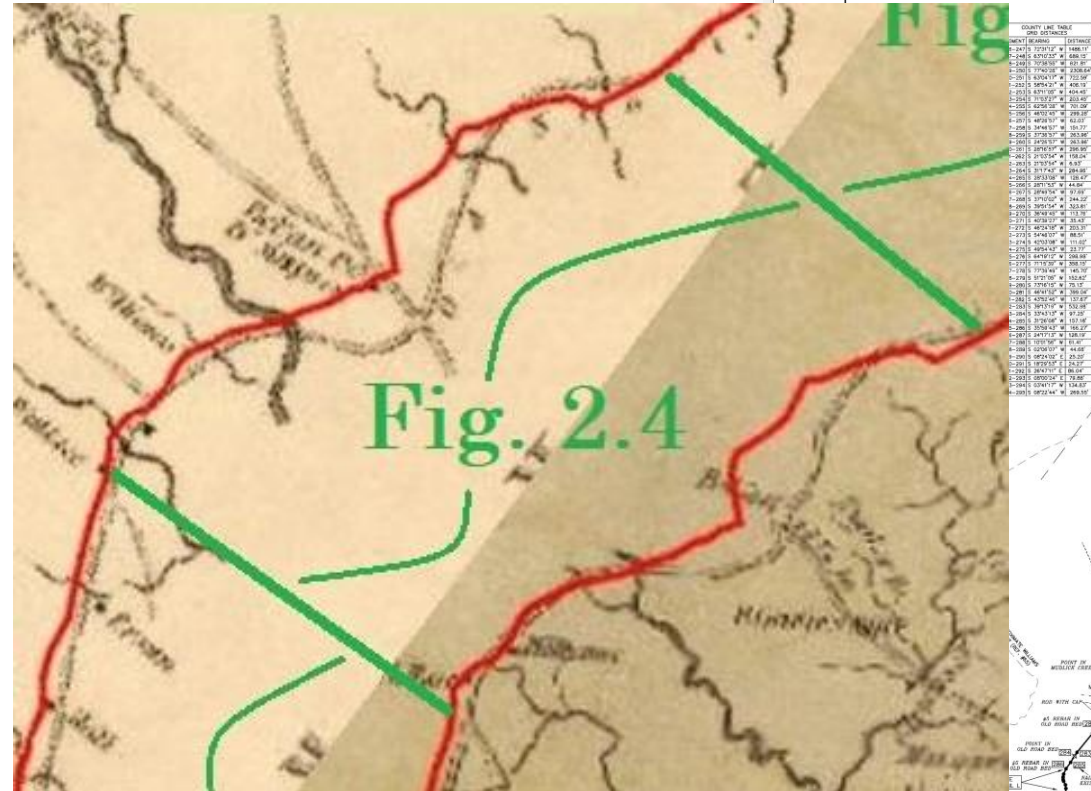
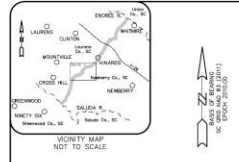


Fig. 2.4



- REFERENCES:
1. DEED OF LAND IN SOUTH CAROLINA TERN, THOMAS H. CHAPMAN'S SUCCESSION OF FACTORY COUNTY, SEC. 43-50 LAURENS COUNTY, SOUTH CAROLINA, NEWBERRY COUNTY, SOUTH CAROLINA, SURVEYED BY M. COATE, TERN APPROVED FOR WELLS ATLAS. 1925.
 2. MAP TITLED "NEWBERRY DISTRICT, SOUTH CAROLINA," SURVEYED BY R. MONTGOMERY, TERN APPROVED FOR WELLS ATLAS 1825.
 3. MAP OF THE PROPOSED NEW COURSES OF WELLS & MOUNTAIN BY HENRY GRAY D.S. 1825, APPROVED FOR WELLS ATLAS 1825.
 4. MAP OF THE PROPOSED NEW COURSES OF WELLS & MOUNTAIN BY W.B. WELLS, JR. DATED 1924.
 5. MAP OF THE S.W. CORNER OF LONESOME L. SARTY CONTAINING 500 ACRES BEING LONESOME DISTRICT, NEWBERRY COUNTY ME. 11, P.C. 103.
 6. MAP TITLED "PLAT PROPERTY OF J. SMITH, SMITH BY PROFFER & HOGUE, ENGINEERS, DATED DEC. 7, 1904, LAURENS COUNTY ME. 4 P.C. 5.
 7. MAP TITLED "PLAT PROPERTY OF J. SMITH, SMITH BY HEARD ENGR. CO. 1922, LAST REVISED MAR. 9, 1924, LAURENS COUNTY ME. 12 P.C. 123.
 8. MAP TITLED "PLAT PROPERTY FOR WELLS & MOUNTAIN" BY LONGSHORE ENGINEERS, DATED FEB. 27, 1921, LAURENS COUNTY ME. 214 P.C. 30.
 9. MAP TITLED "SURVEY FOR LUNA FABRIQUE, 1907" BY DANIEL LANE SURVEYOR, DATED SEPTEMBER 16, 1907, LAURENS COUNTY ME. 457 P.C. 2.
 10. MAP BY JOHN C. BELMONT, DATED JUNE 1918, LAURENS COUNTY ME. 5.
 11. MAP TITLED "CATAMBA TRUSS COMPANY PLAT OF 561 ACRES BY THE S. COMPANY, DATED DEC. 1, 1926, NEWBERRY COUNTY ME. P. 78.
 12. MAP TITLED "DIVISION ESTATE OF MAMIE M. BISHOP" BY CLAUDE E. JOHNSON, ENGINEER, 1922, LAURENS COUNTY LINE TRACT FROM PLAT BY JACOB M. MCDONOUGH DATED SEPT. 1940, NEWBERRY COUNTY ME. 10, P. 25.
 13. MAP TITLED "SURVEY FOR THE CATAMBA TRUSS COMPANY OF THE SULLA C. COMPANY ESTATE, TRACT OF DAN. C. COLLIER, LAST REVISED MAY 17, 1926, LAURENS COUNTY ME. 5 P.C. 80.
 14. MAP OF "RELAY" COURSE, SECTION OF P. HOGAN, DATED 1924.
 15. MAP OF 1332 ACRES FOR JOHN W. SMITH, DATED SEPT. 1924.
 16. MAP OF 1/2 ACRES FOR BRAYTON WATKINS, DATED MAY 1924.
 17. MAP OF 1021 ACRES FOR JAMES GRAY WILLIAMS, DATED MAY 1924.
 18. MAP TITLED "RELAIS PLANTATION, L.L.C. BY TOS LANE SURVEYOR, 1924, LAURENS COUNTY ME. 483 P.C. 2.
 19. MAP "SPRINGFIELD PLANTATION, L.L.C." TRACT 76 2/3 ACRES, IN PART, DATED 10-10-1920.
 20. MAP TITLED "WATKINS' BY CLAUDE E. JOHNSON, DATED AUGUST 1924, LAURENS COUNTY ME. 6 P.C. 102.
 21. MAP TITLED "SURVEY FOR ROBERT E. SMITH BY CL. SMITH, JR. DATED SEPTEMBER 20, 1924, NEWBERRY COUNTY ME. 238 P.C. 15.
 22. MAP TITLED "TODDINGTON SURVEY FOR CONSTRUCTION, L.L.C. BY JOHN P. HOGAN, DATED 04-17-2021, NEWBERRY COUNTY ME. CEM. 17.
 23. MAP TITLED "PLAT FOR CONSTRUCTION, L.L.C. BY JOHANN D. BONGARD, DATED 05-26-2020, LAURENS COUNTY ME. A23, P.3 & 4.

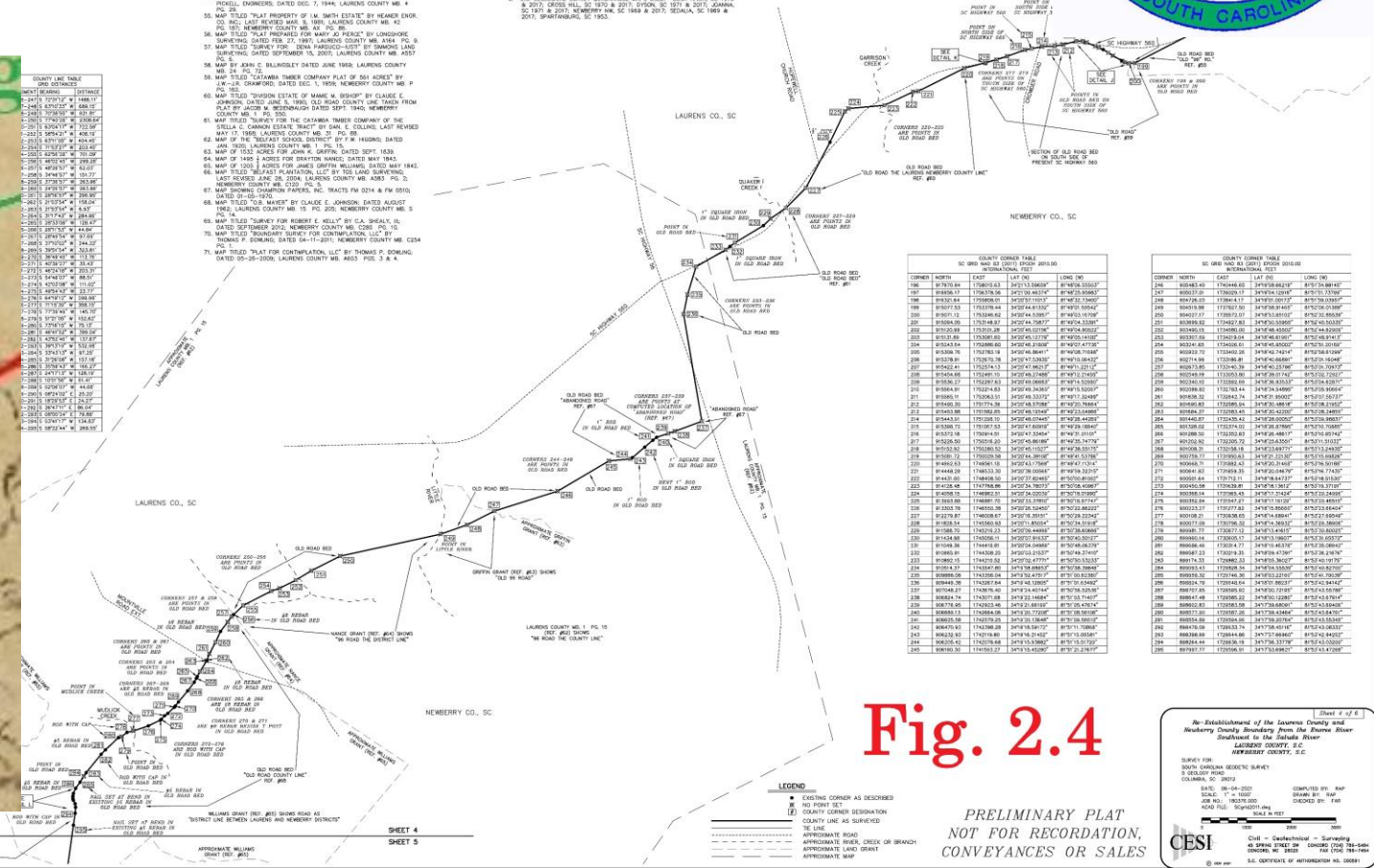


Fig. 2.4



Laurens-Newberry County Line



• The Old 96 Road continues in and along both sides of SC Hwy 560...

