

## **Engineering & Maintenance Division**

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**DATE:** May 12, 2021

**TO:** Public Works & Infrastructure Committee

VIA: Paula G. Gucker, Assistant County Administrator

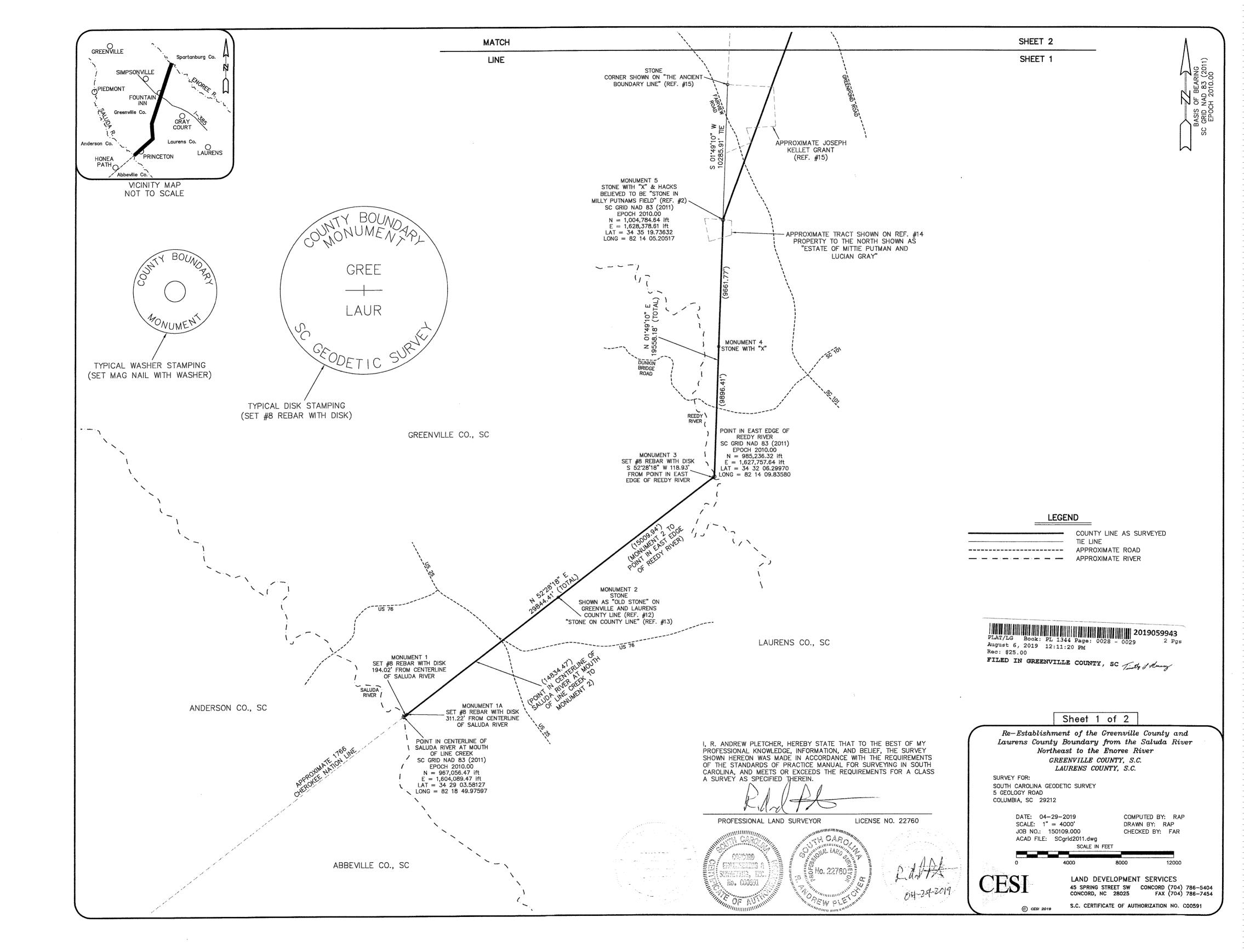
FROM: Hesha N. Gamble, County Engineer

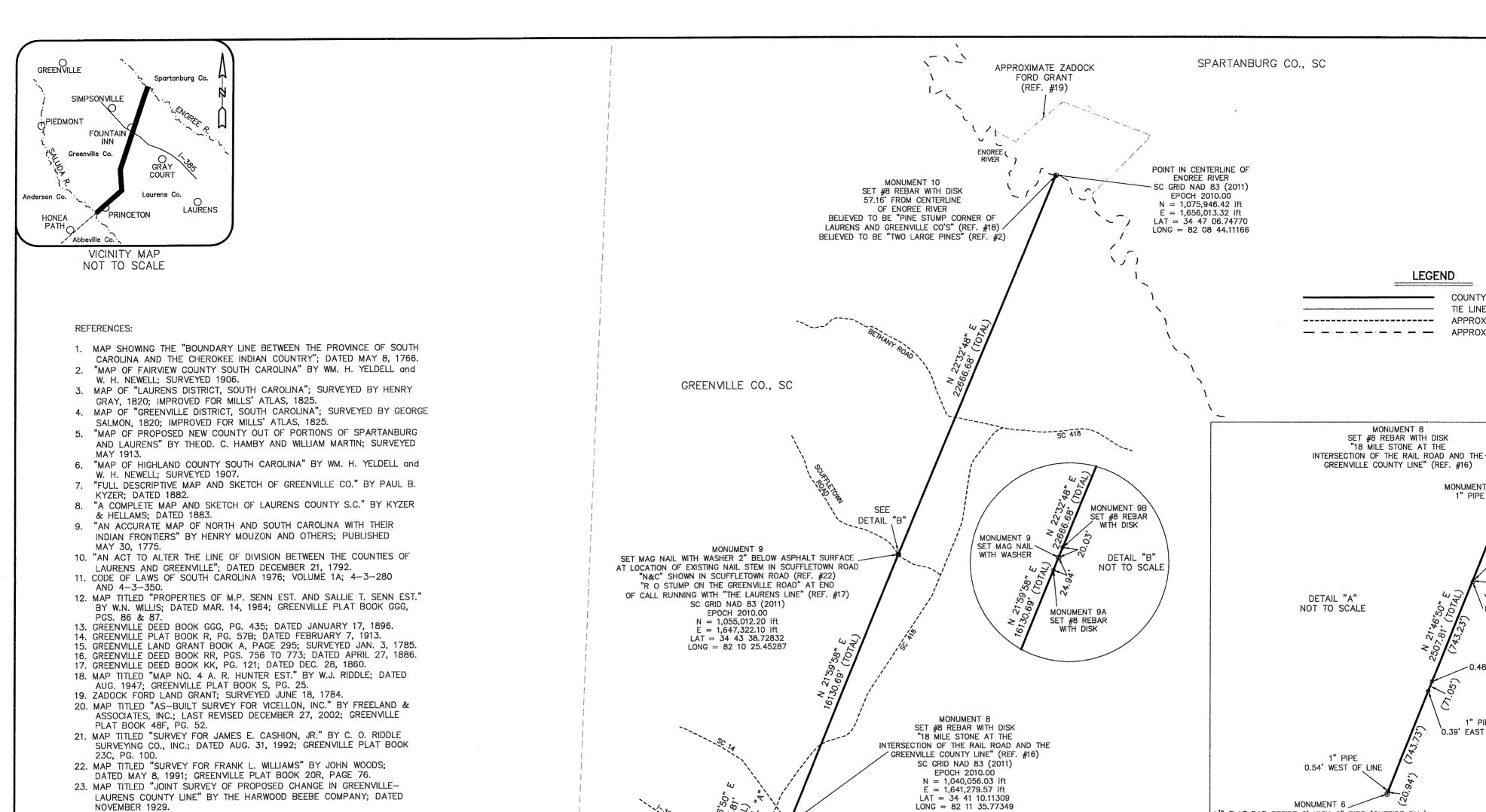
**RE:** Road Length Adjustments at the Greenville/Laurens County Line

The South Carolina Revenue and Fiscal Affairs Office re-established the Greenville/Laurens County line in 2019. This changed the lengths for the following Greenville County roads.

The "Map Lengths" and "Beginning/Ending Points" shown below reflect the *actual* length and beginning/end points. I recommend that the Road Inventory Length be changed to coincide with the new Greenville/Laurens County line as shown below. The net addition to the inventory is 6,034 feet or 1.14 miles.

