

| SHEET NO.                     | DESCRIPTION                                  | SHEET SUBTOTALS |
|-------------------------------|--|-----------------|
| 1                             | TITLE SHEET                                  | 1               |
| 5AA,5G,5N,5O,5Z               | REFERENCE DATA SHEETS                        | 5               |
| 5BBB,5HH,5MM,5NN,5OO,5PP,5QQ  | REFERENCE DATA SHEETS<br>EXISTING ALIGNMENTS | 5               |
| 48,49,50,51,52,53,54,55,76,77 | PLAN SHEETS                                  | 10              |
| TOTAL                         |  | 21              |

| SHEET NO. | TOTAL SHEETS |
|-----------|--------------|
| 1         | 21           |



SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION

COLUMBIA

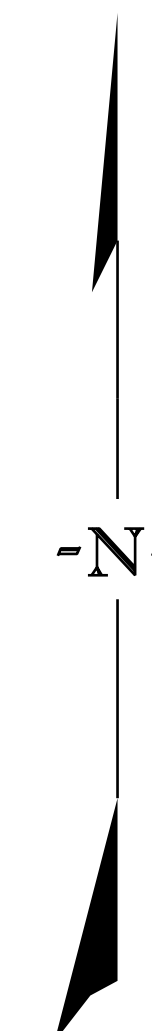
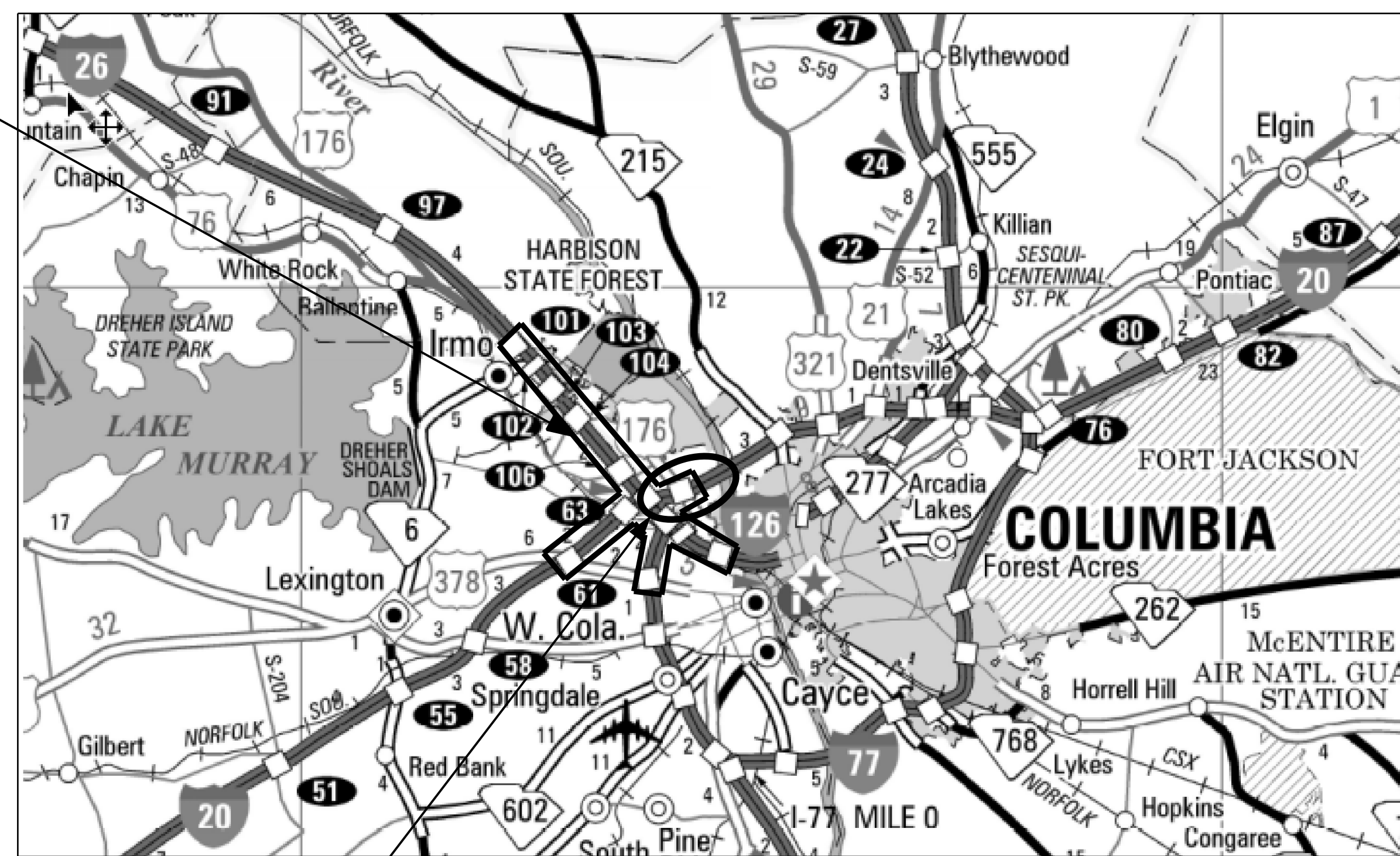


PROJECT RIGHT OF WAY PLANS  
FOR  
RICHLAND/LEXINGTON COUNTIES  
PROJECT ID P039719  
I-20/26/126

| Approximate Location of Roadway is |                 |
|------------------------------------|-----------------|
| Begin                              |                 |
| Latitude                           | 34° 6' 28.8" N  |
| Longitude                          | 81° 10' 58.8" W |
| End                                |                 |
| Latitude                           | 34° 0' 57.6" N  |
| Longitude                          | 81° 5' 9.6" W   |

|  |
|--|
| Design Reference for these plans is the: |
| <b>2017</b>                              |
| SCDOT Roadway Design Manual              |

PROJECT ID P027662



3 DAYS BEFORE DIGGING IN  
SOUTH CAROLINA  
**CALL 811**  
SOUTH CAROLINA 811 (SC811)  
WWW.SC811.COM  
ALL UTILITIES MAY NOT BE A MEMBER OF SC811