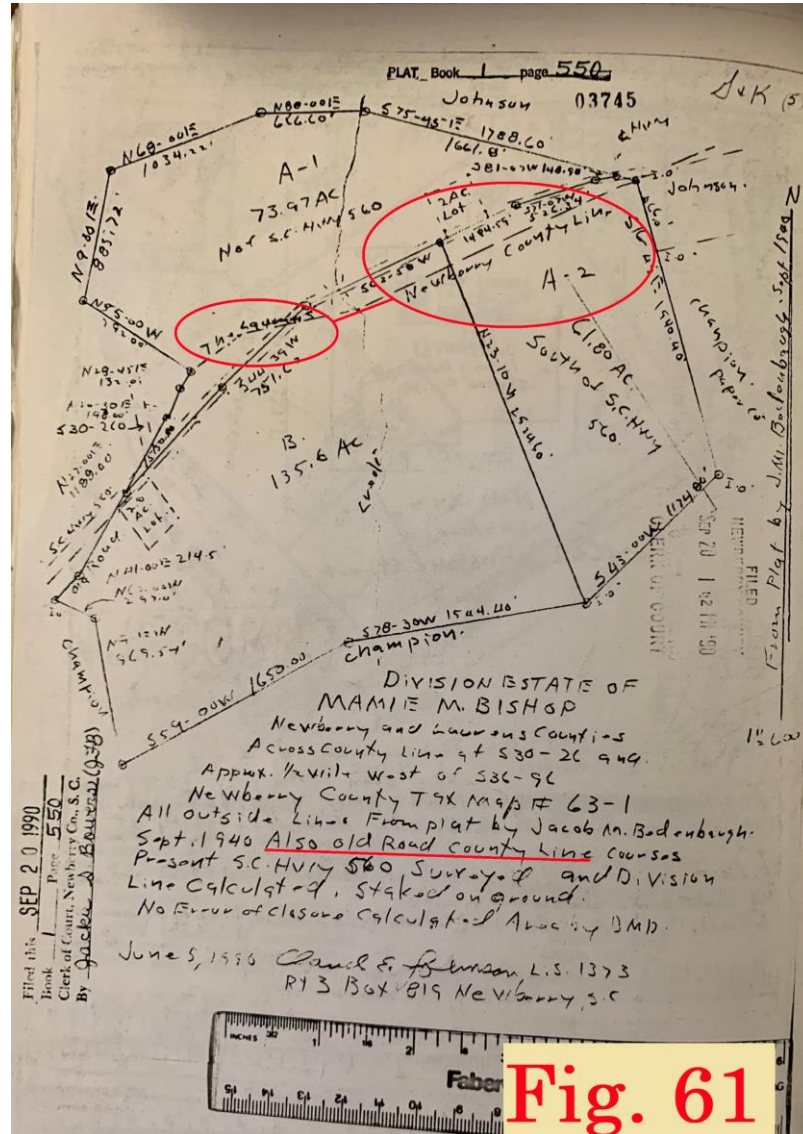


Fig. 61

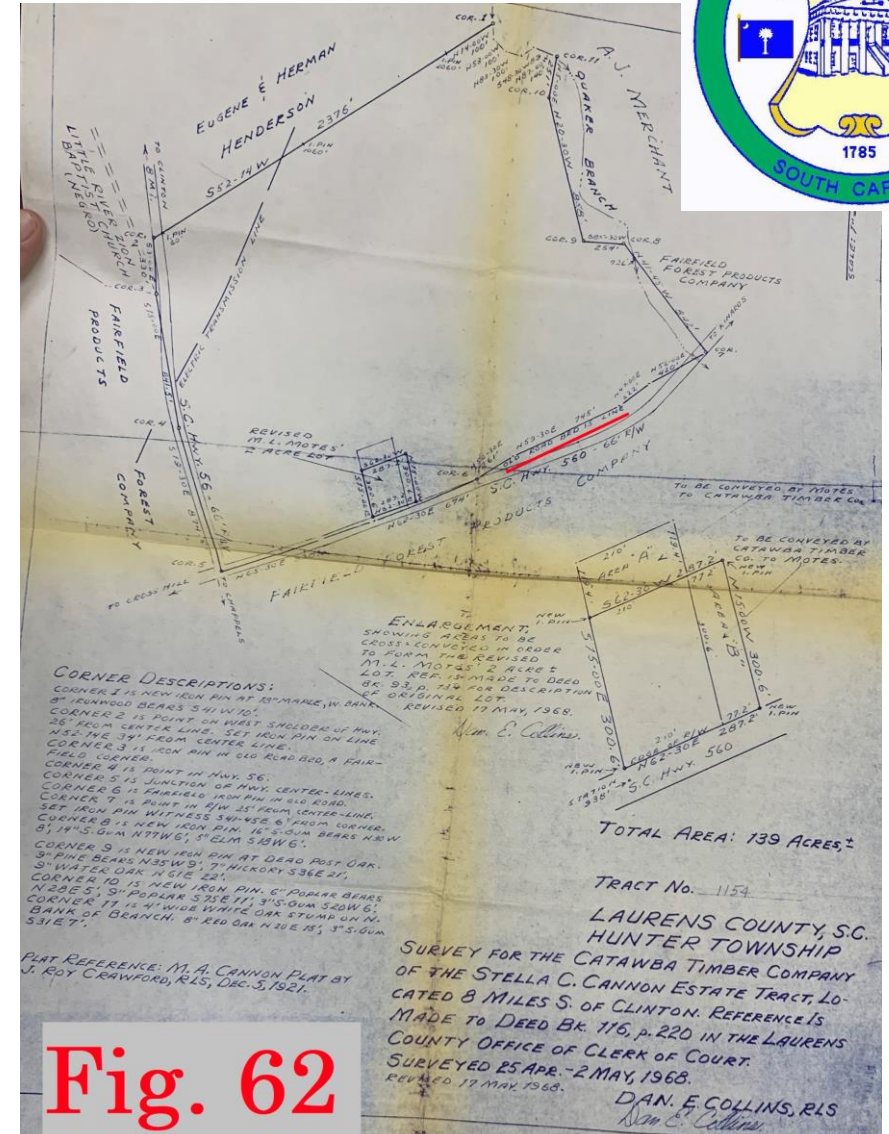
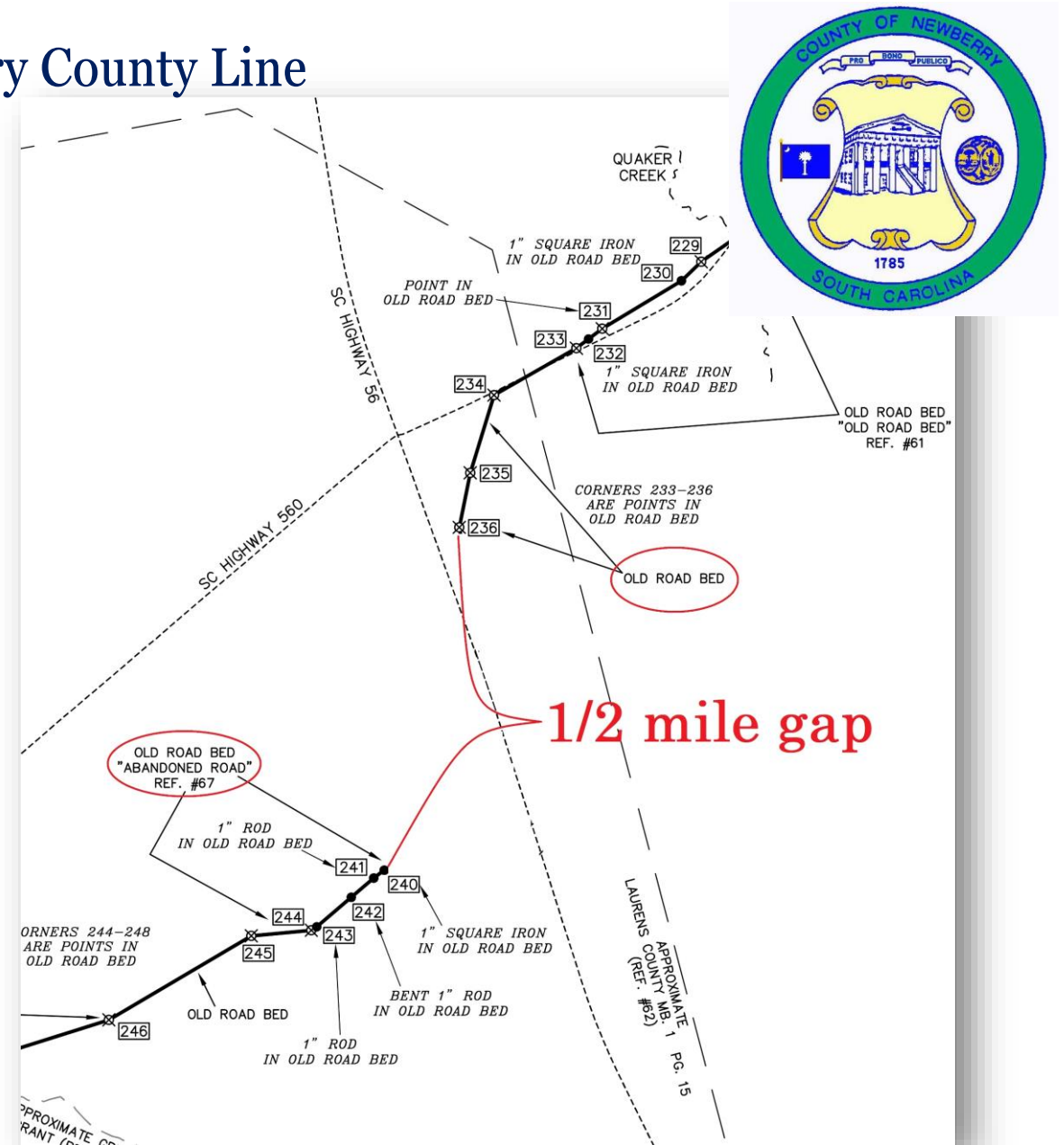


Fig. 62



Laurens-Newberry County Line

- ...until turning south just east of SC Hwy 56...
- ... and then the old roadbed ends 200' east of SC Hwy 56
- The old roadbed starts again one-half mile south and 1000' west of SC Hwy 56
- No deeds or grants in this area to fill in the missing half-mile gap





Laurens-Newberry County Line



- The half-mile gap is in front of Belfast plantation house, built in 1786, and now used as an activities and events center for Belfast Wildlife Management Area.
- Belfast WMA provides hunting and shooting opportunities on former timber properties



Fig. 63.2

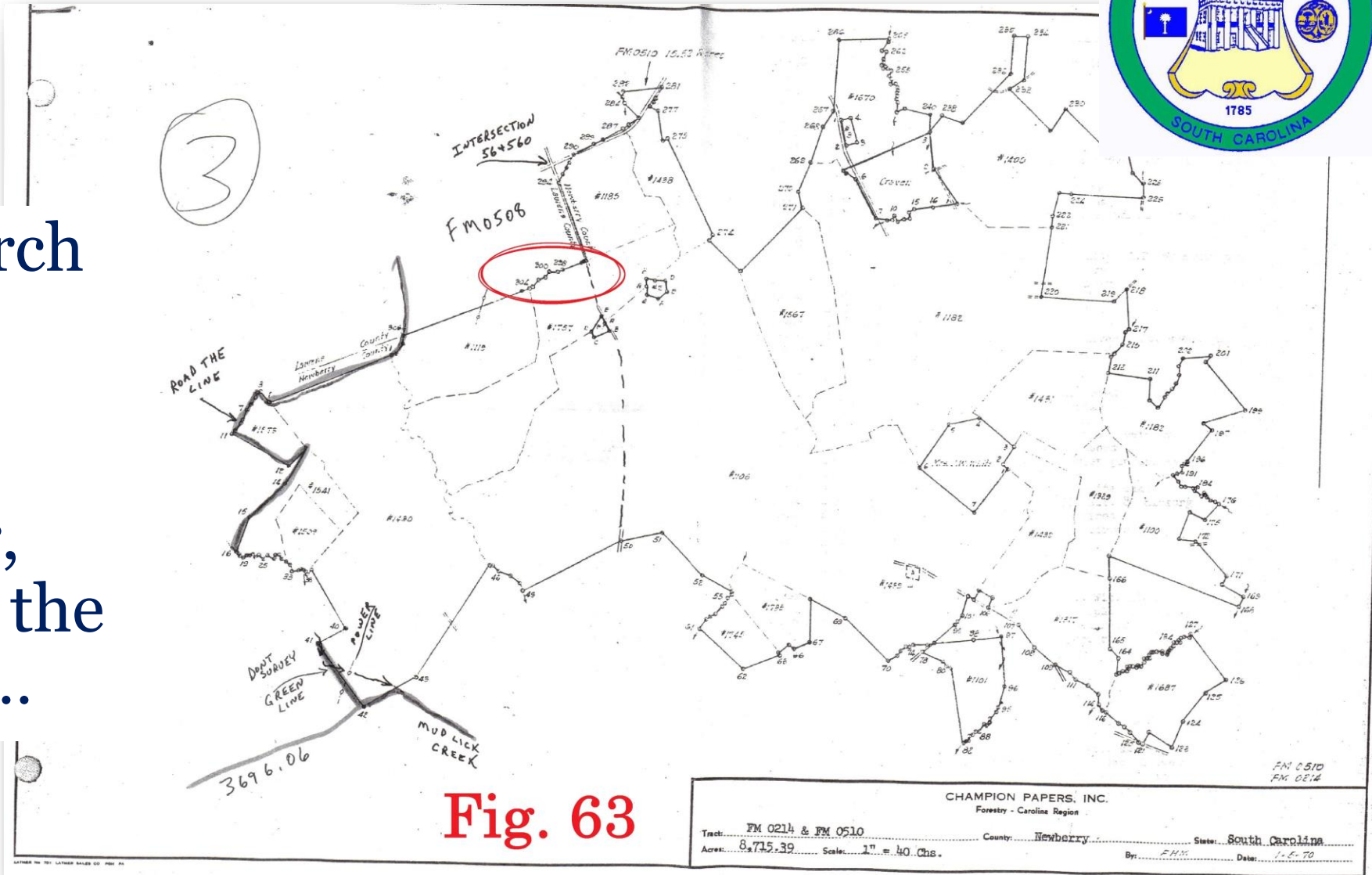




Laurens-Newberry County Line



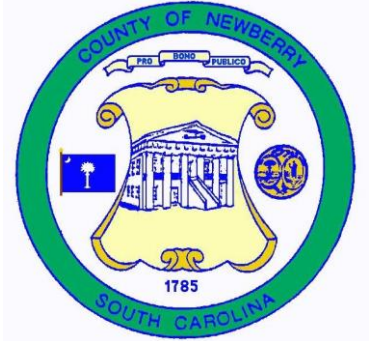
• Continued research turned up an unrecorded map done in 1970 for Champion Paper, Inc. that showed the area in question...





Laurens-Newberry County Line

- ...and gave locations for obliterated old roadbed going east towards SC Hwy 56



290-291	S 40 00' W	5.00	Along county line
291-292	S 32 00' W	2.75	" " "
292-293	S 27 30' W	4.00	" " "
293-294	S 20 20' W	6.40	" " " to center of S.C. Hwy. #56
294-295	S 20 15' E	40.00	Down center of S.C. Hwy. #56
295-296	N 72 20' W	0.70	Corner in S.C. Hwy. #56
296-297	S 76 45' W	2.00	I.P. in abandoned road
297-298	S 70 55' W	9.77	" " " "
298-299	S 73 20' W	2.36	" " " "
299-300	S 72 30' W	4.15	" " " "
300-301	S 54 40' W	1.61	" " " "
301-302	S 50 50' W	3.60	" " " "
302-303	S 50 30' W	5.56	" " " "
303-304	S 77 30' W	1.83	" " " "
304-305	S 70 00' W	3.40	Along County line
305-306	S 70 00' W	61.20	" " " to center Little River
306-307	S 10 30' W	3.43	Point in center Little River
307-308	S 35 00' W	8.24	" " " "
308-1	S 78 00' W	2.95	To the Beginning.

Fig. 63.1

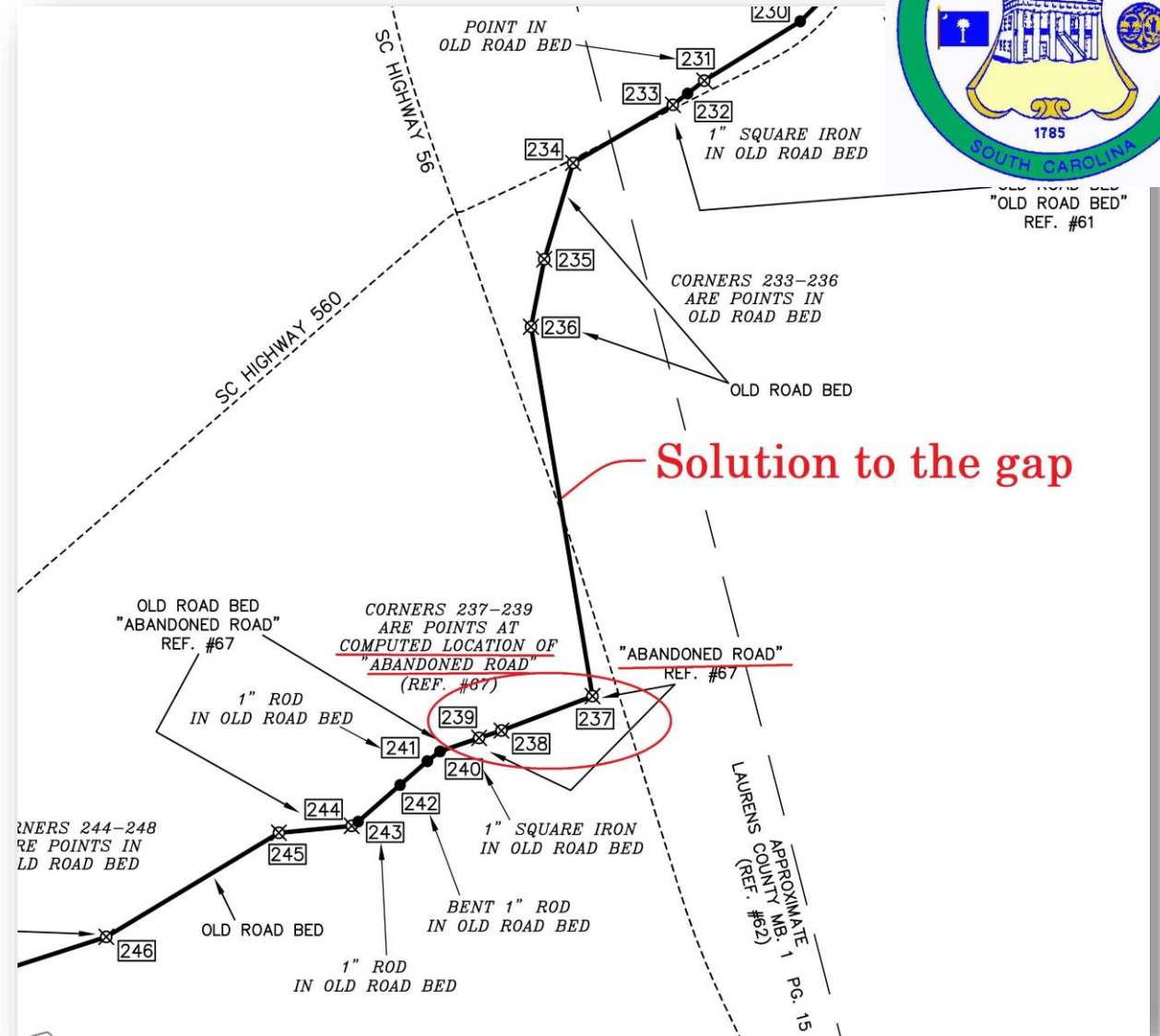




Laurens-Newberry County Line



- Connecting the last section of old roadbed (Point 236) with the first computed point of obliterated roadbed (Point 237) results in a straight line 2435.66' in length
- Old colonial ridge roads typically had lots of twists and turns, but not always.





Laurens-Newberry County Line



- Col. John Simpson built the Belfast plantation house in 1786, at essentially the same, exact time that the road was specified in Act. No 1263 (1785) as the county boundary
- How does that house compare to the line we just determined?



Fig. 63.2



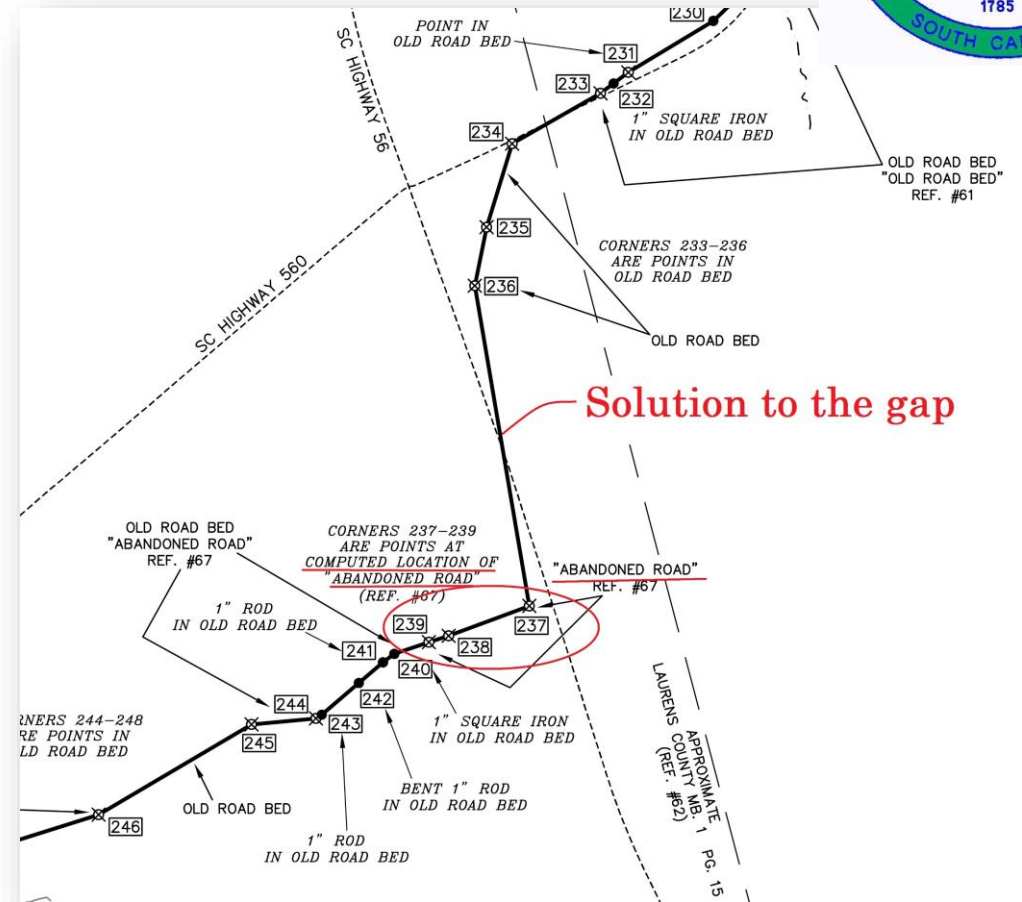


Laurens-Newberry County Line

• Pretty dang well! The house parallels the line.