Road Name	From	То	Old Length	New Length	Additional Length
Stewart Road (H0008)	Bethany Road	Greenville/Laurens County Line	3420′	3753'	333′
Andrews Road (C0032)	Greenpond Road	Greenville/Laurens County Line	3050′	3383'	333′
Tiffany Lane (C0108)	Allison Drive	Greenville/Laurens County Line	859′	2050′	1191'
Allison Drive (C0109)	Tiffany Lane	Greenville/Laurens County Line	644′	1472′	828'
Quercus Run (C0082)	Cul-De-Sac	Greenville/Laurens County Line	233′	1079′	846'
Karla Court (C0083)	Quercus Run	Cul-De-Sac	725′	2150′	1425′
McKittrick Bridge Road Ext. (C0007)	Hillside Church Road	Greenville/Laurens County Line	7533′	8611'	1078′





TRAVERSES ADJUSTED BY THE LEAST SQUARES ADJUSTMENT METHOD.

ALL DISTANCES ARE HORIZONTAL GRID DISTANCES.

3. SC GRID NAD 83 (2011) EPOCH 2010.00 BASIS OF BEARING DERIVED FROM SCGS NETWORK RTK (HORIZONTAL POSITIONAL ACCURACY = 0.07') USING GEOID MODEL GEOID12B. UNITS ARE INTERNATIONAL FEET.

1" PIPE '0.39' EAST OF LINE 1" PIPE 0.54' WEST OF LINE MONUMENT 6 \_ 12" FLAT BAR BESIDE 6' HIGH 2" PIPE (OUTSIDE DIA.) "OLD IRON" SHOWN ON GREENVILLE AND LAURENS COUNTY LINE (REF. #20) "STONE IN HOLLOW ON LAURENS LINE" (REF. #16) Sheet 2 of 2 Re-Establishment of the Greenville County and Laurens County Boundary from the Saluda River Northeast to the Enoree River GREENVILLE COUNTY, S.C. LAURENS COUNTY, S.C. SURVEY FOR: SOUTH CAROLINA GEODETIC SURVEY 5 GEOLOGY ROAD

LEGEND

MONUMENT 8 SET #8 REBAR WITH DISK

"18 MILE STONE AT THE

GREENVILLE COUNTY LINE" (REF. #16)

TIE LINE

MONUMENT 7

1" PIPE

COUNTY LINE AS SURVEYED

PINCHED PIPE

6.05' EAST OF LINE

BENT 1" PINCHED PIPE

5.00' EAST OF LINE

-0.48' EAST OF LINE

APPROXIMATE ROAD

APPROXIMATE RIVER

COLUMBIA, SC 29212

DATE: 04-29-2019 SCALE: 1" = 4000' JOB NO.: 150109.000

COMPUTED BY: RAP DRAWN BY: RAP CHECKED BY: FAR

ACAD FILE: SCgrid2011.dwg SCALE IN FEET

4000

LAND DEVELOPMENT SERVICES 45 SPRING STREET SW CONCORD (704) 786-5404 CONCORD, NC 28025 FAX (704) 786-7454 S.C. CERTIFICATE OF AUTHORIZATION NO. C00591

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LAURENS CO., SC

TH CARO,

CONCORD

ENGINEERING &

14 E-35-

SHEET 2

SHEET 1

No. C00591 SURVEYING, INC.

WARD OF THE CARO

MONUMENT 7

53.88' FROM COMPUTED LOCATION OF "18 MILE STONE" "IPF ₹" OT" (REF. #21)

POINT ON LINE BETWEEN "STONE IN HOLLOW ON

LAURENS LINE" AND "18 MILE STONE AT THE INTERSECTION OF THE RAIL ROAD AND THE GREENVILLE COUNTY LINE" (REF. #16)

MONUMENT 6 11 FLAT BAR BESIDE 6' HIGH 2" PIPE (OUTSIDE DIA.)

"OLD IRON" SHOWN ON GREENVILLE AND LAURENS

COUNTY LINE (REF. #20) "STONE IN HOLLOW ON LAURENS LINE" (REF. #16)

SC GRID NAD 83 (2011)

EPOCH 2010.00

N = 1,037,727.25 ift

E = 1.640.349.05 ift

LAT = 34 40 46.97259

LONG = 82 11 46.59299

1" PIPE

APPROXIMATE 1767
JEROKEE NATION LINE

FAIRVIEW CHURCH

**MATCH** 

LINE