RAILROAD INVOLVEMENT?  
YES /  NO

PROJECT ID P039719

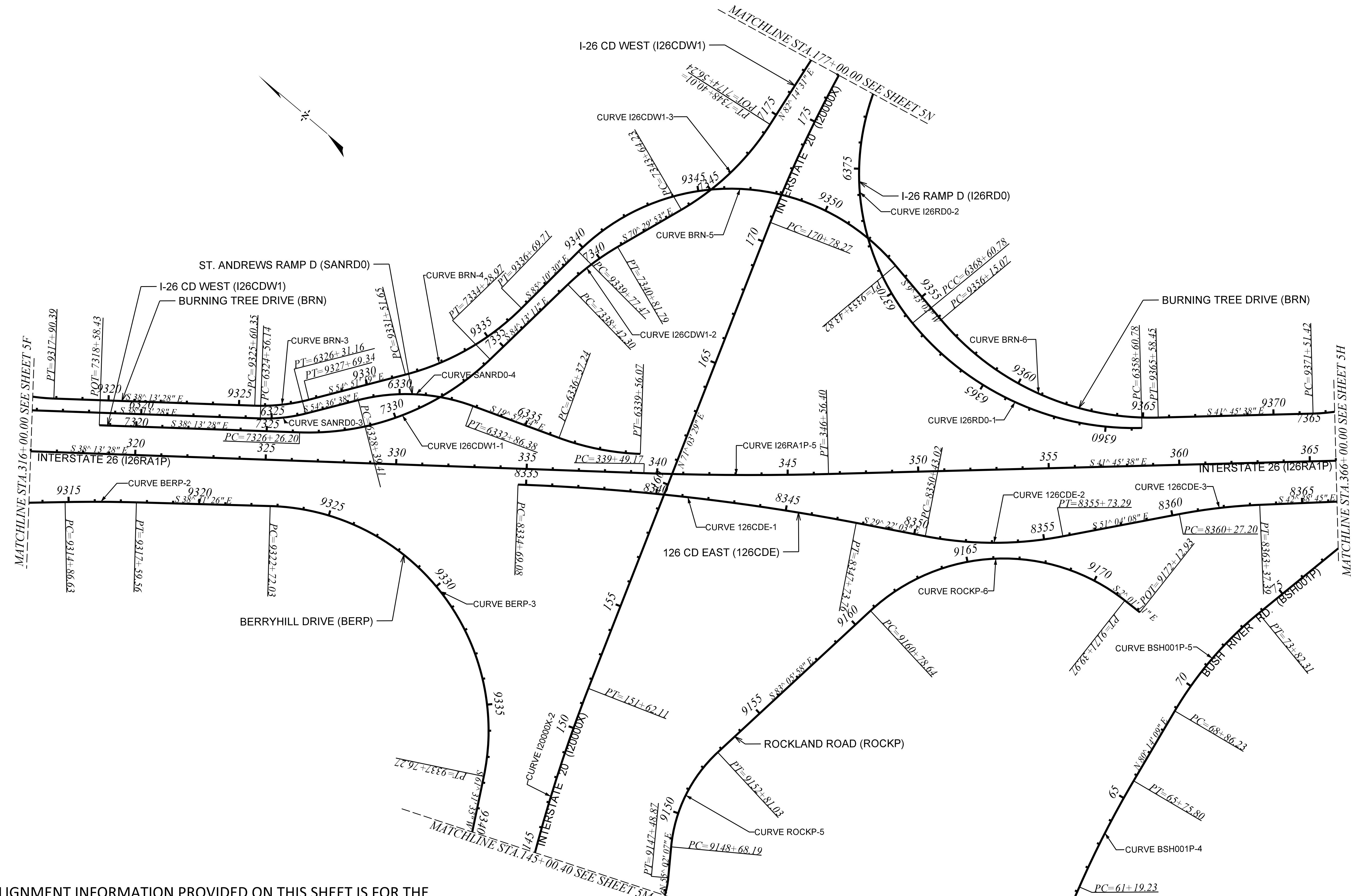
NOTE: EXCEPT AS MAY OTHERWISE BE SPECIFIED ON THE PLANS OR IN THE SPECIAL PROVISIONS, ALL MATERIALS AND WORKMANSHIP ON THIS PROJECT SHALL CONFORM TO THE TO CONFORM WITH SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION (2007 EDITION) AND THE STANDARD DRAWINGS FOR ROAD CONSTRUCTION IN EFFECT AT THE TIME OF LETTING

| Approved for Right Of Way Acquisition: |      |
|--|------|
| Consultant Engineer of Record          | Date |
| <b>SEE P027662</b>                     |      |
| SCDOT Mega Projects Office             | Date |

CONSULTING ENGINEERING FIRM

HDR ENGINEERING INC.  
OF THE CAROLINAS  
1122 LADY STREET  
SUITE 1100  
COLUMBIA, SC, 29210  
803-254-5800

| ENGINEER OF RECORD |      |
|--------------------|------|
| FOR CONSTRUCTION : | DATE |



ALIGNMENT INFORMATION PROVIDED ON THIS SHEET IS FOR THE ESTABLISHMENT OF PROJECT RIGHT OF WAY AND DOES NOT REFLECT THE ALIGNMENT FOR FINAL DESIGN. ALIGNMENTS FOR FINAL DESIGN OF THE PROJECT ARE THE RESPONSIBILITY OF THE DESIGN BUILD TEAM.

| TRACT(S) | ISSUED FOR | DATE | TRACT(S) | ISSUED FOR | DATE |
|----------|------------|------|----------|------------|------|
|          |            |      |          |            |      |
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PLANS PREPARED BY