Fig. 64





Laurens-Newberry County Line



- Proceeding southwest from SC Hwy 56 across the Belfast WMA the Old 96 Road is an easily discernable old roadbed
- For the next few miles several grants show the Old 96 Road
- First is the 1839 grant to John K. Griffin of 1532 acres at Little River

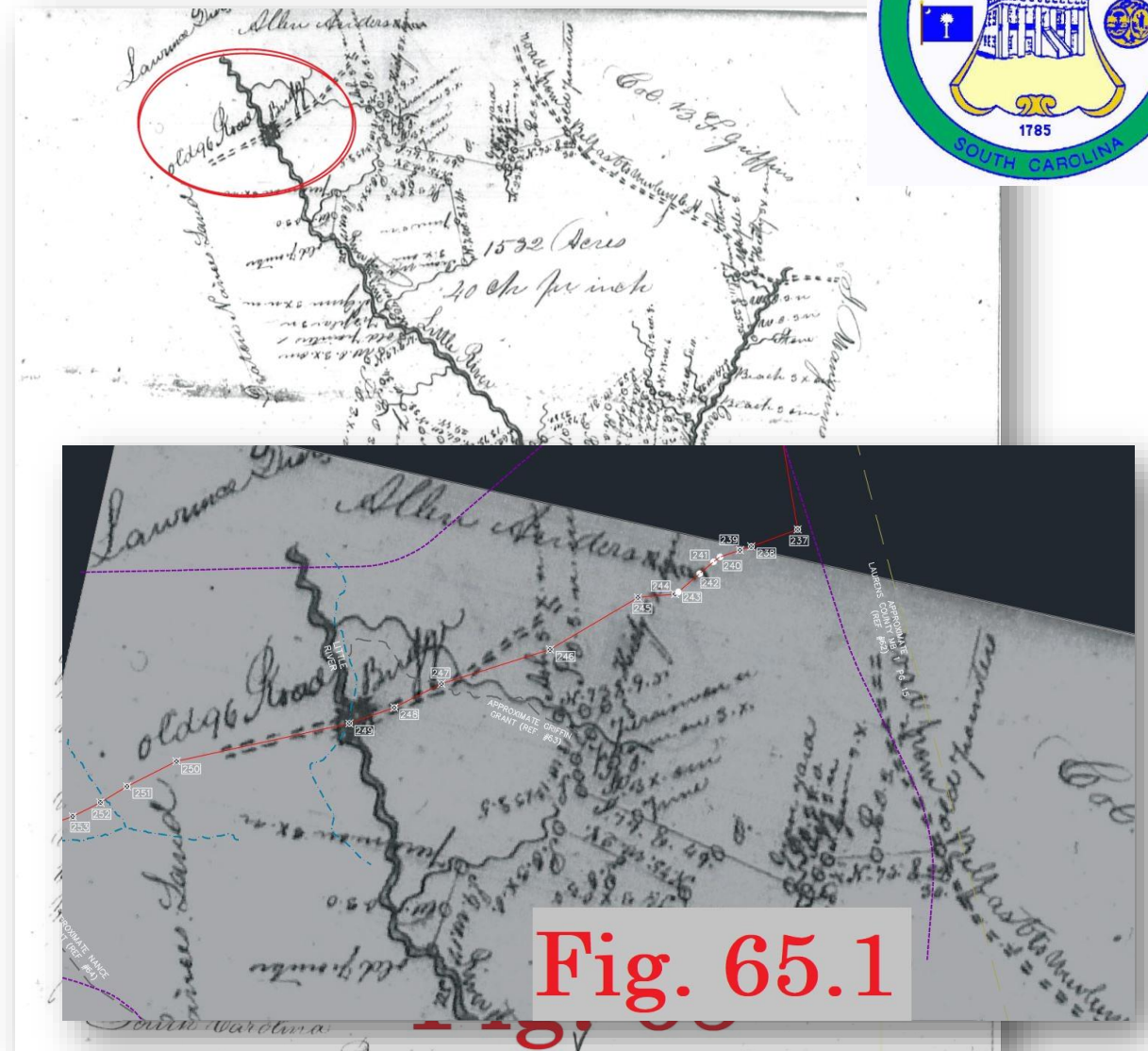


Fig. 65.1





Laurens-Newberry County Line



- Between Little River and Mountville Road is the 1843 grant to Drayton Nance of 1495.5 acres

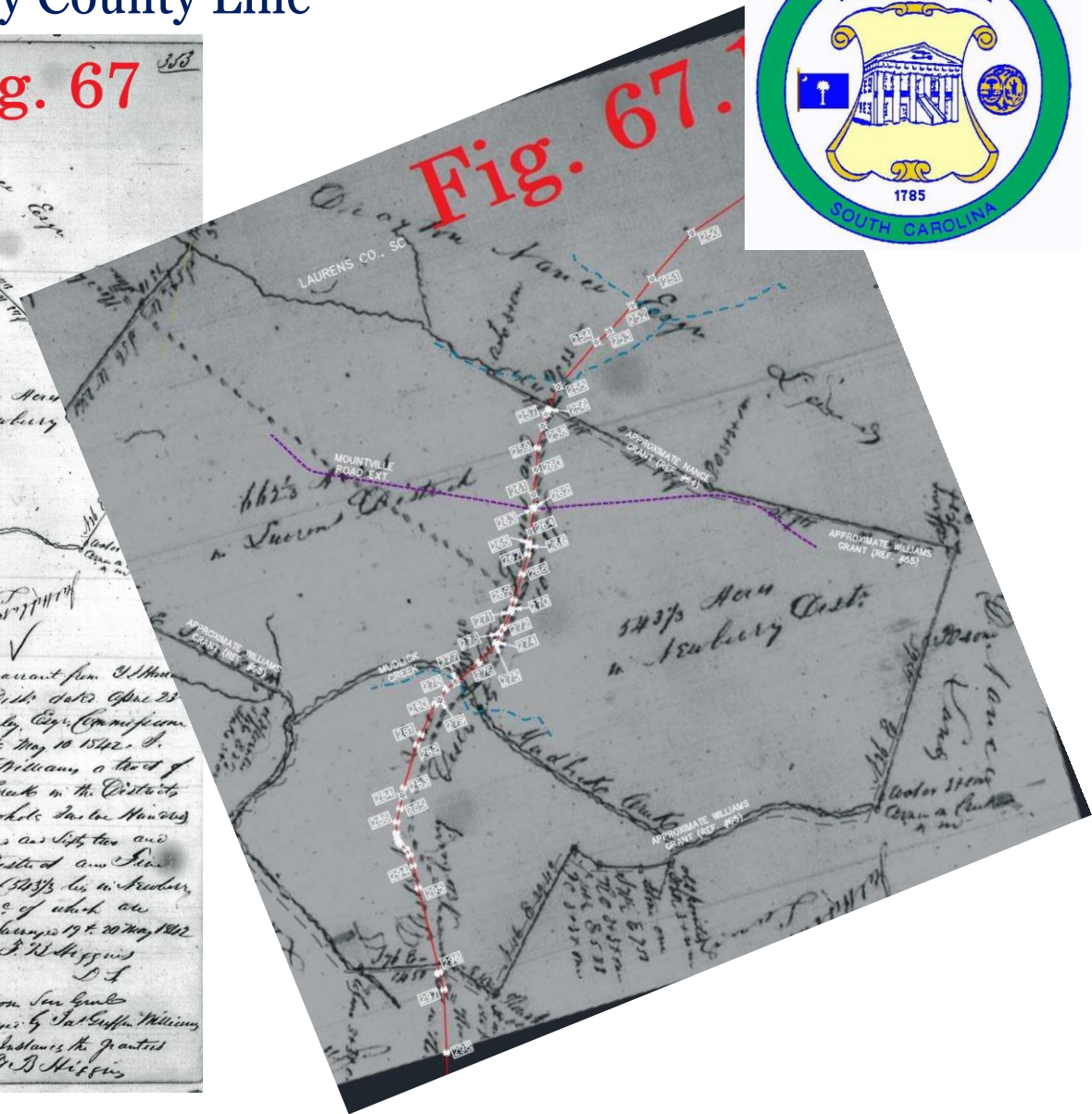
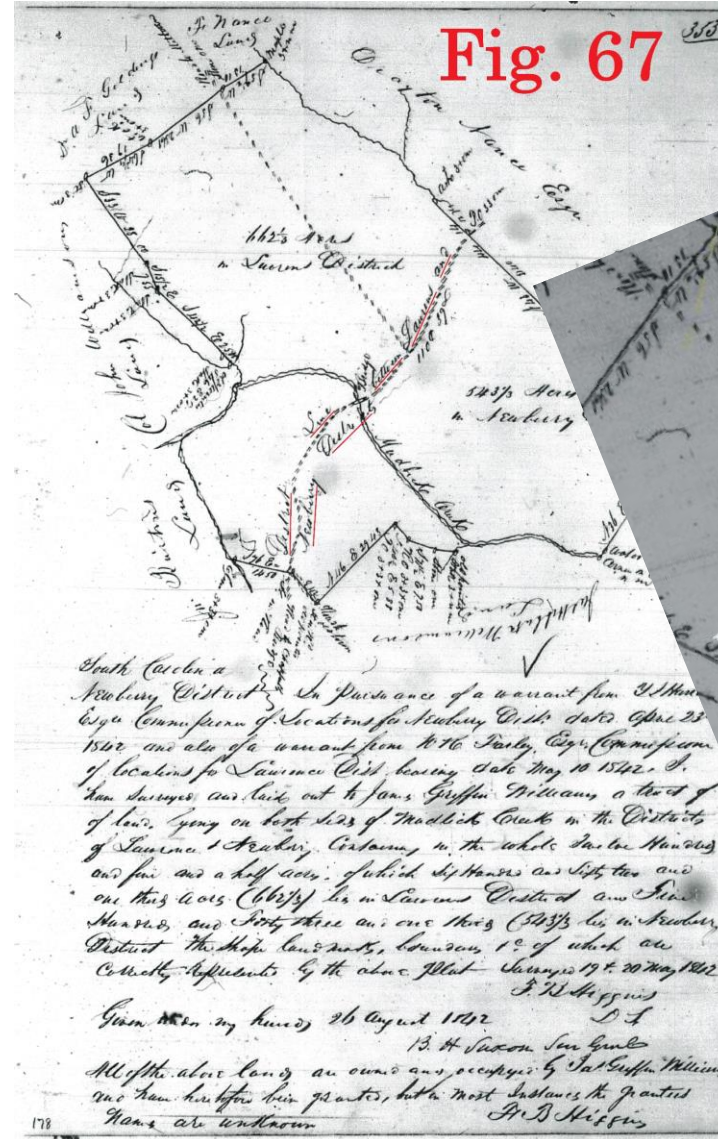




Laurens-Newberry County Line



- And crossing Mountville Road and Mudlick Creek the 1842 grant to James Griffin Williams of 1205.5 acres

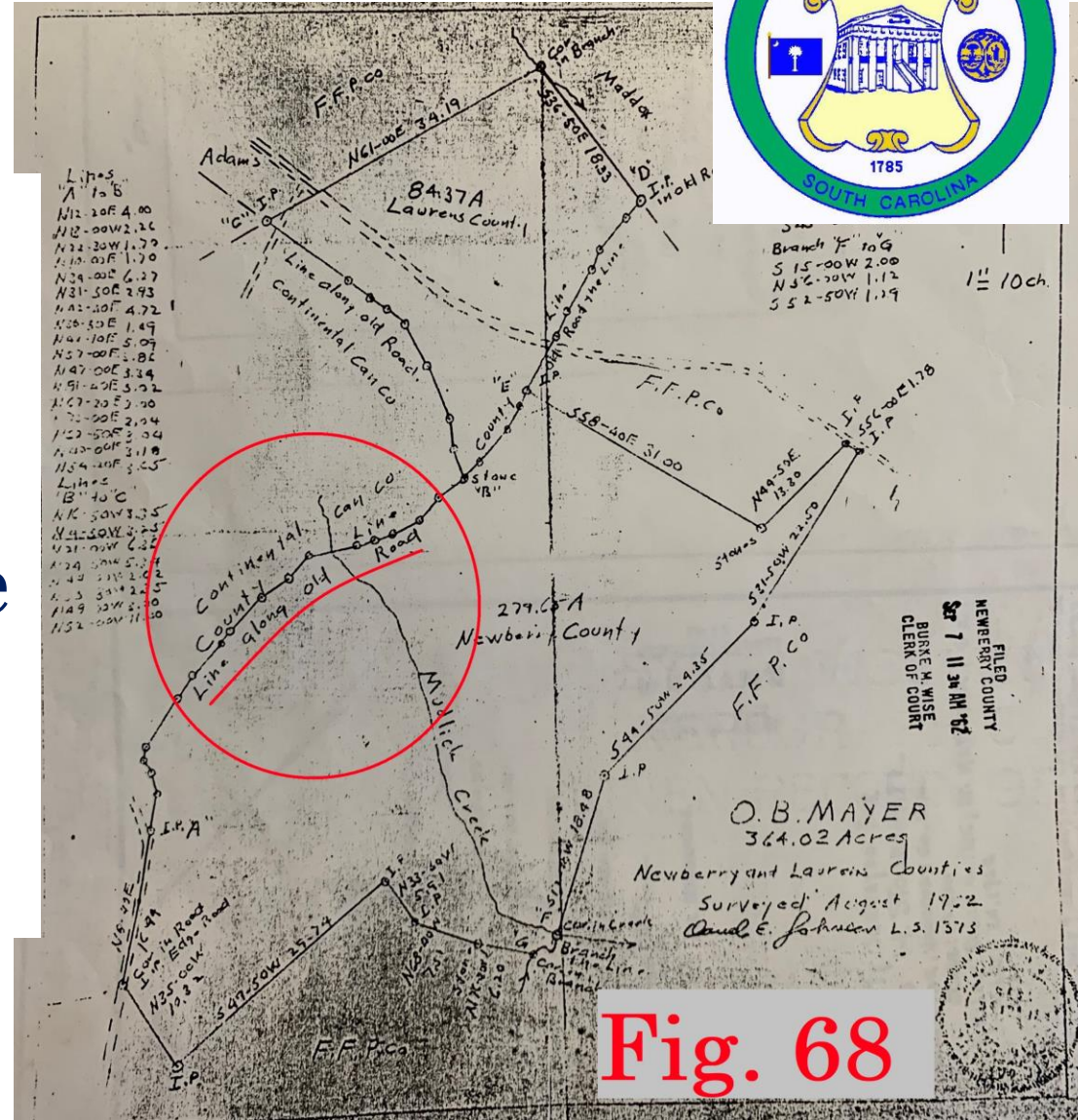
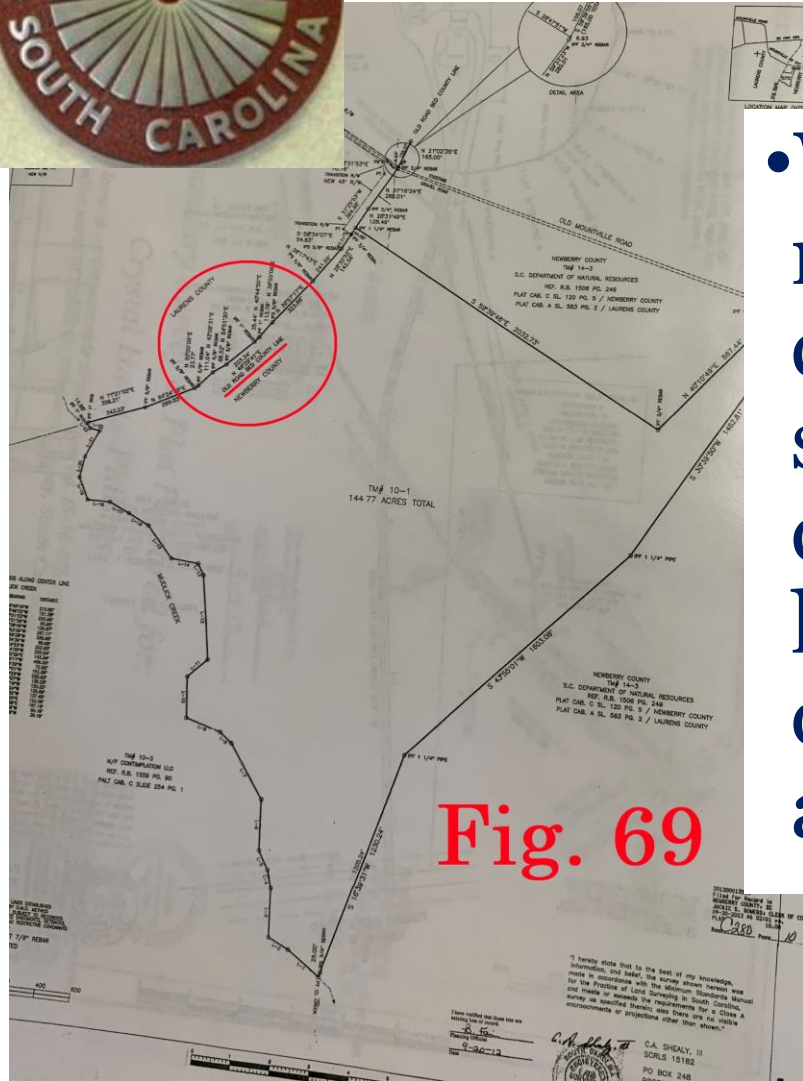




Laurens-Newberry County Line



- With numerous contemporary surveys confirming the location of the old roadbed along the way