PLANS PREPARED FOR

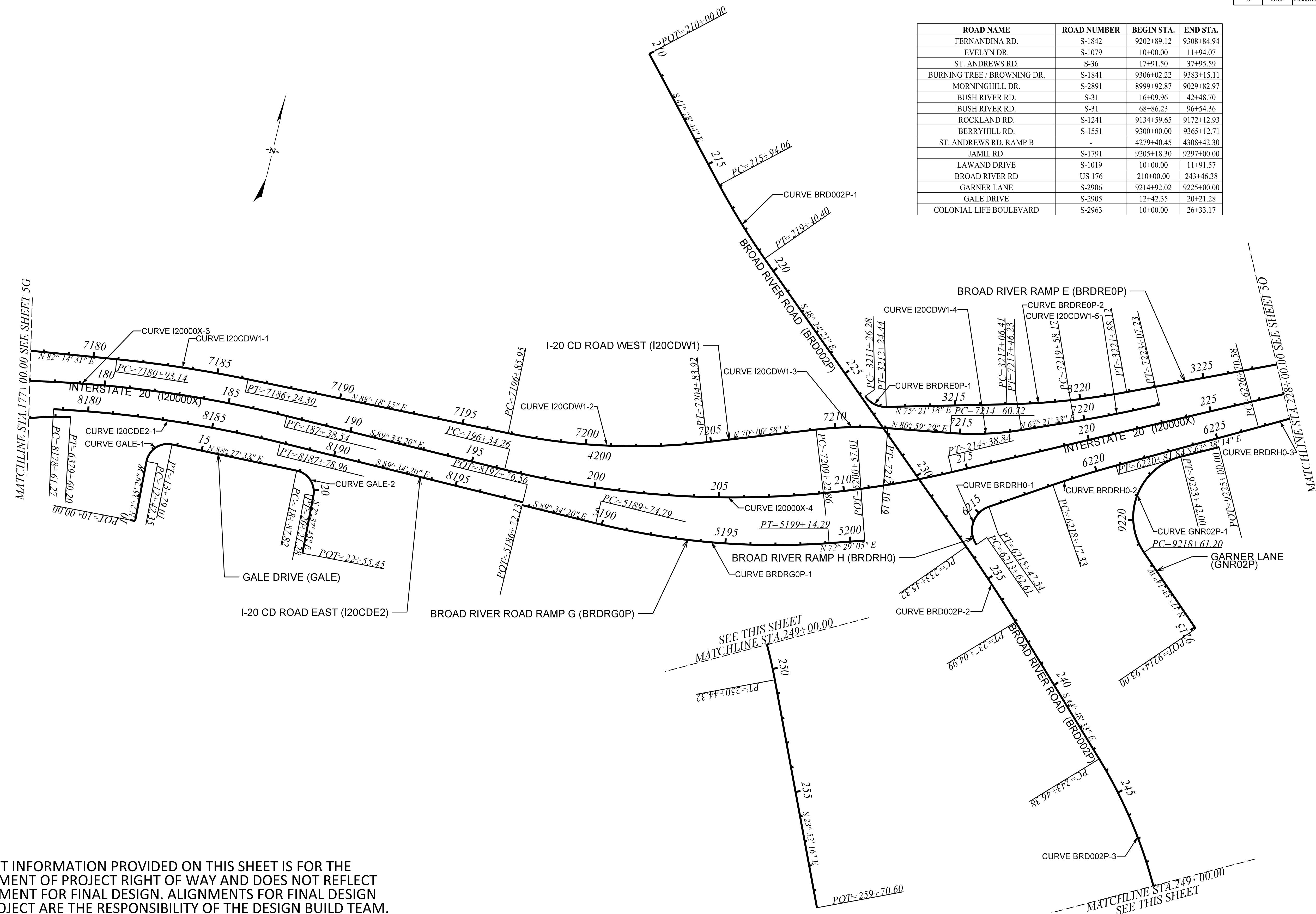
0 100 200 400

CAROLINA CROSSROADS

REFERENCE DATA SHEET



| ROAD NAME                   | ROAD NUMBER | BEGIN STA. | END STA.   |
|-----------------------------|-------------|------------|------------|
| FERNANDINA RD.              | S-1842      | 9202+89.12 | 9308+84.94 |
| EVELYN DR.                  | S-1079      | 10+00.00   | 11+94.07   |
| ST. ANDREWS RD.             | S-36        | 17+91.50   | 37+95.59   |
| BURNING TREE / BROWNING DR. | S-1841      | 9306+02.22 | 9383+15.11 |
| MORNINGHILL DR.             | S-2891      | 8999+92.87 | 9029+82.97 |
| BUSH RIVER RD.              | S-31        | 16+09.96   | 42+48.70   |
| BUSH RIVER RD.              | S-31        | 68+86.23   | 96+54.36   |
| ROCKLAND RD.                | S-1241      | 9134+59.65 | 9172+12.93 |
| BERRYHILL RD.               | S-1551      | 9300+00.00 | 9365+12.71 |
| ST. ANDREWS RD. RAMP B      | -           | 4279+40.45 | 4308+42.30 |
| JAMIL RD.                   | S-1791      | 9205+18.30 | 9297+00.00 |
| LAWAND DRIVE                | S-1019      | 10+00.00   | 11+91.57   |
| BROAD RIVER RD              | US 176      | 210+00.00  | 243+46.38  |
| GARNER LANE                 | S-2906      | 9214+92.02 | 9225+00.00 |
| GALE DRIVE                  | S-2905      | 12+42.35   | 20+21.28   |
| COLONIAL LIFE BOULEVARD     | S-2963      | 10+00.00   | 26+33.17   |



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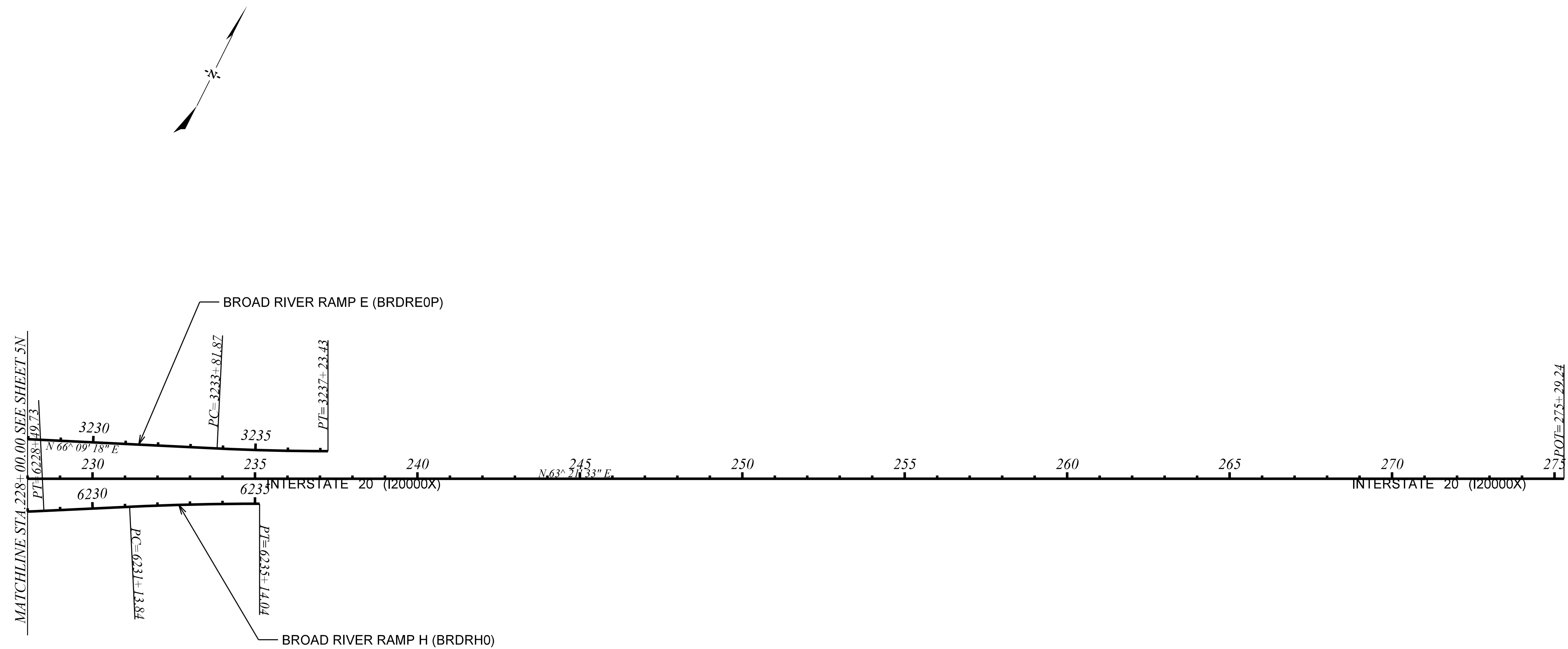
PLANS PREPARED BY