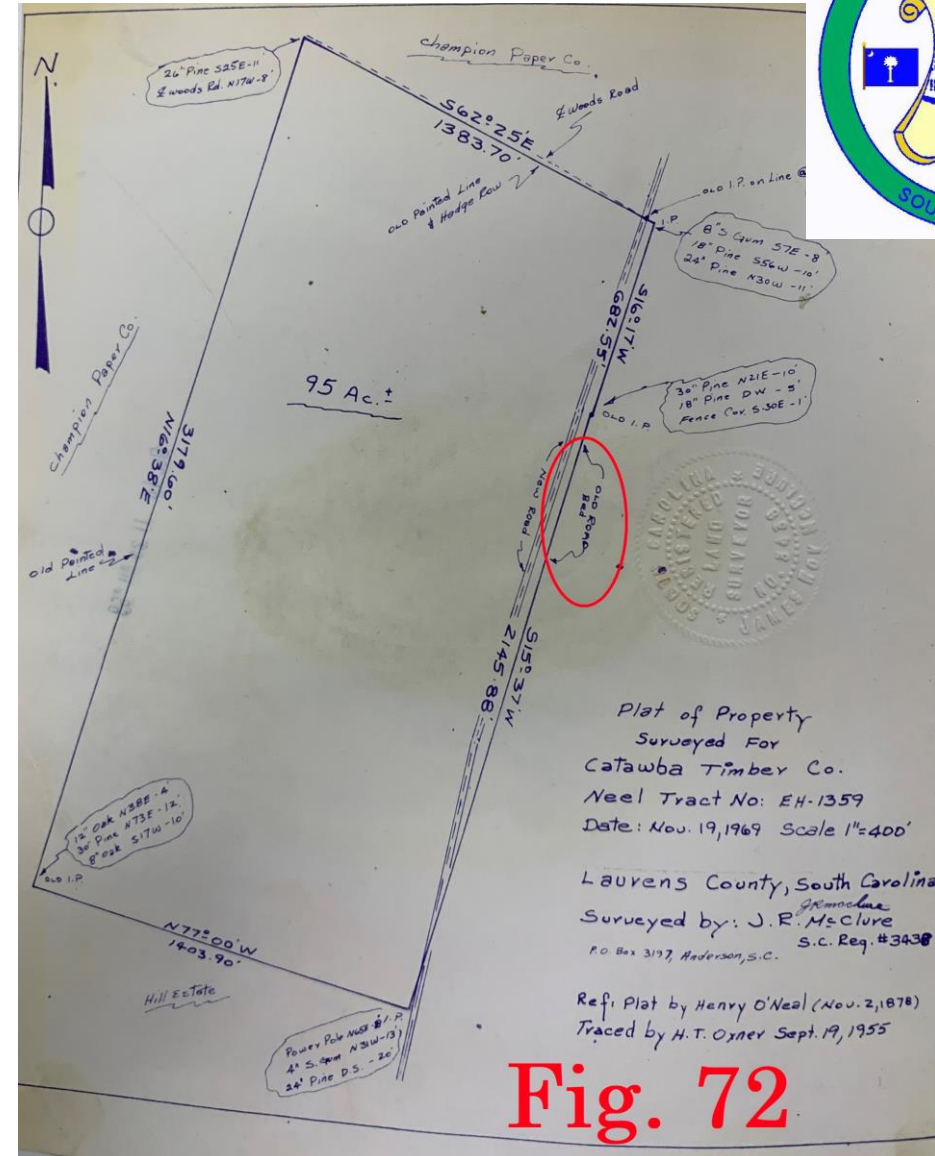




Laurens-Newberry County Line



- From the Williams grant to Goggins School Road/Boozer Dairy Road the Old 96 Road runs in or adjacent to Poplar Spring Road





Laurens-Newberry County Line



- South of Goggins School Road/Boozer Dairy Road the old roadbed parallels Poplar Spring Road across an 1818 grant to Henry R. Hall of 485 acres

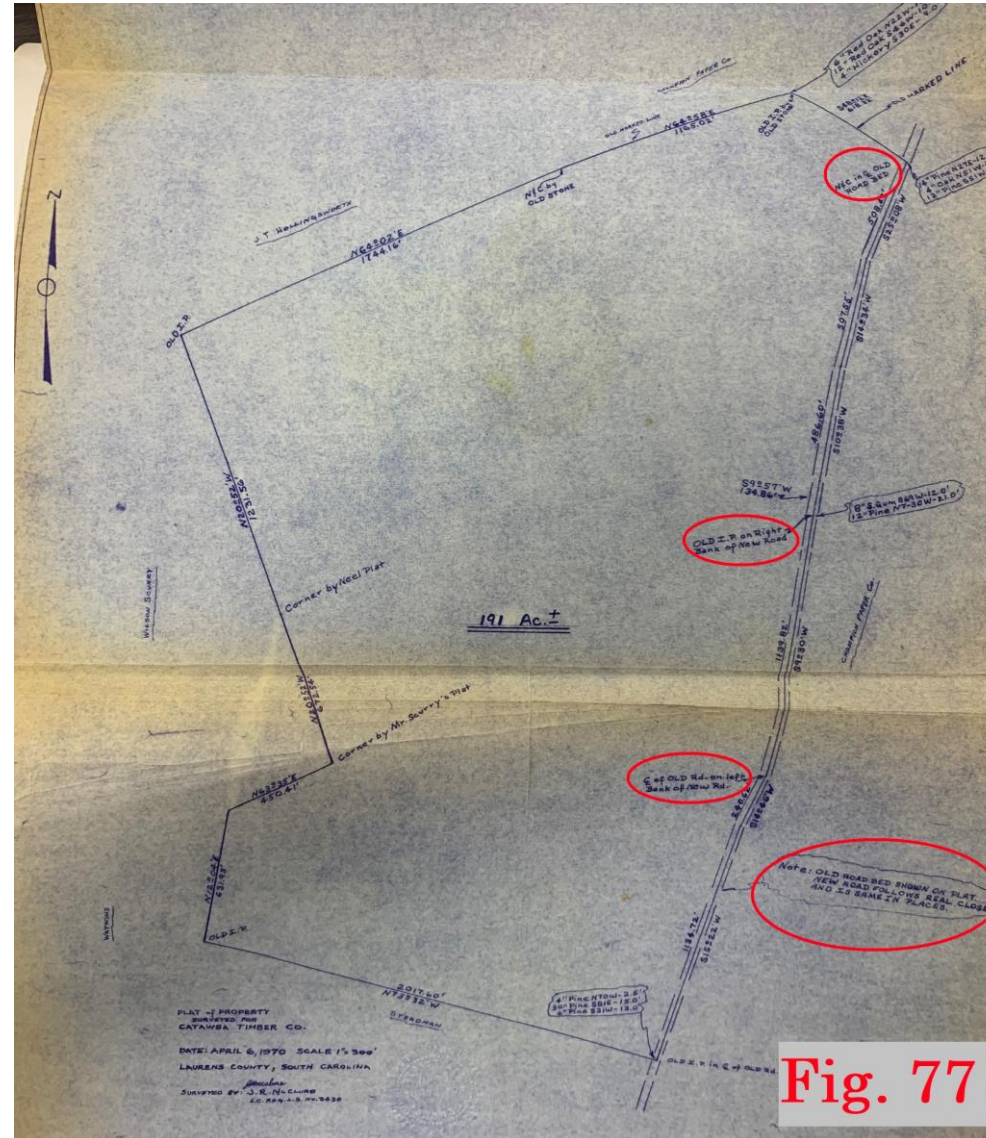




Laurens-Newberry County Line



- For a mile south of the Hall grant the Old 96 Road is in or adjacent to Poplar Spring Road

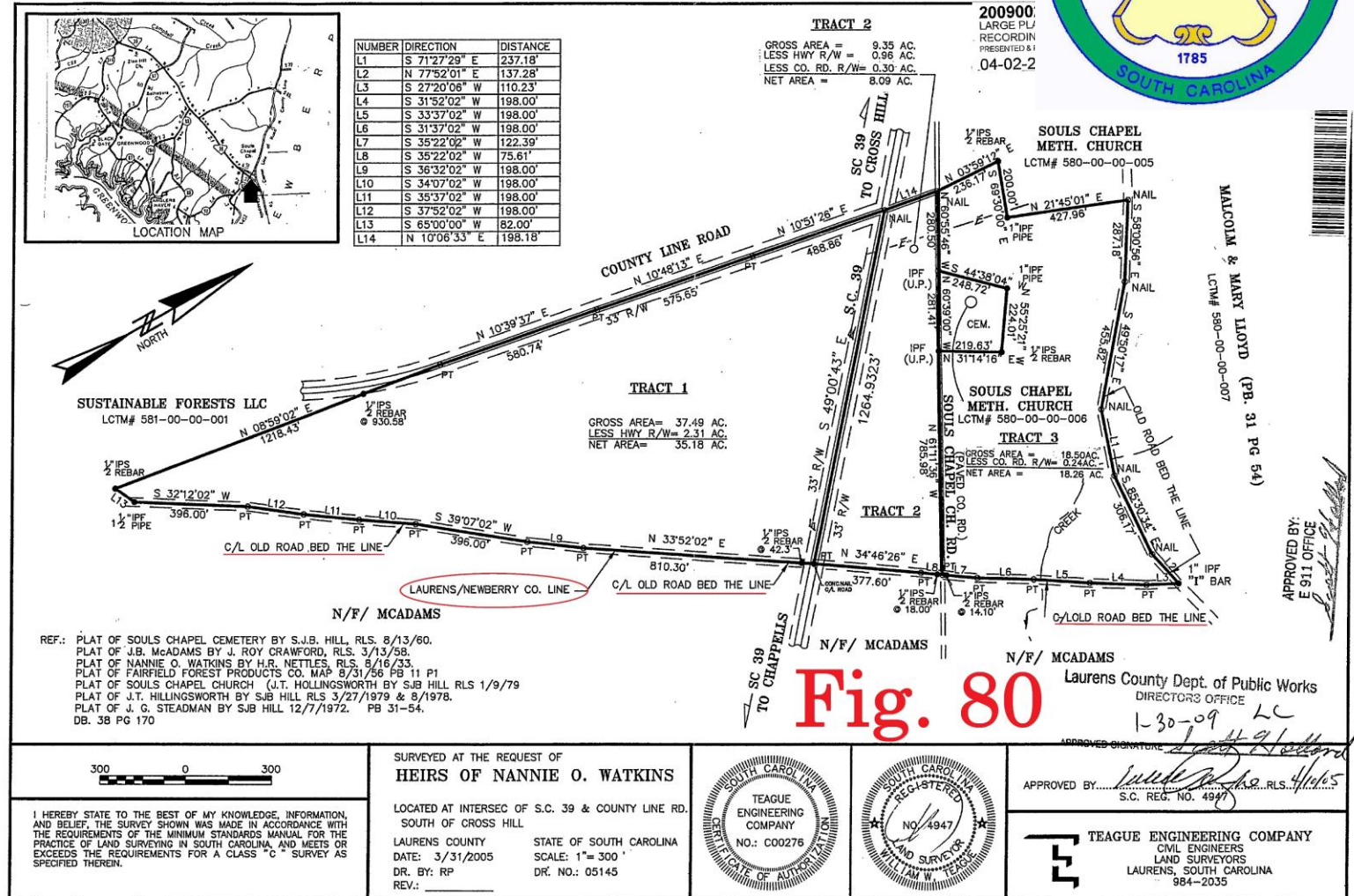




Laurens-Newberry County Line



• After Poplar Spring Road forks off to the left the old roadbed resumes and the Old 96 Road continues southwest crossing Soule Chapel Church Road and SC Hwy 39





Laurens-Newberry County Line



- The roadbed of the Old 96 Road continues southwest, crossing County Line Road (State Road s-36-452)...

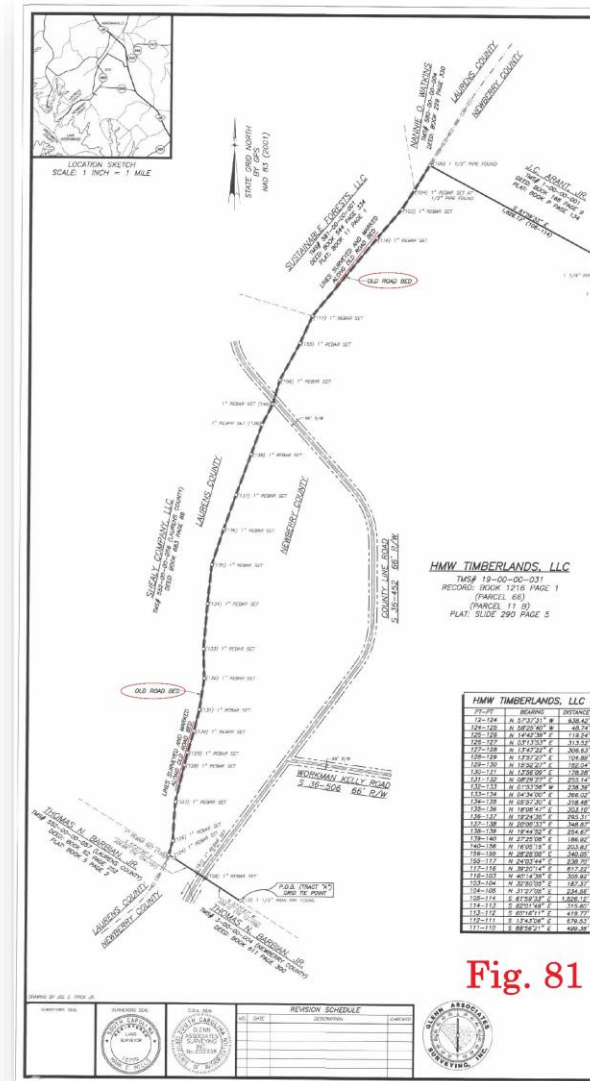


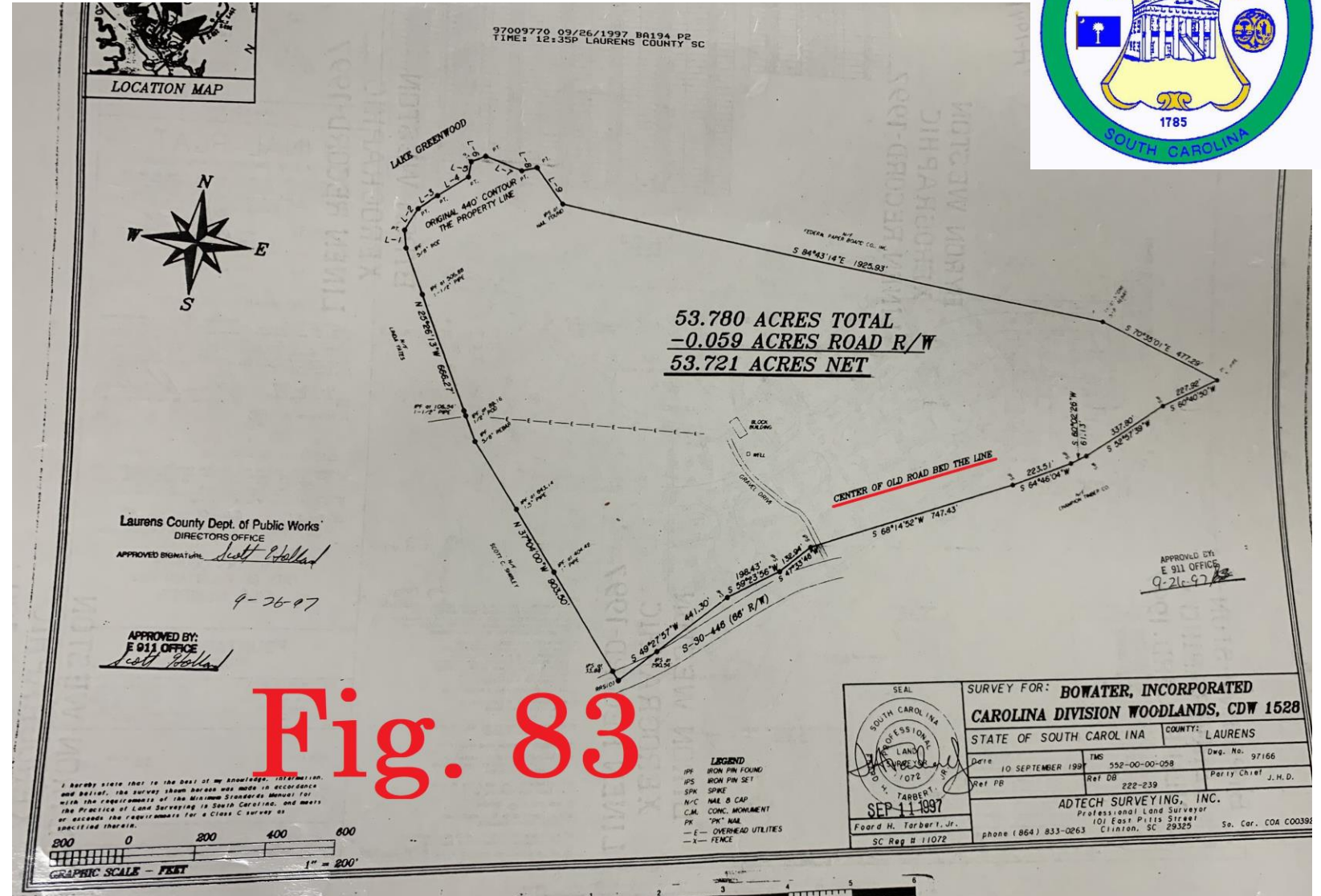
Fig. 81



Laurens-Newberry County Line



•...back to County Line Road...