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CAROLINA CROSSROADS

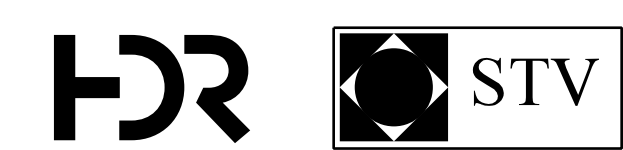
REFERENCE DATA SHEET



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PLANS PREPARED BY



PLANS PREPARED FOR



CAROLINA CROSSROADS

REFERENCE DATA SHEET





| FED. RD. DIST. NO. | STATE | COUNTY             | FILE NO. | ROAD/ROUTE NO. | SHEET NO. |
|--------------------|-------|--------------------|----------|----------------|-----------|
| 3                  | S.C.  | LEXINGTON/RICHLAND | P039719  | I26I-20I-1S    | 5Z        |

**ROCKLAND ROAD (ROCKP)**

Beginning chain ROCKP description

Point ROCKP001 N 800,162.9668 E 1,964,507.9630 Sta 9134+59.65  
Course from ROCKP001 to PC ROCKP-1 N 59° 06' 35.30" E Dist 253.3062

Curve Data  
\*-----\*

Curve ROCKP-1  
P.I. Station 9137+97.79 N 800,336.5631 E 1,964,798.1340  
Delta = 75° 16' 34.79" (LT)  
Degree = 52° 05' 13.46"  
Tangent = 84,8282  
Length = 144.5202  
Radius = 110,0000  
External = 28,9094  
Long Chord = 134,3480  
Mid. Ord. = 22,8929  
P.C. Station 9137+12.96 N 800,293.0128 E 1,964,725.3385  
P.T. Station 9138+57.48 N 800,418.0369 E 1,964,774.5153  
C.C. = N 800,387.4096 E 1,964,668.8651  
Back = N 59° 06' 35.30" E  
Ahead = N 16° 09' 59.50" W  
Chord Bear = N 21° 28' 17.90" E  
Course from PT ROCKP-1 to PC ROCKP-2 N 16° 09' 59.50" W Dist 201.9721

Curve Data  
\*-----\*

Curve ROCKP-2  
P.I. Station 9142+50.43 N 800,795.4466 E 1,964,665.1067  
Delta = 127° 06' 15.91" (RT)  
Degree = 60° 18' 40.85"  
Tangent = 190.9761  
Length = 210.7471  
Radius = 95,0000  
External = 118,3000  
Long Chord = 170,1147  
Mid. Ord. = 52,6887  
P.C. Station 9140+59.45 N 800,612.0223 E 1,964,718.2802  
P.T. Station 9142+70.20 N 800,727.2001 E 1,964,843.4724  
C.C. = N 800,638.4731 E 1,964,809.5236  
Back = N 16° 09' 59.50" W  
Ahead = S 69° 03' 43.59" E  
Chord Bear = N 47° 23' 08.46" E  
Course from PT ROCKP-2 to PC ROCKP-3 S 69° 03' 43.59" E Dist 148,8962

Curve Data  
\*-----\*

Curve ROCKP-3  
P.I. Station 9144+92.49 N 800,647.7617 E 1,965,051.0891  
Delta = 31° 31' 44.84" (LT)  
Degree = 22° 02' 12.62"  
Tangent = 73,3989  
Length = 143.0746  
Radius = 260,0000  
External = 10,1618  
Long Chord = 141,2762  
Mid. Ord. = 9,7796  
P.C. Station 9144+19.10 N 800,673.9912 E 1,964,982.5368  
P.T. Station 9145+62.17 N 800,661.2525 E 1,965,123.2375  
C.C. = N 800,916.8230 E 1,965,075.4493  
Back = S 69° 03' 43.59" E  
Ahead = N 79° 24' 31.57" E  
Chord Bear = S 84° 49' 36.01" E  
Course from PT ROCKP-3 to PC ROCKP-4 N 79° 24' 31.57" E Dist 48,4428

Curve Data  
\*-----\*

Curve ROCKP-4  
P.I. Station 9146+80.80 N 800,683.0570 E 1,965,239.8480  
Delta = 24° 22' 24.52" (LT)  
Degree = 17° 37' 46.09"  
Tangent = 70,1887  
Length = 138.2542  
Radius = 325,0000  
External = 7,4928  
Long Chord = 137,2141  
Mid. Ord. = 7,3239  
P.C. Station 9146+10.61 N 800,670.1563 E 1,965,170.8550  
P.T. Station 9147+48.87 N 800,723.2802 E 1,965,297.3680  
C.C. = N 800,989.6194 E 1,965,111.1197  
Back = N 79° 24' 31.57" E  
Ahead = N 55° 02' 07.06" E  
Chord Bear = N 67° 13' 19.31" E  
Course from PT ROCKP-4 to PC ROCKP-5 N 55° 02' 07.06" E Dist 119,3260