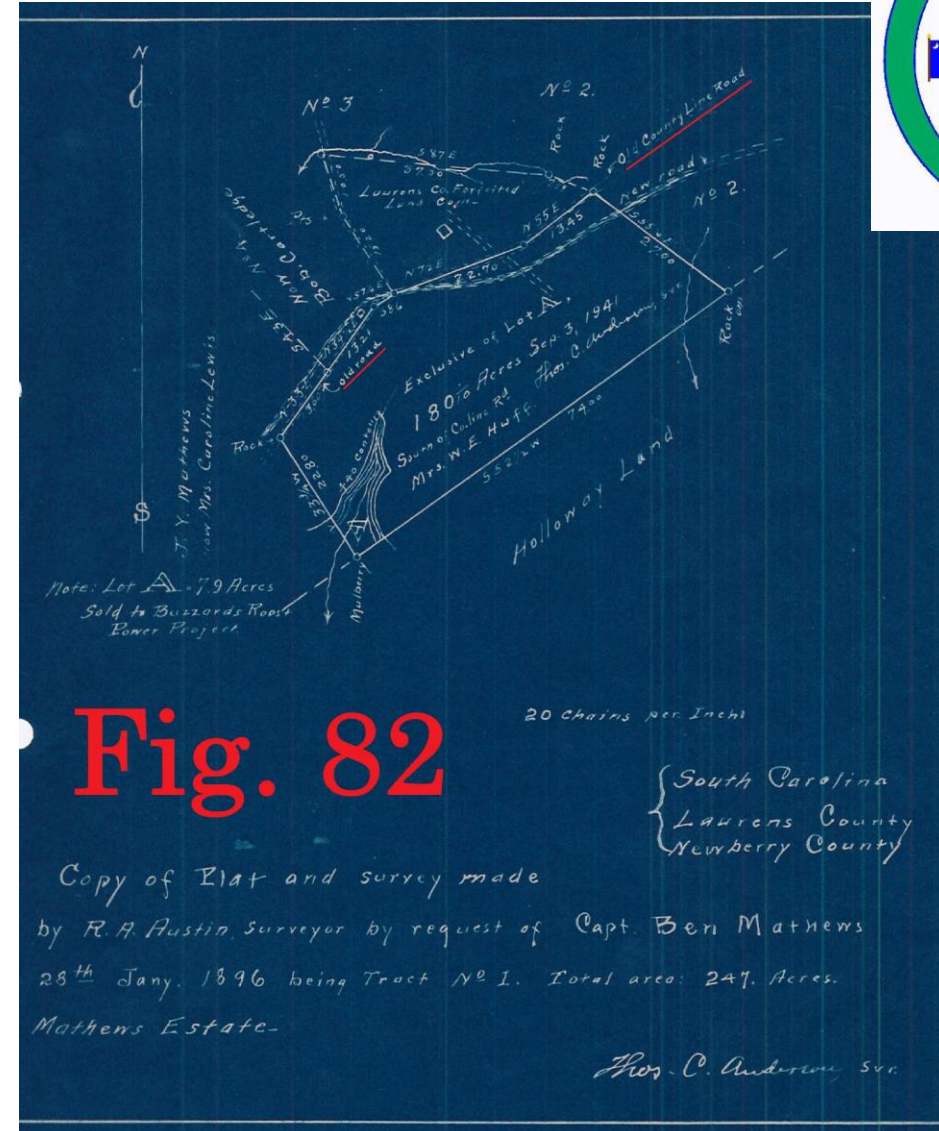




Laurens-Newberry County Line

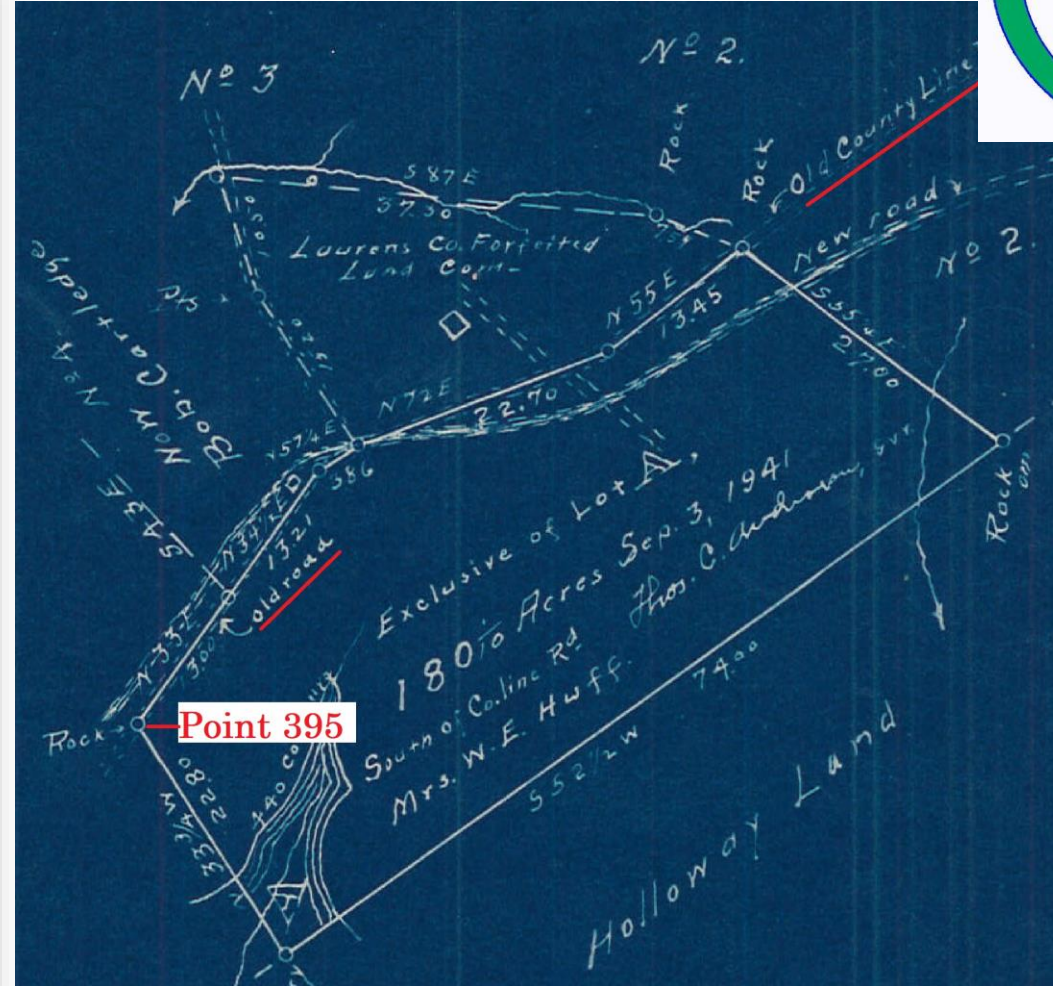
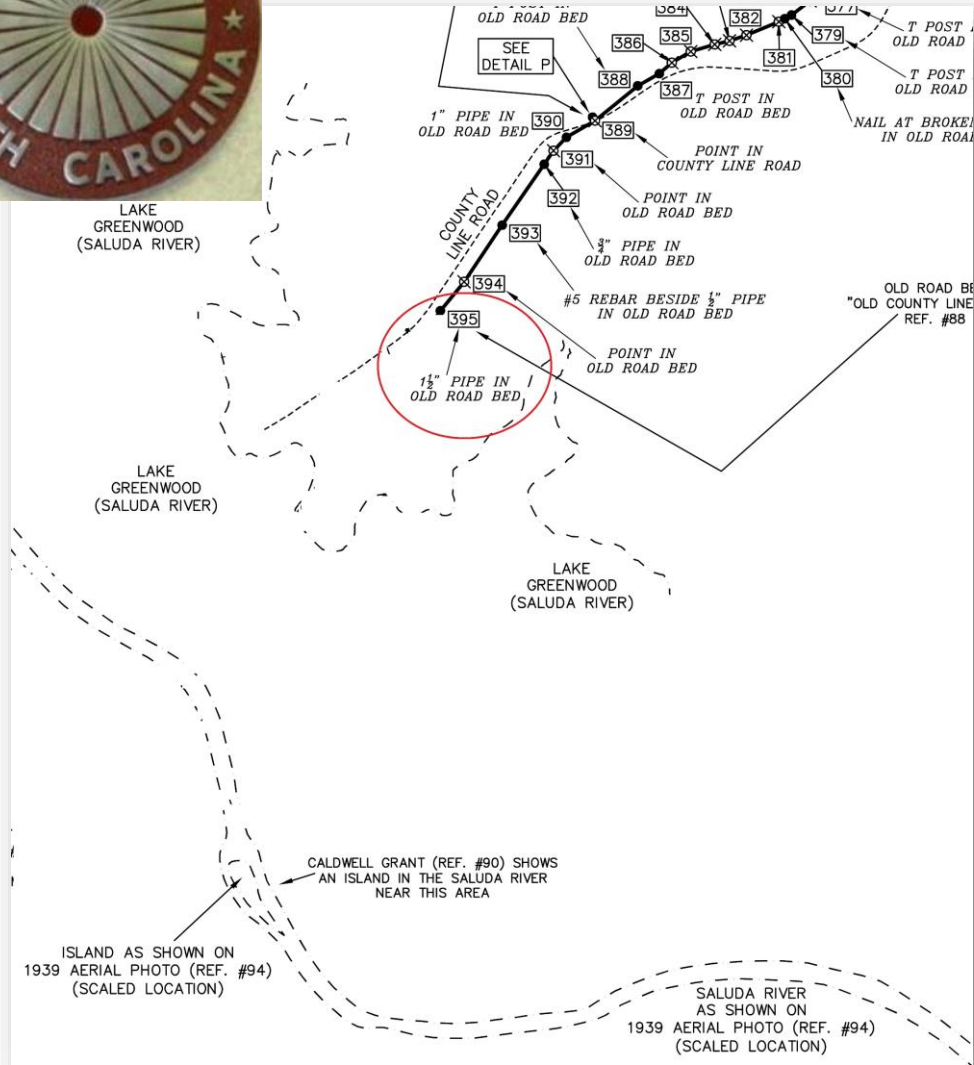


- ...and crossing back across County Line Road
- The westernmost corner is Point 395



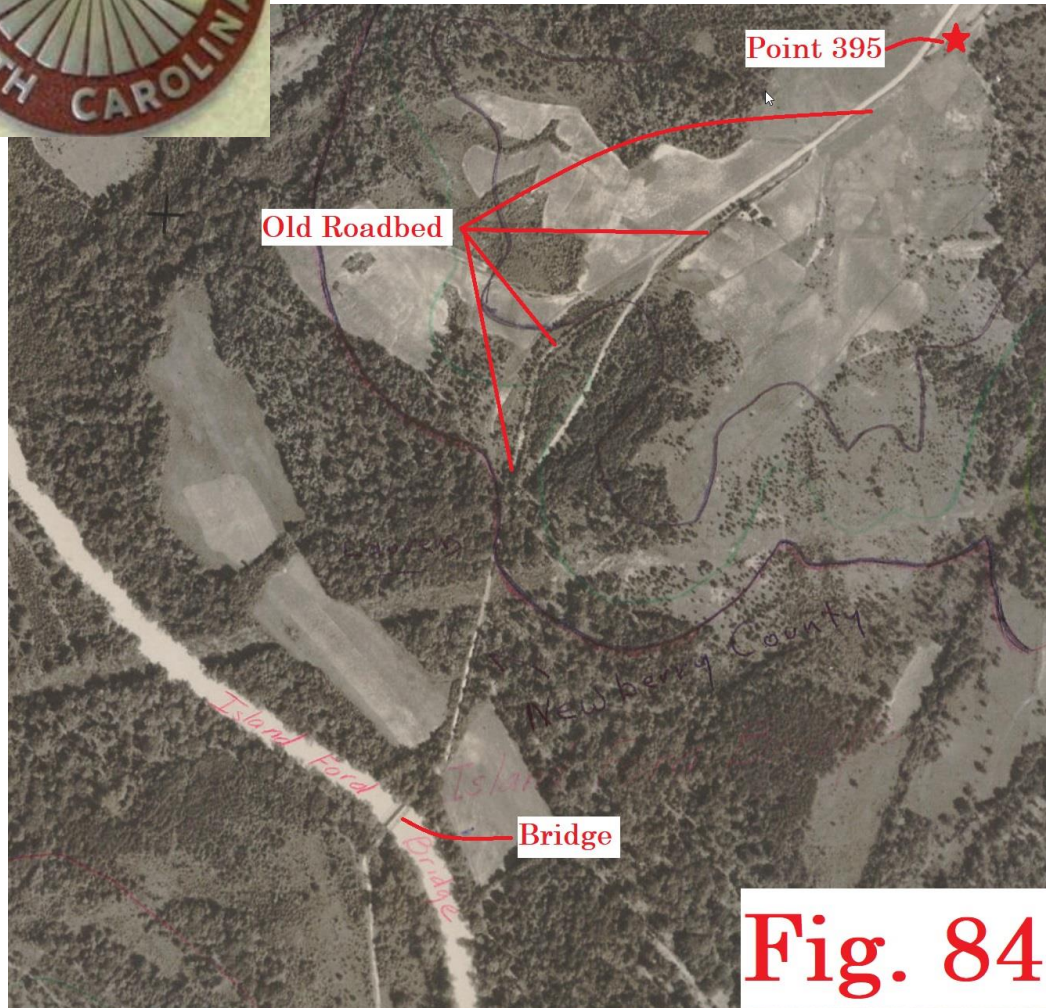


Laurens-Newberry County Line





Laurens-Newberry County Line



- From Point 395 an old roadbed continued southwest for some distance before being obliterated because of lake development
- This roadbed could be seen on an aerial photograph of Island Ford Bridge prior to construction of Lake Greenwood

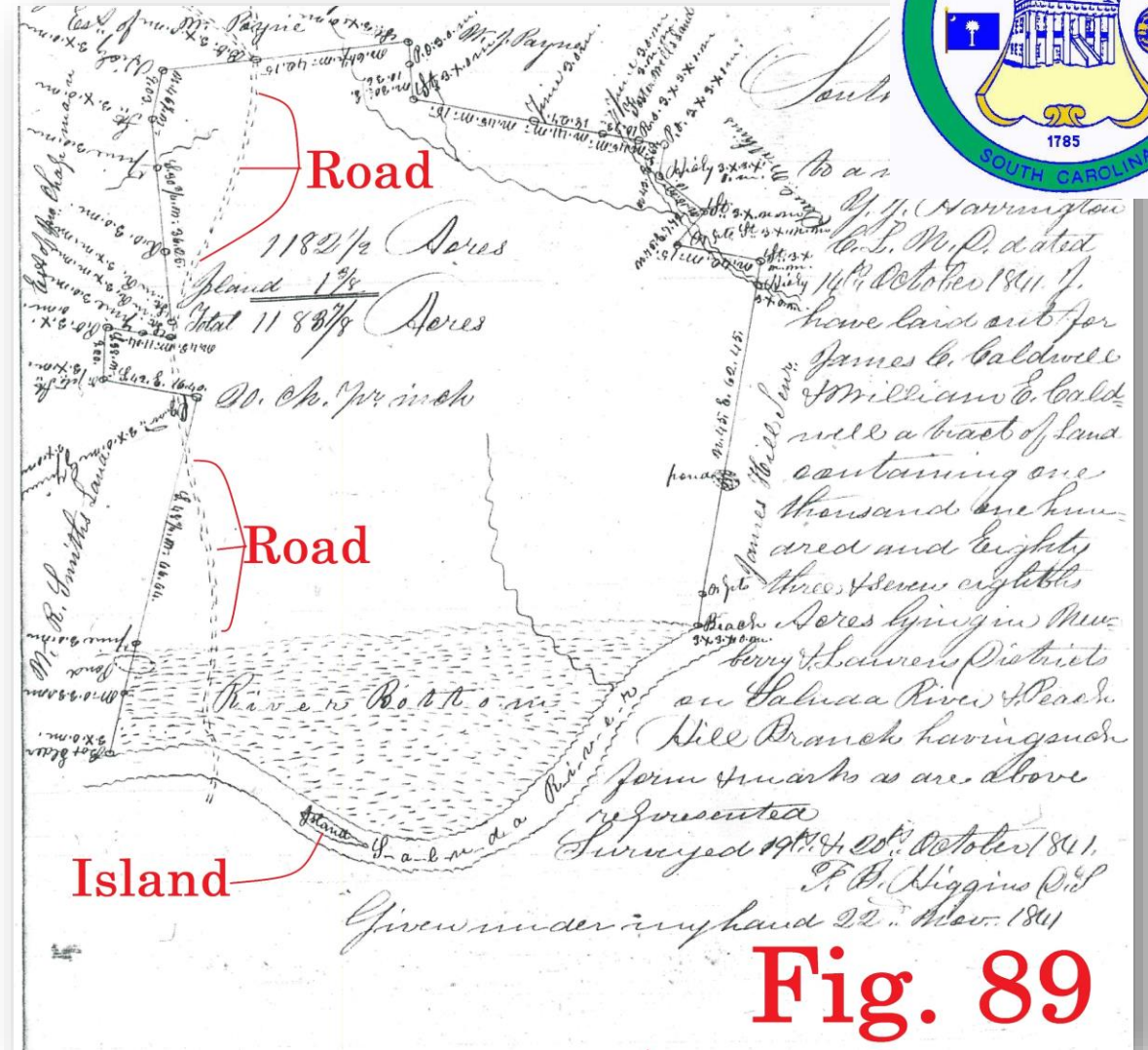




Laurens-Newberry County Line



- Research at SC Archives had recovered an 1841 grant to James C. & William E. Caldwell of 1183-7/8 acres, lying in both Laurens and Newberry, and showing a road (unnamed) crossing the Saluda River

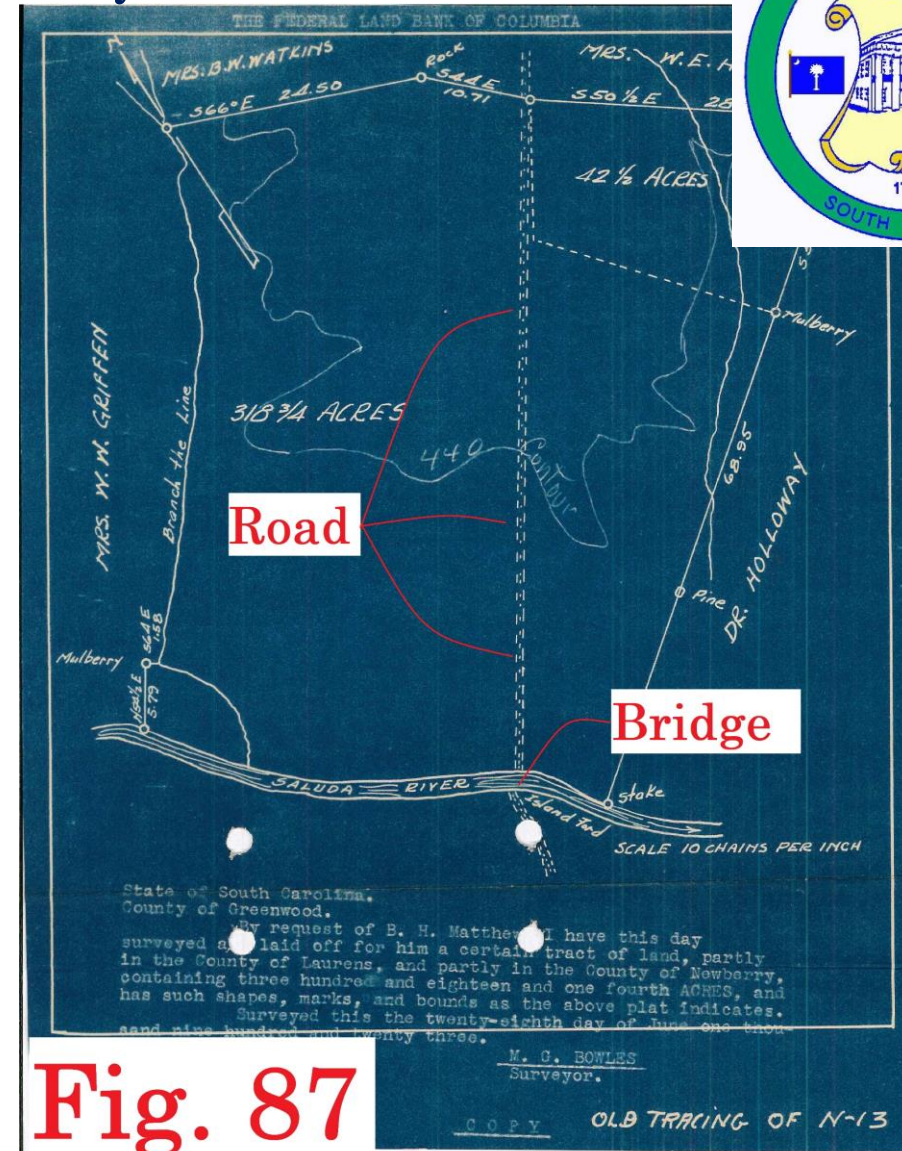




Laurens-Newberry County Line



- The files for the construction of Lake Greenwood, obtained by South Carolina Geodetic Survey, contained a plat of the property of Caroline Lewis from 1923, also showing an unnamed road crossing Saluda River

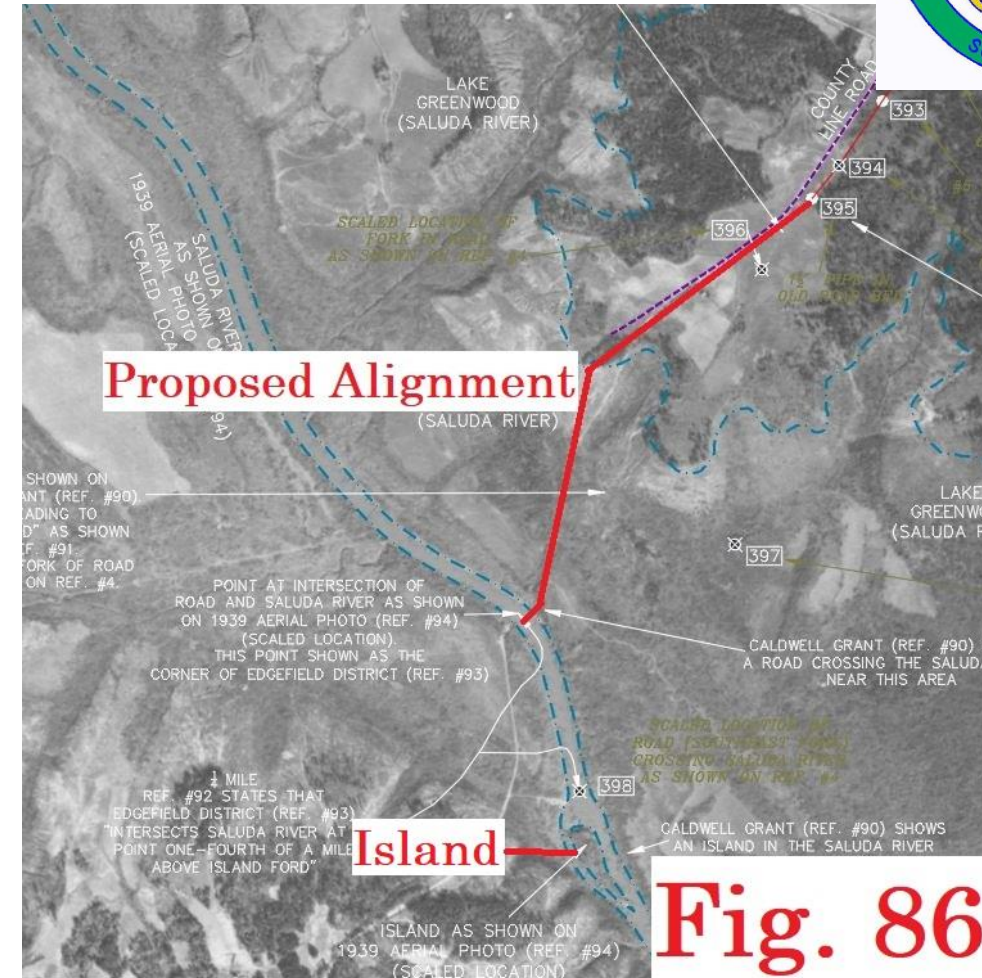




Laurens-Newberry County Line



- South Carolina Geodetic Survey obtained additional aerial photography for Greenwood County procured in 1939 by USDA
- CESI used these photographs to create a montage that would allow our survey points to be scaled onto the aerial photographs

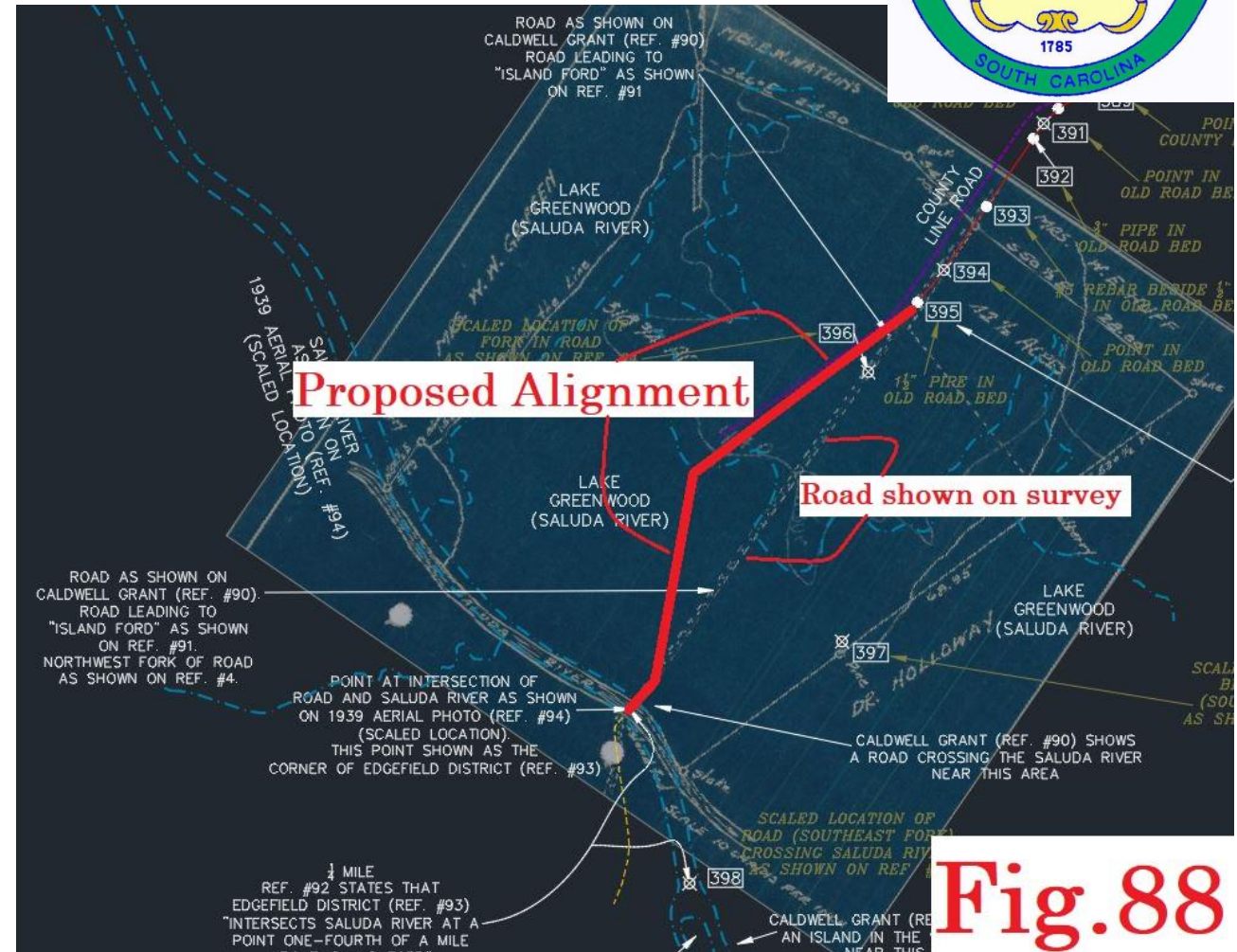




Laurens-Newberry County Line



- This allowed us to compare the Proposed Alignment (the old roadbed seen in the photographs) with the historical road shown in the 1841 grant and 1923 survey
- The road in the 1923 survey was nowhere near the proposed alignment

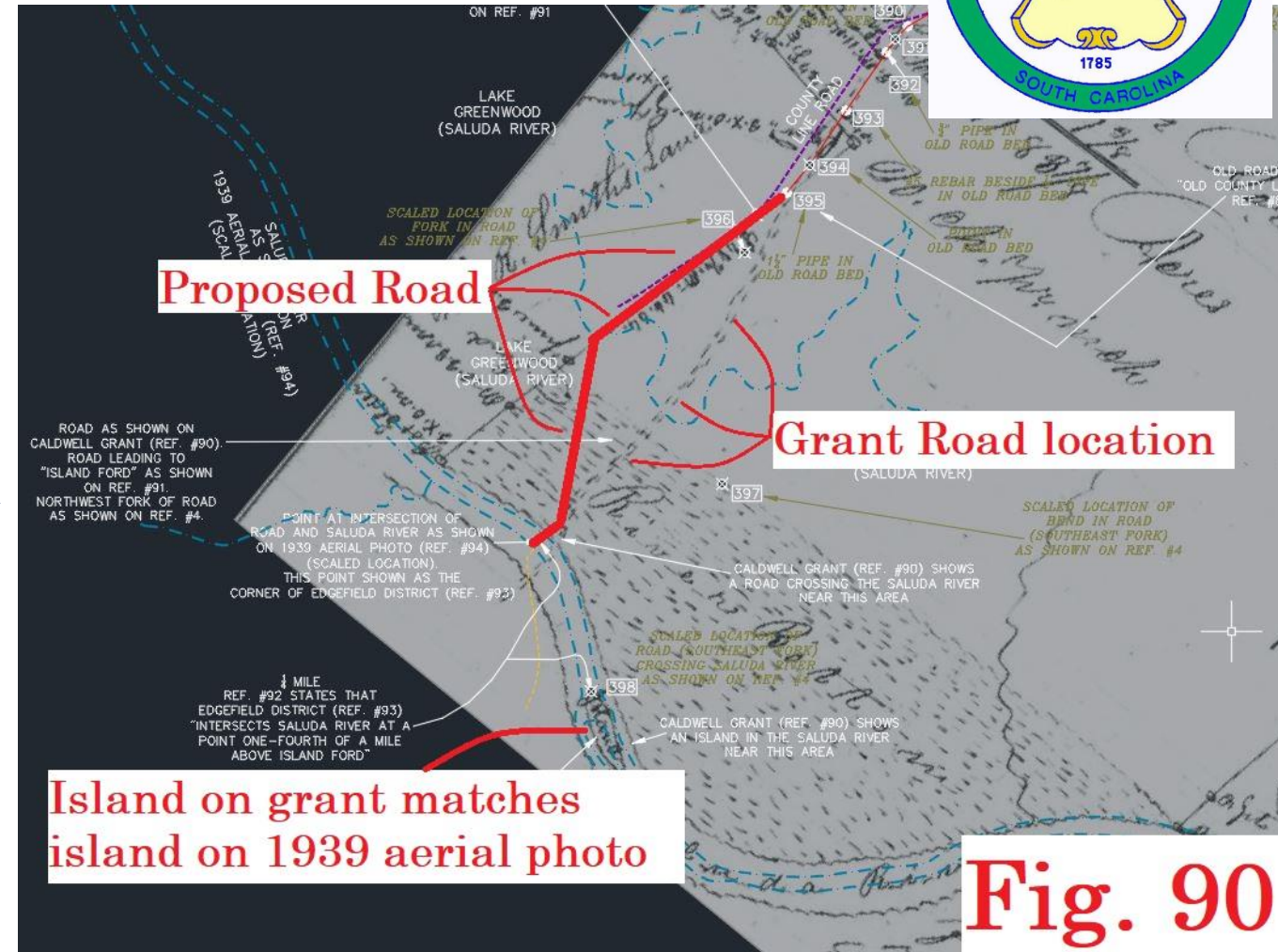




Laurens-Newberry County Line



- Neither was the road shown in the 1841 grant
- While the island in the river on the 1841 grant matched the 1939 photograph, the road was essentially the same road location as the 1923 survey
- Our conclusion was that the old roadbed was not the historic road down to the river