Curve Data  
\*-----\*

Curve ROCKP-5  
P.I. Station 9150+84.32 N 800,915.5158 E 1,965,572.2691  
Delta = 41° 51' 55.16" (RT)  
Degree = 10° 08' 27.05"  
Tangent = 216,1216  
Length = 412,8386  
Radius = 565,0000  
External = 39,9244  
Long Chord = 403,7156  
Mid. Ord. = 37,2895  
P.C. Station 9148+68.19 N 800,791.6626 E 1,965,395.1563  
P.T. Station 9152+81.03 N 800,889.5493 E 1,965,786.8252  
C.C. = N 800,328.6422 E 1,965,718.9418  
Back = N 55° 02' 07.06" E  
Ahead = S 83° 05' 57.78" E  
Chord Bear = N 75° 58' 04.64" E  
Course from PT ROCKP-5 to PC ROCKP-6 S 83° 05' 57.78" E Dist 797.6039

**I-20 CD ROAD WEST (I20CDW1)**

Beginning chain I20CDW1 description

Point CDW1201000 N 802,290.6828 E 1,967,751.2620 Sta 7174+56.24  
Course from CDW1201000 to PC I20CDW1-1 N 82° 14' 30.92" E Dist 636.9046

Curve Data  
\*-----\*

Curve I20CDW1-1  
P.I. Station 7183+58.97 N 802,412.5428 E 1,968,645.7292  
Delta = 6° 03' 44.11" (RT)  
Degree = 1° 08' 28.81"  
Tangent = 265,8253  
Length = 531,1546  
Radius = 5,020,0672  
External = 7,0331  
Long Chord = 530,9069  
Mid. Ord. = 7,0233  
P.C. Station 7180+93.14 N 802,376.6589 E 1,968,382.3370  
P.T. Station 7186+24.30 N 802,420.4095 E 1,968,911.4381  
C.C. = N 797,402.5410 E 1,969,059.9989  
Back = N 82° 14' 30.92" E  
Ahead = N 88° 18' 15.03" E  
Chord Bear = N 85° 16' 22.98" E  
Course from PT I20CDW1-1 to PC I20CDW1-2 N 88° 18' 15.03" E Dist 1,061,6514

Curve Data  
\*-----\*

Curve I20CDW1-2  
P.I. Station 7200+88.36 N 802,463.7359 E 1,970,374.8533  
Delta = 18° 17' 16.88" (LT)  
Degree = 2° 17' 30.59"  
Tangent = 402,4050  
Length = 797,9655  
Radius = 2,500,0000  
External = 32,1789  
Long Chord = 794,5825  
Mid. Ord. = 31,7699  
P.C. Station 7196+85.95 N 802,451,8274 E 1,969,972,6245  
P.T. Station 7204+83.92 N 802,601,2599 E 1,970,753,0290  
C.C. = N 804,950,7324 E 1,969,898,6411  
Back = N 88° 18' 15.03" E  
Ahead = N 70° 00' 58.15" E  
Chord Bear = N 79° 09' 36.59" E  
Course from PT I20CDW1-2 to PC I20CDW1-3 N 70° 00' 58.15" E Dist 438,9456

Curve Data  
\*-----\*

Curve I20CDW1-3  
P.I. Station 7210+66.97 N 802,800.5205 E 1,971,300,9736  
Delta = 10° 58' 30.47" (RT)  
Degree = 3° 49' 10.99"  
Tangent = 144,1050  
Length = 287,3283  
Radius = 1,500,0000  
External = 6,9062  
Long Chord = 286,8892  
Mid. Ord. = 6,8745  
P.C. Station 7209+22.86 N 802,751,2718 E 1,971,165,5453  
P.T. Station 7212+10.19 N 802,823,0851 E 1,971,443,3011  
C.C. = N 801,341,5883 E 1,971,678,1781  
Back = N 70° 00' 58.15" E  
Ahead = N 80° 59' 28.63" E  
Chord Bear = N 75° 30' 13.39" E  
Course from PT I20CDW1-3 to PC I20CDW1-4 N 80° 59' 28.63" E Dist 250,5334

Curve Data  
\*-----\*

Curve I20CDW1-4  
P.I. Station 7216+04.16 N 802,884,7742 E 1,971,832,4074  
Delta = 13° 37' 55.69" (LT)  
Degree = 4° 46' 28.73"  
Tangent = 143,4326  
Length = 285,5108  
Radius = 1,200,0000  
External = 8,5417  
Long Chord = 284,8378  
Mid. Ord. = 8,4813  
P.C. Station 7214+60.72 N 802,862,3148 E 1,971,690,7441  
P.T. Station 7217+46.23 N 802,939,9891 E 1,971,964,7866  
C.C. = N 804,047,5123 E 1,971,502,8424  
Back = N 80° 59' 28.63" E  
Ahead = N 67° 21' 32.94" E  
Chord Bear = N 74° 10' 30.79" E  
Course from PT I20CDW1-4 to PC I20CDW1-5 N 67° 21' 32.94" E Dist 211,9330

Curve Data  
\*-----\*

Curve I20CDW1-5  
P.I. Station 7221+32.77 N 803,088,7878 E 1,972,321,5354  
Delta = 4° 00' 00.00" (LT)  
Degree = 1° 08' 45.30"  
Tangent = 174,6038  
Length = 349,0659  
Radius = 5,000,0000  
External = 3,0477  
Long Chord = 348,9950  
Mid. Ord. = 3,0459  
P.C. Station 7219+58.17 N 803,021,5734 E 1,972,160,3872  
P.T. Station 7223+07.23 N 803,167,0795 E 1,972,477,6023  
C.C. = N 807,636,2534 E 1,970,235,6200  
Back = N 67° 21' 32.94" E  
Ahead = N 63° 21' 32.94" E  
Chord Bear = N 65° 21' 32.94" E

Curve Data  
\*-----\*

Ending chain I20CDW1 description

**I-20 CD ROAD EAST (I20CDE2)**

Beginning chain I20CDE2 description

Curve Data  
\*-----\*

Curve I20CDE2-1  
P.I. Station 8183+21.52 N 802,207.9112 E 1,968,635,6297  
Delta = 10° 56' 57.49" (RT)  
Degree = 1° 11' 35.33"  
Tangent = 460,2424  
Length = 917,6817  
Radius = 4,802,0672  
External = 22,0050  
Long Chord = 916,2860  
Mid. Ord. = 21,9046  
P.C. Station 8178+61.27 N 802,123,8695 E 1,968,183,1255  
P.T. Station 8187+78.96 N 802,204,4743 E 1,969,095,8592  
C.C. = N 797,402,5410 E 1,969,059,9989  
Back = N 79° 28' 42.85" E  
Ahead = S 89° 34' 19.66" E  
Chord Bear = N 84° 57' 11.59" E  
Course from PT I20CDE2-1 to CDEI202006 S 89° 34' 19.66" E Dist 997,6056  
Point CDEI202006 N 802,197,0245 E 1,970,093,4371 Sta 8197+76.56

Curve Data  
\*-----\*

Ending chain I20CDE2 description

**GALE DRIVE (GALE)**

Beginning chain GALE description

Point GALE100 N 801,764.6964 E 1,968,603,9491 Sta 10+00.00  
Course from GALE100 to PC GALE-1 N 2° 35' 28.55" W Dist 242.3490

Curve Data  
\*-----\*

Curve GALE-1  
P.I. Station 13+29.94 N 802,094,2993 E 1,968,589,0323  
Delta = 91° 03' 01.70" (RT)  
Degree = 66° 37' 22.80"  
Tangent = 87,5914  
Length = 136,6652  
Radius = 86,0000  
External = 36,7528  
Long Chord = 122,7322  
Mid. Ord. = 25,7488  
P.C. Station 12+42.35 N 802,006,7975 E 1,968,592,9924  
P.T. Station 13+79.01 N 802,096,6545 E 1,968,676,5920  
C.C. = N 802,010,6856 E 1,968,678,9044  
Back = N 2° 35' 28.55" W  
Ahead = N 88° 27' 33.15" E  
Chord Bear = N 42° 56' 02.30" E  
Course from PT GALE-1 to PC GALE-2 N 88° 27' 33.15" E Dist 508,8098

Curve Data  
\*-----\*

Curve GALE-2  
P.I. Station 19+72.21 N 802,112,6046 E 1,969,269,5689  
Delta = 88° 54' 41.67" (RT)  
Degree = 66° 37' 22.80"  
Tangent = 84,3816  
Length = 133,4548  
Radius = 86,0000  
External = 34,4834  
Long Chord = 120,4617  
Mid. Ord. = 24,6140  
P.C. Station 18+87.82 N 802,110,3357 E 1,969,185,2178  
P.T. Station 20+21.28 N 802,028,3119 E 1,969,273,4397  
C.C. = N 802,024,3668 E 1,969,187,5302  
Back = N 88° 27' 33.15" E  
Ahead = S 2° 37' 45.17" E  
Chord Bear = S 47° 05' 06.01" E  
Course from PT GALE-2 to GALE101 S 2° 37' 45.17" E Dist 234,1745  
Point GALE101 N 801,794,3839 E 1,969,284,1818 Sta 22+55.45

Curve Data  
\*-----\*

Ending chain GALE description

**BROAD RIVER ROAD RAMP G (BRDRG0P)**

Beginning chain BRDRG0P description

Point BRDRGP1 N 802,185,0248 E 1,970,093,3474 Sta 5186+72.13  
Course from BRDRGP1 to PC BRDRG0P-1 S 89° 34' 19.66" E Dist 302,6572

Curve Data  
\*-----\*

Curve BRDRG0P-1  
P.I. Station 5194+48.42 N 802,179,2277 E 1,970,869,6139  
Delta = 17° 56' 35.76" (LT)  
Degree = 1° 54' 35.49"  
Tangent = 473,6309  
Length = 939,5072  
Radius = 3,000,0000  
External = 37,1576  
Long Chord = 935,6727  
Mid. Ord. = 36,7030  
P.C. Station 5189+74.79 N 802,182,7647 E 1,970,395,9962  
P.T. Station 5199+14.29 N 802,321,7727 E 1,971,321,2854  
C.C. = N 805,182,6810 E 1,970,418,3993  
Back = S 89° 34' 19.66" E  
Ahead = N 81° 27' 22.46" E  
Chord Bear = N 81° 27' 22.46" E  
Course from PT BRDRG0P-1 to BRDRG0P-2 N 72° 29' 04.58" E Dist 142,7119  
Point BRDRGP2 N 802,364,7235 E 1,971,457,3807 Sta 5200+57.01

Curve Data  
\*-----\*

Ending chain BRDRG0P description

**BROAD RIVER ROAD (BRD002P)**

Beginning chain BRD002P description

Point BRDP002003 N 804,057,7795 E 1,970,169,3324 Sta 210+00.00  
Course from BRDP002003 to PC BRD002P-1 S 41° 28' 44.46" E Dist 594,0570

Curve Data  
\*-----\*

Curve BRD002P-1  
P.I. Station 217+67.44 N 803,482,8162 E 1,970,677,6416  
Delta = 6° 55' 36.45" (LT)  
Degree = 2° 00' 00.00"  
Tangent = 173,3810  
Length = 346,3396  
Radius = 2,864,7890  
External = 5,2418  
Long Chord = 346,1287  
Mid. Ord. = 5,2323  
P.C. Station 215+94.06 N 803,612,7129 E 1,970,562,8035  
P.T. Station 219+40.40 N 803,367,7171 E 1,970,807,3073  
C.C. = N 805,510,1936 E 1,972,709,0987  
Back = S 41° 28' 44.46" E  
Ahead = S 48° 24' 20.91" E  
Chord Bear = S 44° 56' 32.68" E  
Course from PT BRD002P-1 to PC BRD002P-2 S 48° 24' 20.91" E Dist 1,404,9217

Curve Data  
\*-----\*

Curve BRD002P-2  
P.I. Station 235+25.21 N 802,315,6356 E 1,971,992,5371  
Delta = 3° 35' 48.21" (RT)  
Degree = 1° 00' 00.00"  
Tangent = 179,8954  
Length = 359,6726  
Radius = 5,729,5780  
External = 2,8235  
Long Chord = 359,6136  
Mid. Ord. = 2,8221  
P.C. Station 233+45.32 N 802,435,0592 E 1,971,857,9996  
P.T. Station 237+04.99 N 802,188,0072 E 1,972,119,3178  
C.C. = N 798,150,1062 E 1,968,054,4169  
Back = S 48° 24' 20.91" E  
Ahead = S 44° 48' 32.69" E  
Chord Bear = S 46° 36' 26.80" E  
Course from PT BRD002P-2 to PC BRD002P-3 S 44° 48' 32.69" E Dist 641,3932