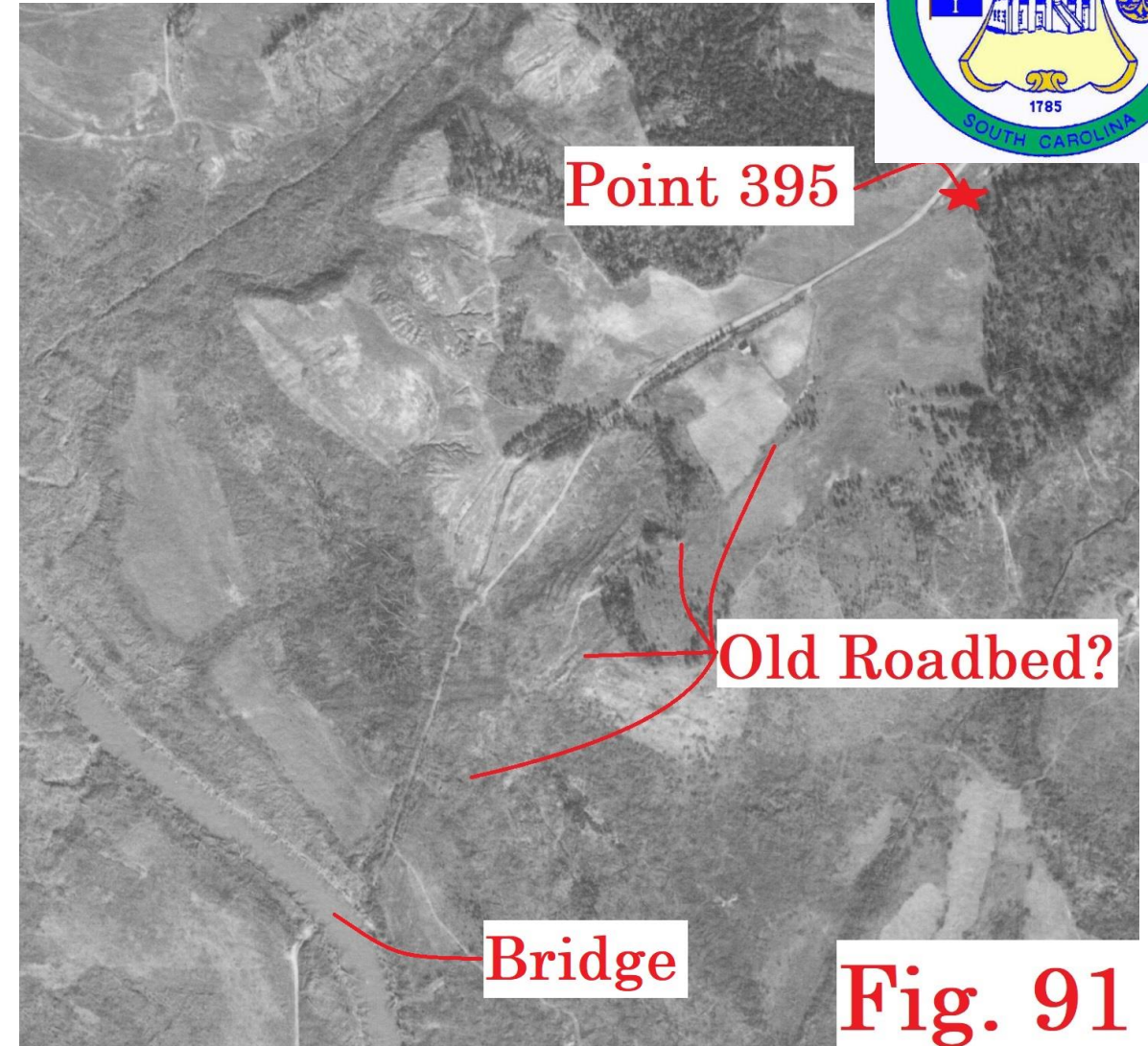




Laurens-Newberry County Line



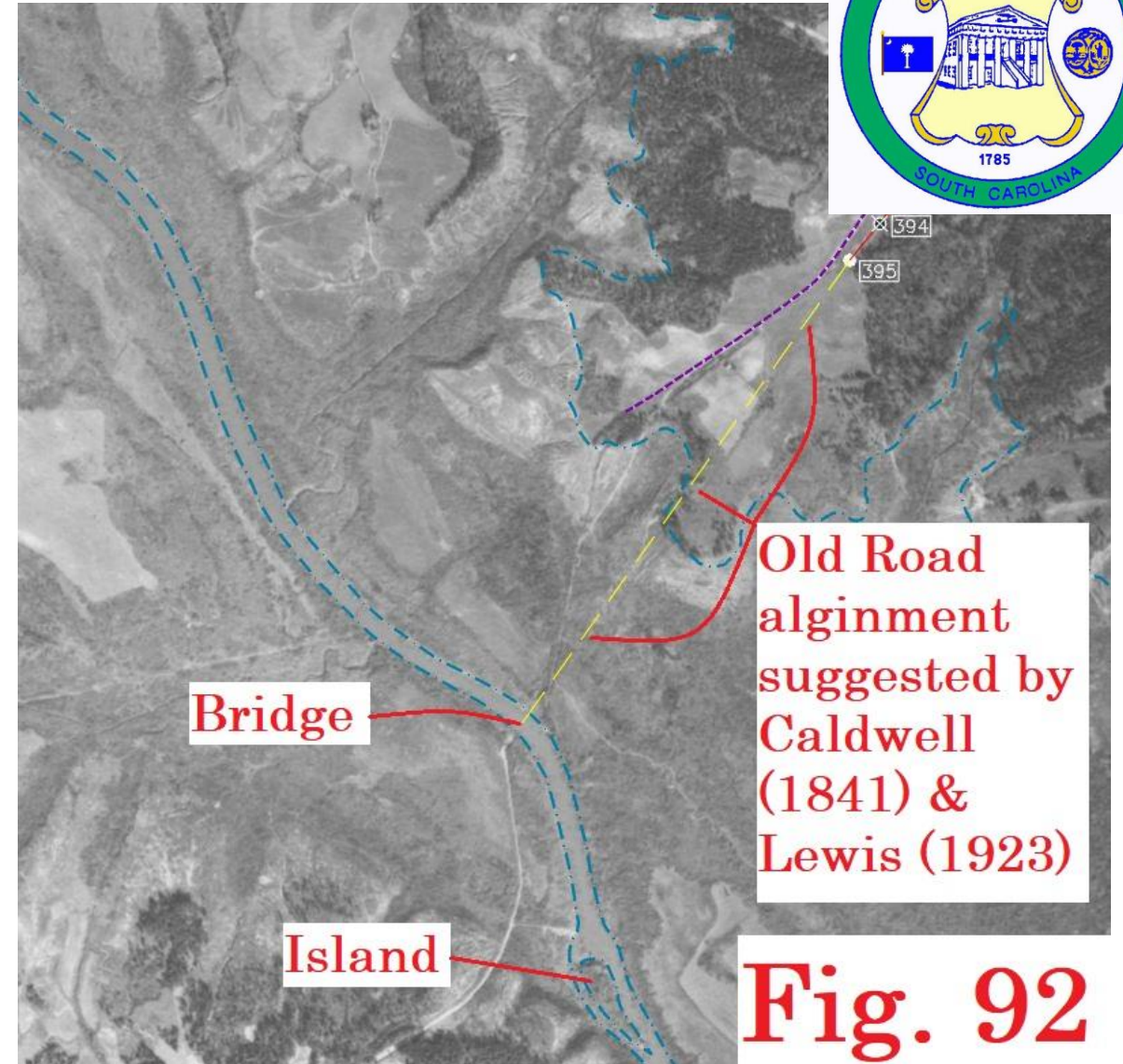
- We took another look at the 1939 aerial photographs
- These were made after the bridge had been removed and timber cleared for the construction of Lake Greenwood
- Close inspection revealed what appeared to be an old roadbed, in the location of the 1923 and 1841 roads





Laurens-Newberry County Line

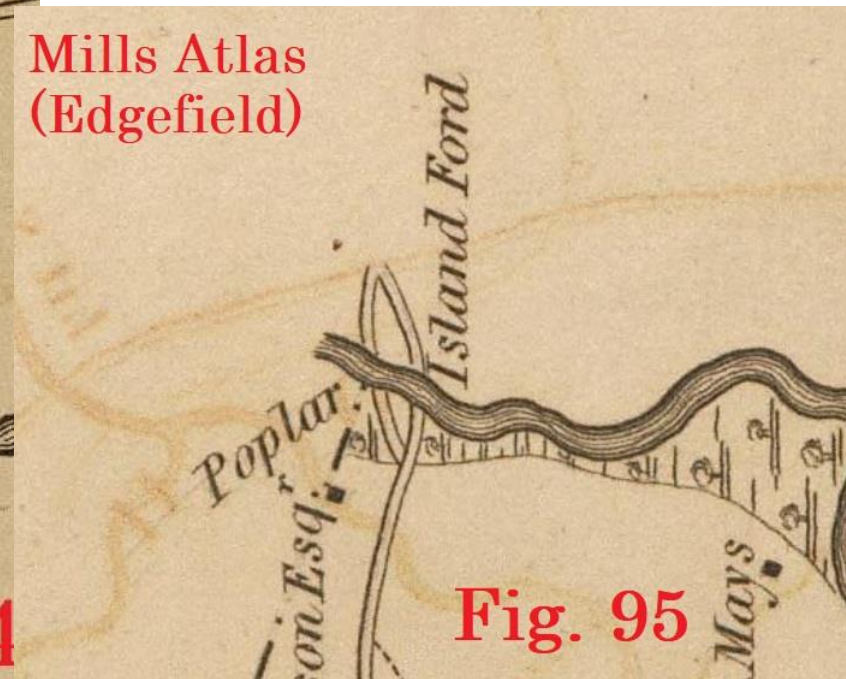
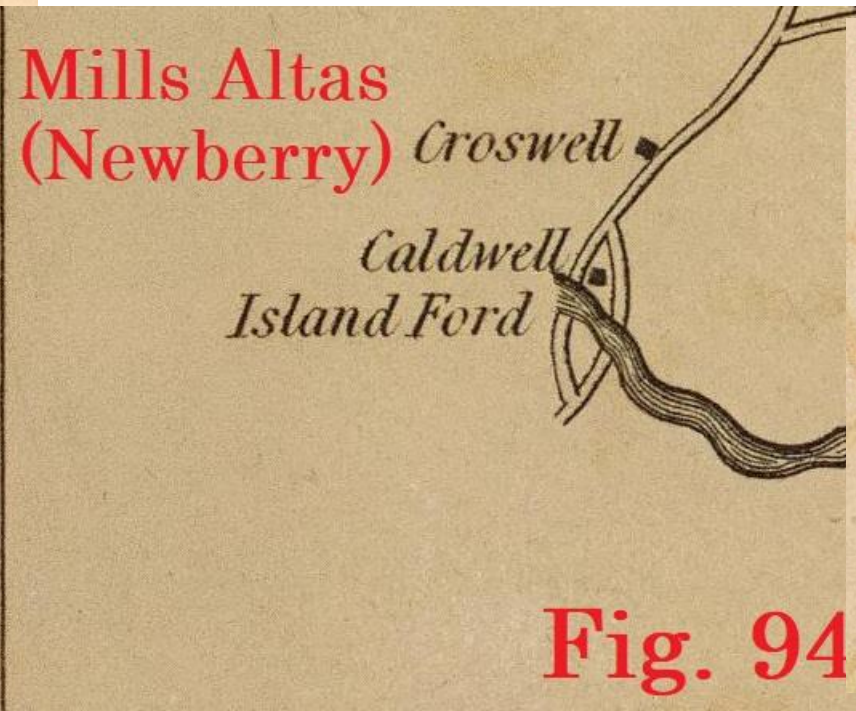
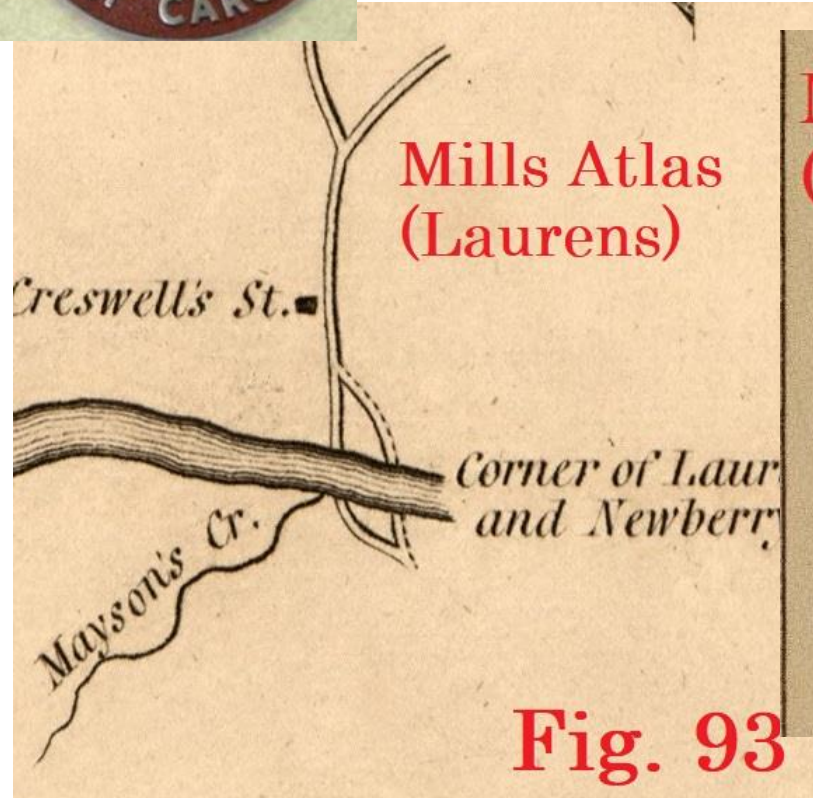
- Three lines of evidence were leading us to conclude that the historic road to the bridge/crossing was the one shown on the two surveys
- But there was one more survey to look at, the Mills Maps of 1820/1825





Laurens-Newberry County Line

- There are three Mills Maps that show this crossing: Laurens, Newberry, and across the river from Newberry in 1825, Edgefield

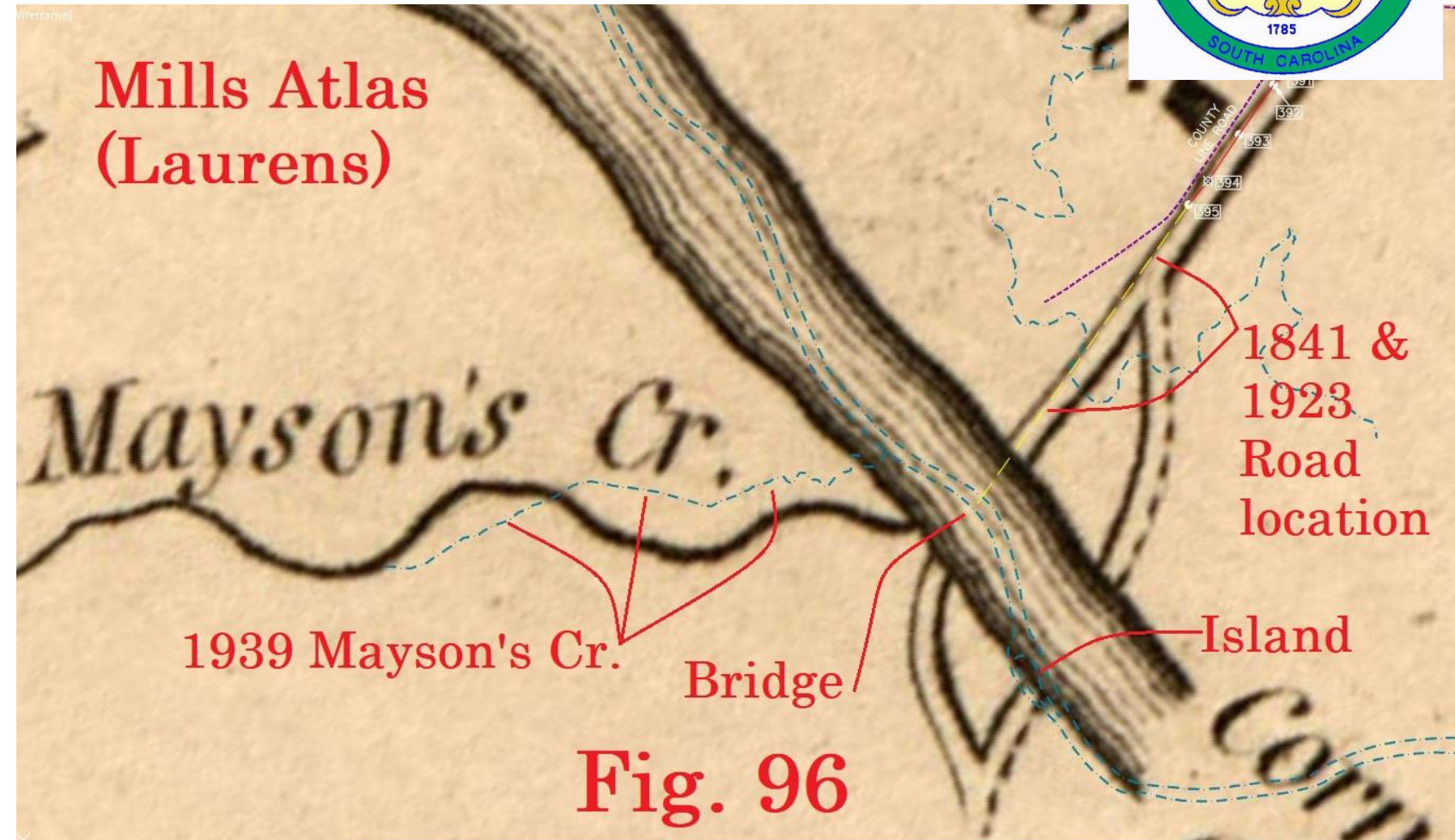




Laurens-Newberry County Line



- We used the Laurens map showing Mayson's Creek, which gave us a geographical reference
- The 1841/1923 road matched nicely with the northwest road
- But what about the road to the southeast?

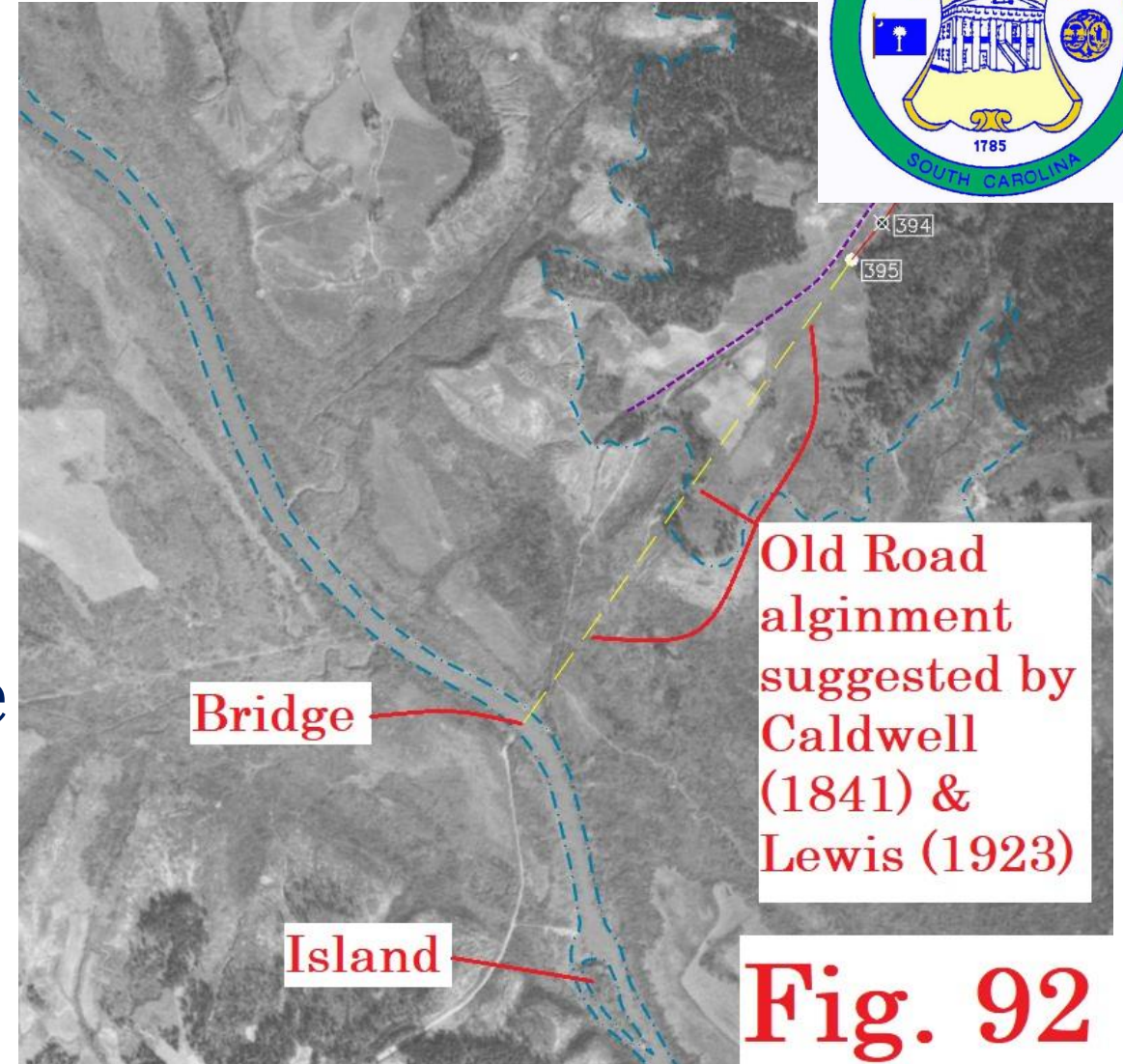




Laurens-Newberry County Line



- Why is it called *Island Ford*?
- Bridge/crossing is 1500' from the island, if this is the original crossing why call it Island Ford? Island not even visible
- Southeast road no longer in use in 1841/1923 - did an older, original road cross at the island?
- What other evidence?