Curve Data  
\*-----\*

Curve BRD002P-3  
P.I. Station 246+99.29 N 801,482,5957 E 1,972,820,0438  
Delta = 20° 56' 16.58" (RT)  
Degree = 3° 00' 00.00"  
Tangent = 352,9017  
Length = 697,9312  
Radius = 1,909,8590  
External = 32,3307  
Long Chord = 694,0542  
Mid. Ord. = 31,7925  
P.C. Station 243+46.38 N 801,732,9650 E 1,972,571,3376  
P.T. Station 250+44.32 N 801,159,8820 E 1,972,962,8564  
C.C. = N 800,386,9982 E 1,971,216,3708  
Back = S 44° 48' 32.69" E  
Ahead = S 23° 52' 16.11" E  
Chord Bear = S 34° 20' 24.40" E  
Course from PT BRD002P-3 to BRDP002004 S 23° 52' 16.11" E Dist 926,2821  
Point BRDP002004 N 800,312,8360 E 1,973,337,7053 Sta 259+70.60

Curve Data  
\*-----\*

Ending chain BRD002P description

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| FED. NO. | STATE | COUNTY             | FILE NO. | ROADROUTE NO. | SHEET NO. |
|----------|-------|--------------------|----------|---------------|-----------|
| 3        | S.C.  | LEXINGTON/RICHLAND | P039719  | 1251-201-125  | 5AA       |

**BROAD RIVER RAMP E (BRDRE0P)**

Beginning chain BRDRE0P description

Curve Data  
-----  
Curve BRDRE0P-1  
P.I. Station 3211+79.72 N 802,890.8988 E 1,971,365.5594  
Delta = 56° 14' 21.41" (LT)  
Degree = 57° 17' 44.81"  
Tangent = 53.4391  
Length = 98.1561  
Radius = 100.0000  
External = 13.3831  
Long Chord = 94.2628  
Mid. Ord. = 11.8035  
P.C. Station 3211+26.28 N 802,926.3743 E 1,971,325.5942  
P.T. Station 3212+24.44 N 802,904.4098 E 1,971,417.2623  
C.C. N 803,001.1609 E 1,971,391.9792  
Back = S 48° 24' 20.91" E  
Ahead = N 75° 21' 17.69" E  
Chord Bear = S 76° 31' 31.61" E  
Course from PT BRDRE0P-1 to PC BRDRE0P-2 N 75° 21' 17.69" E Dist 481.9690

Curve Data  
-----  
Curve BRDRE0P-2  
P.I. Station 3219+47.78 N 803,087.2935 E 1,972,117.1055  
Delta = 9° 21' 00.14" (LT)  
Degree = 1° 54' 35.49"  
Tangent = 241.3753  
Length = 481.7128  
Radius = 3,000.0000  
External = 9.6947  
Long Chord = 481.1955  
Mid. Ord. = 9.6634  
P.C. Station 3217+06.41 N 803,026.2664 E 1,971,883.5724  
P.T. Station 3221+88.12 N 803,184.8733 E 1,972,337.8774  
C.C. N 805,928.7980 E 1,971,125.0801  
Back = N 75° 21' 17.69" E  
Ahead = N 66° 09' 17.55" E  
Chord Bear = N 70° 45' 17.62" E  
Course from PT BRDRE0P-2 to PC BRDRE0P-3 N 66° 09' 17.55" E Dist 1,193.7479

Curve Data  
-----  
Curve BRDRE0P-3  
P.I. Station 3235+52.68 N 803,736.5194 E 1,973,585.9633  
Delta = 2° 47' 44.61" (LT)  
Degree = 0° 49' 06.64"  
Tangent = 170.8150  
Length = 341.5623  
Radius = 7,000.0000  
External = 2.0838  
Long Chord = 341.5284  
Mid. Ord. = 2.0832  
P.C. Station 3233+81.87 N 803,667.4647 E 1,973,429.7288  
P.T. Station 3237+23.43 N 803,813.1122 E 1,973,738.6438  
C.C. N 810,069.9557 E 1,970,599.8685  
Back = N 66° 09' 17.55" E  
Ahead = N 63° 21' 32.94" E  
Chord Bear = N 64° 45' 25.25" E

Ending chain BRDRE0P description

**BROAD RIVER RAMP H (BRDRH0)**

Beginning chain BRDRH0 description

Curve Data  
-----  
Curve BRDRH0-1  
P.I. Station 6214+95.21 N 802,540.6854 E 1,971,796.7895  
Delta = 105° 57' 26.74" (RT)  
Degree = 57° 17' 44.81"  
Tangent = 132.6020  
Length = 184.9306  
Radius = 100.0000  
External = 66.0821  
Long Chord = 159.6824  
Mid. Ord. = 39.7888  
P.C. Station 6213+62.61 N 802,452.3707 E 1,971,895.7026  
P.T. Station 6215+47.54 N 802,611.5073 E 1,971,908.8946  
C.C. N 802,526.9647 E 1,971,962.3040  
Back = N 48° 14' 23.50" W  
Ahead = N 57° 43' 03.23" E  
Chord Bear = N 4° 44' 19.86" E  
Course from PT BRDRH0-1 to PC BRDRH0-2 N 57° 43' 03.23" E Dist 269.7945

Curve Data  
-----  
Curve BRDRH0-2  
P.I. Station 6219+49.63 N 802,826.2640 E 1,972,248.8369  
Delta = 3° 49' 02.59" (RT)  
Degree = 1° 26' 35.59"  
Tangent = 132.3015  
Length = 264.5051  
Radius = 3,970.0000  
External = 2.2039  
Long Chord = 264.4562  
Mid. Ord. = 2.2027  
P.C. Station 6218+17.33 N 802,755.6027 E 1,972,136.9858  
P.T. Station 6220+81.84 N 802,889.3219 E 1,972,365.1442  
C.C. N 799,399.2630 E 1,974,257.3358  
Back = N 57° 43' 03.23" E  
Ahead = N 61° 32' 05.82" E  
Chord Bear = N 59° 37' 34.53" E  
Course from PT BRDRH0-2 to PC BRDRH0-3 N 61° 32' 05.82" E Dist 588.7473

Curve Data  
-----  
Curve BRDRH0-3  
P.I. Station 6227+60.16 N 803,212.6264 E 1,972,961.4643  
Delta = 0° 53' 33.25" (LT)  
Degree = 0° 29' 53.61"  
Tangent = 89.5768  
Length = 179.1489  
Radius = 11,500.0000  
External = 0.3489  
Long Chord = 179.1481  
Mid. Ord. = 0.3489  
P.C. Station 6226+70.58 N 803,169.9321 E 1,972,882.7166  
P.T. Station 6228+49.73 N 803,256.5422 E 1,973,039.5373  
C.C. N 813,279.6743 E 1,967,401.5569  
Back = N 61° 32' 05.82" E  
Ahead = N 60° 38' 32.58" E  
Chord Bear = N 61° 05' 19.20" E  
Course from PT BRDRH0-3 to PC BRDRH0-4 N 60° 38' 32.58" E Dist 264.1115