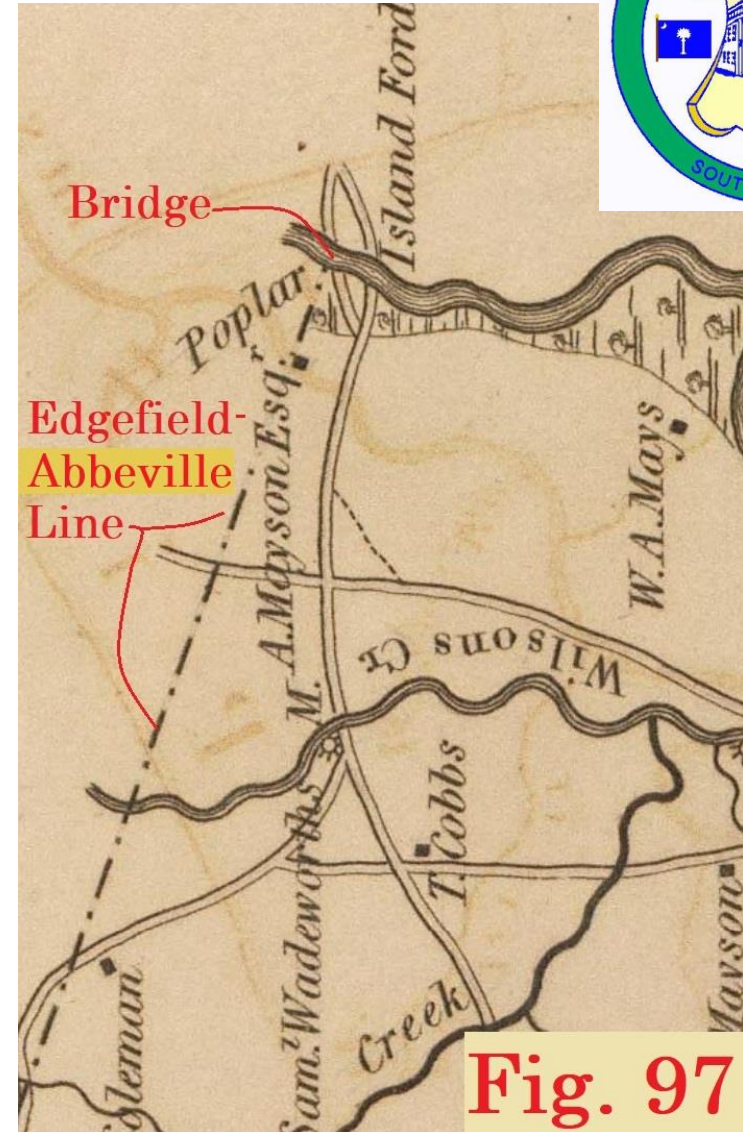




Laurens-Newberry County Line



- Mills Map for Edgefield shows the line between Abbeville & Edgefield coming directly to bridge/crossing
- 1881-1882 SC General Statutes state the line: “*...intersects the Saluda River at a point one-fourth of a mile above Island Ford...*”
- Island Ford is NOT at bridge/crossing but 1/4 mile downstream





Laurens-Newberry County Line



- CESI set a point in the river 1320' from the bridge crossing
- Road alignment back to Point 395 was determined by the roads as configured on Mills Map for Laurens

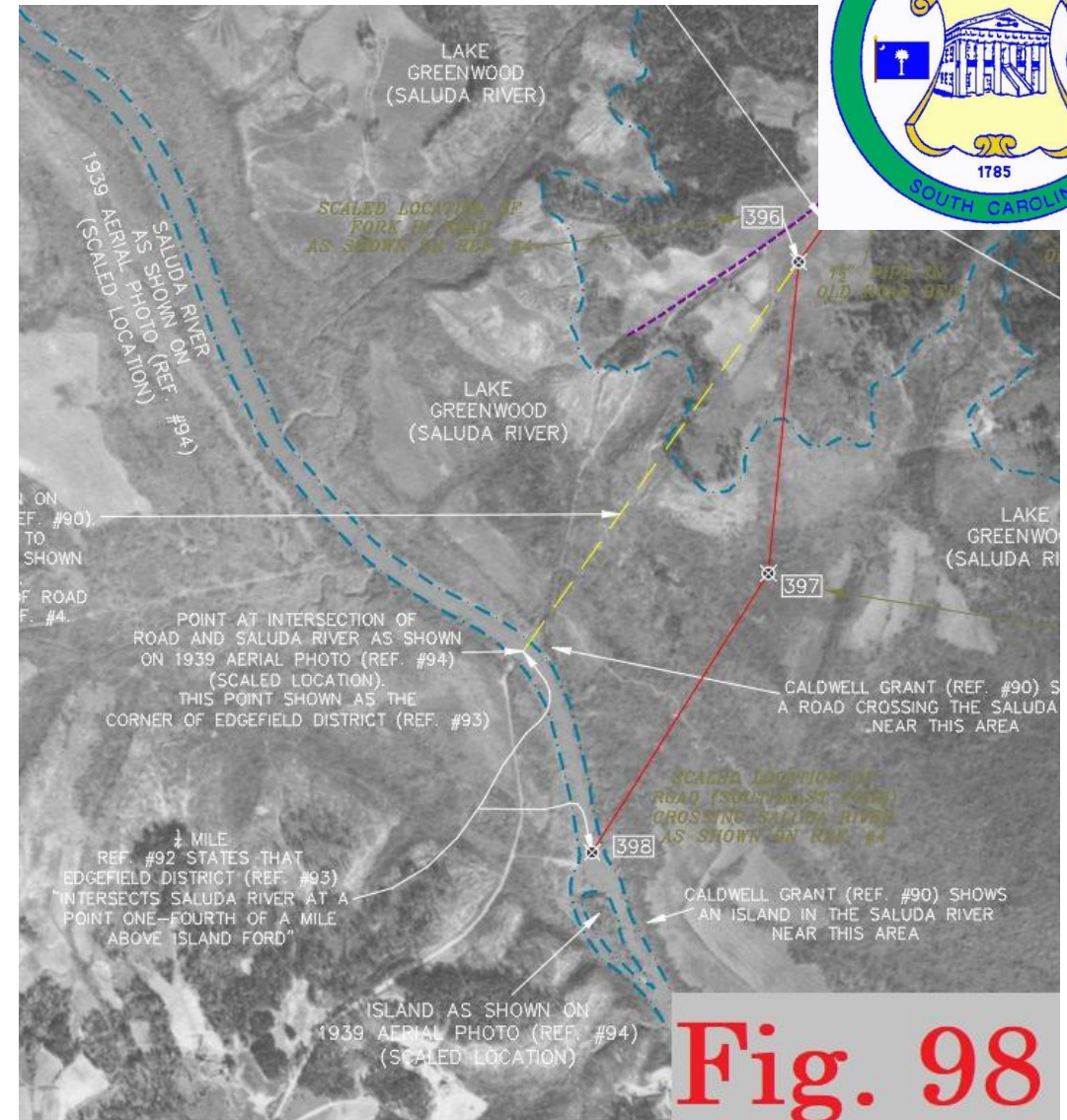


Fig. 98

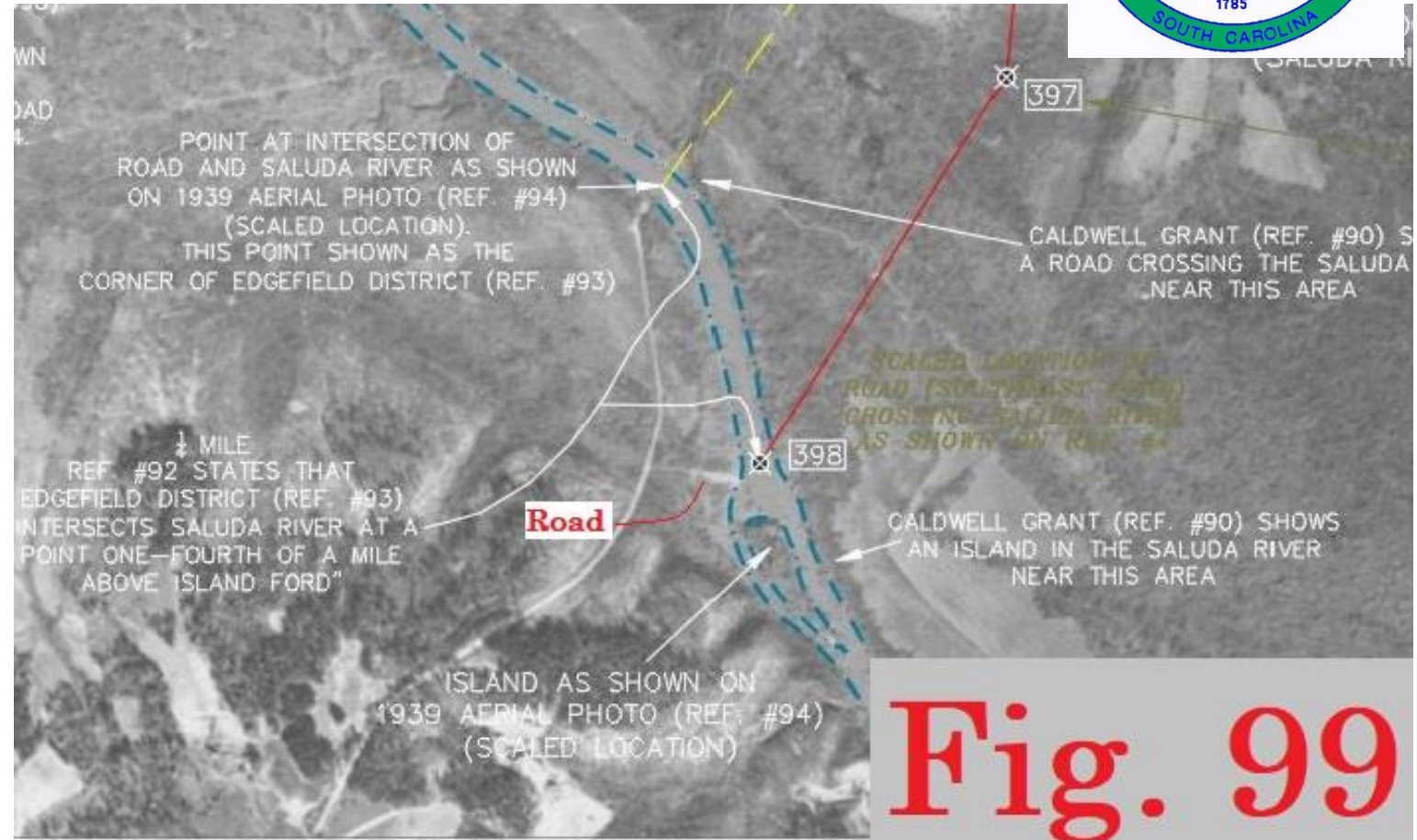




Laurens-Newberry County Line



- The final evidence is a road that in 1939 went down to the west bank of the Saluda River at the location of our calculated point
- Perhaps a remnant of the Old 96 Road coming up from Island Ford?

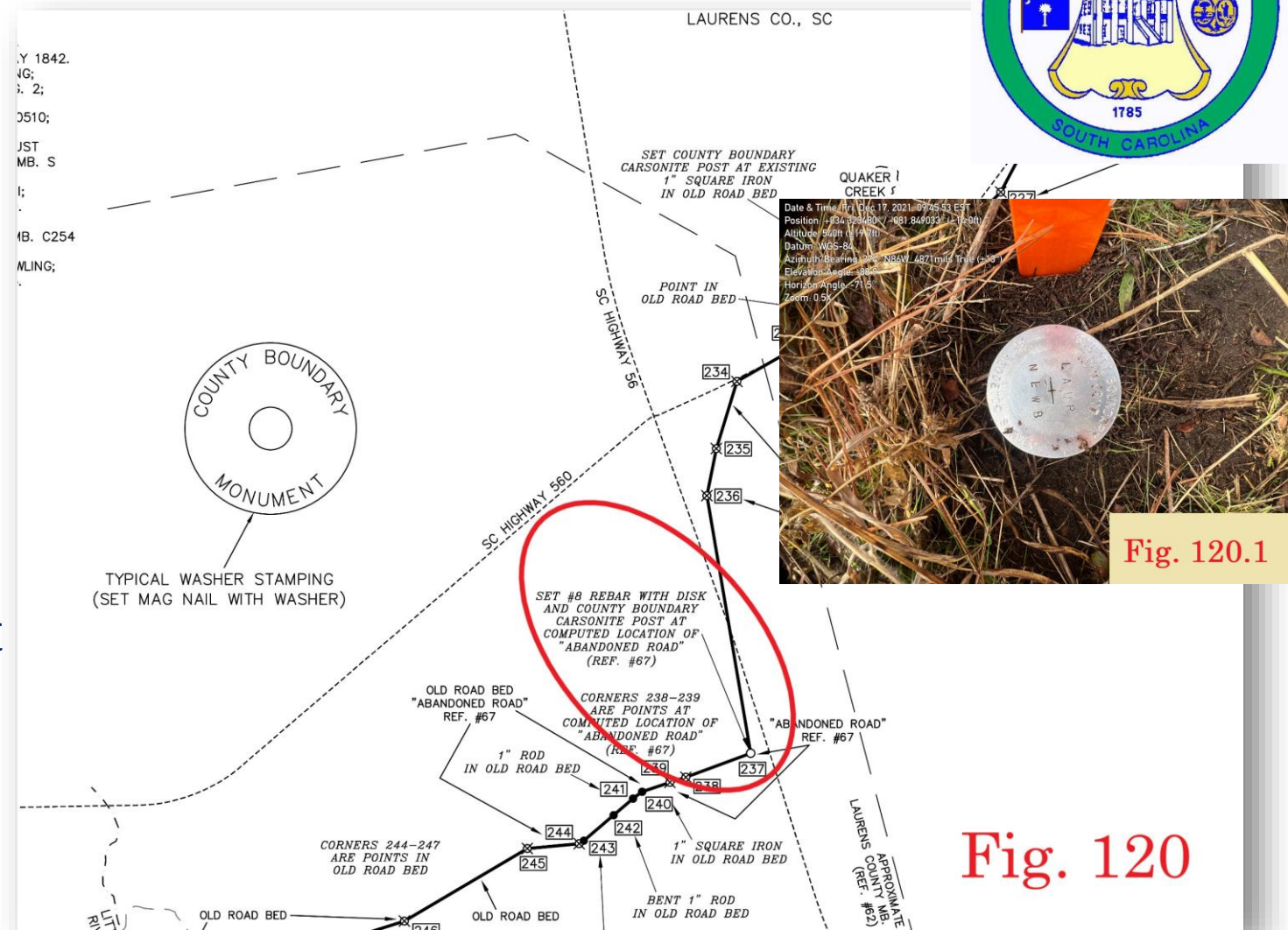




Laurens-Newberry County Line



- All points along the Old 96 Road have coordinates in the South Carolina State Plane System and can be reestablished by a survey tied to this system
- However, upon completion of the survey 32 physical monuments were established at about one-mile intervals as a secondary method of perpetuation for the county boundary



WHAT HAPPENS NEXT:

- ~~-PUBLIC MEETING~~
- CERTIFICATION OF PLAT
- NOTIFY AFFECTED PARTIES
- 60 DAY APPEAL WINDOW
- RECORD/FILE PLAT UNDER COVER LETTER
- DATE OF LETTER IS THE EFFECTIVE DATE OF THE BOUNDARY

Project Page:

<https://rfa.sc.gov/programs-services/geodetic/county/laurens-newberry>

QUESTIONS?

PLEASE CALL: [803-734-3793](tel:803-734-3793)

or EMAIL: boundary@rfa.sc.gov

We Will Work to Address Questions Promptly or Direct Questions
to the Appropriate Agency or Jurisdictional Entity