Curve Data  
-----  
Curve BRDRH0-4  
P.I. Station 6233+13.98 N 803,484.1435 E 1,973,444.1640  
Delta = 2° 43' 00.36" (RT)  
Degree = 0° 40' 43.90"  
Tangent = 200.1353  
Length = 400.1956  
Radius = 8,440.0000  
External = 2.3725  
Long Chord = 400.1581  
Mid. Ord. = 2.3719  
P.C. Station 6231+13.84 N 803,386.0253 E 1,973,269.7307  
P.T. Station 6235+14.04 N 803,573.8835 E 1,973,623.0519  
C.C. N 796,029.9179 E 1,977,407.5181  
Back = N 60° 38' 32.58" E  
Ahead = N 63° 21' 32.94" E  
Chord Bear = N 62° 00' 02.76" E

Ending chain BRDRH0 description

**GARNER LANE (GNR02P)**

Beginning chain GNR02P description


Point GNRP201 N 802,328.8081 E 1,972,825.7121 Sta 9214+93.00  
Course from GNRP201 to PC GNR02P-1 N 47° 33' 14.26" W Dist 368.2043  
Curve Data  
-----  
Curve GNR02P-1  
P.I. Station 9222+19.51 N 802,819.1281 E 1,972,289.6090  
Delta = 110° 11' 28.43" (RT)  
Degree = 22° 55' 05.92"  
Tangent = 358.3082  
Length = 480.7999  
Radius = 250.0000  
External = 186.9036  
Long Chord = 410.0540  
Mid. Ord. = 106.9478  
P.C. Station 9218+61.20 N 802,577.3075 E 1,972,554.0093  
P.T. Station 9223+42.00 N 802,983.8144 E 1,972,607.8276  
C.C. N 802,761.7858 E 1,972,722.7332  
Back = N 47° 33' 14.26" W  
Ahead = N 62° 38' 14.17" E  
Chord Bear = N 7° 32' 29.95" E  
Course from PT GNR02P-1 to GNRP202 N 62° 38' 14.17" E Dist 157.9955  
Point GNRP202 N 803,056.4327 E 1,972,748.1458 Sta 9225+00.00

Ending chain GNR02P description


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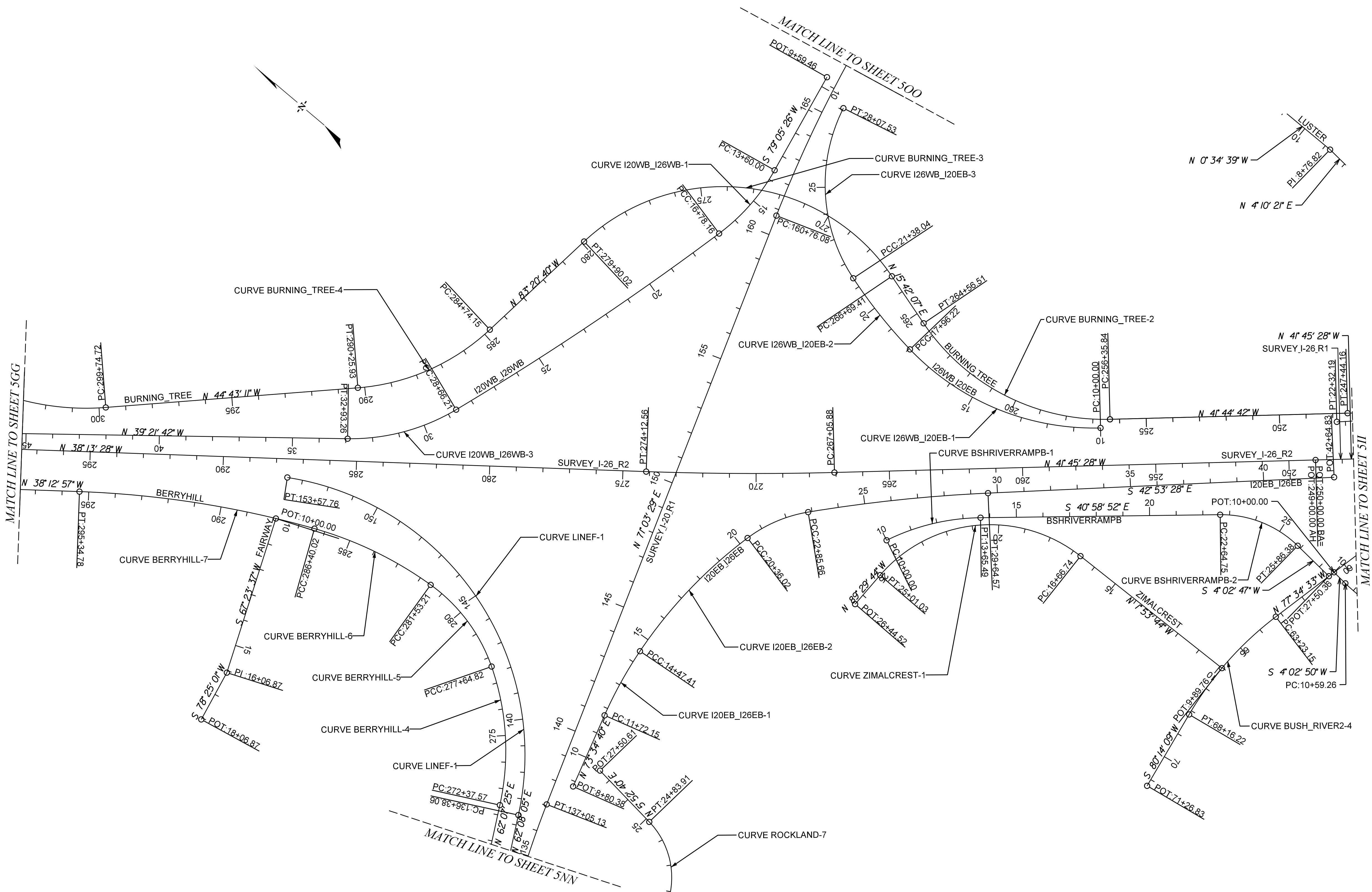


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CAROLINA CROSSROADS

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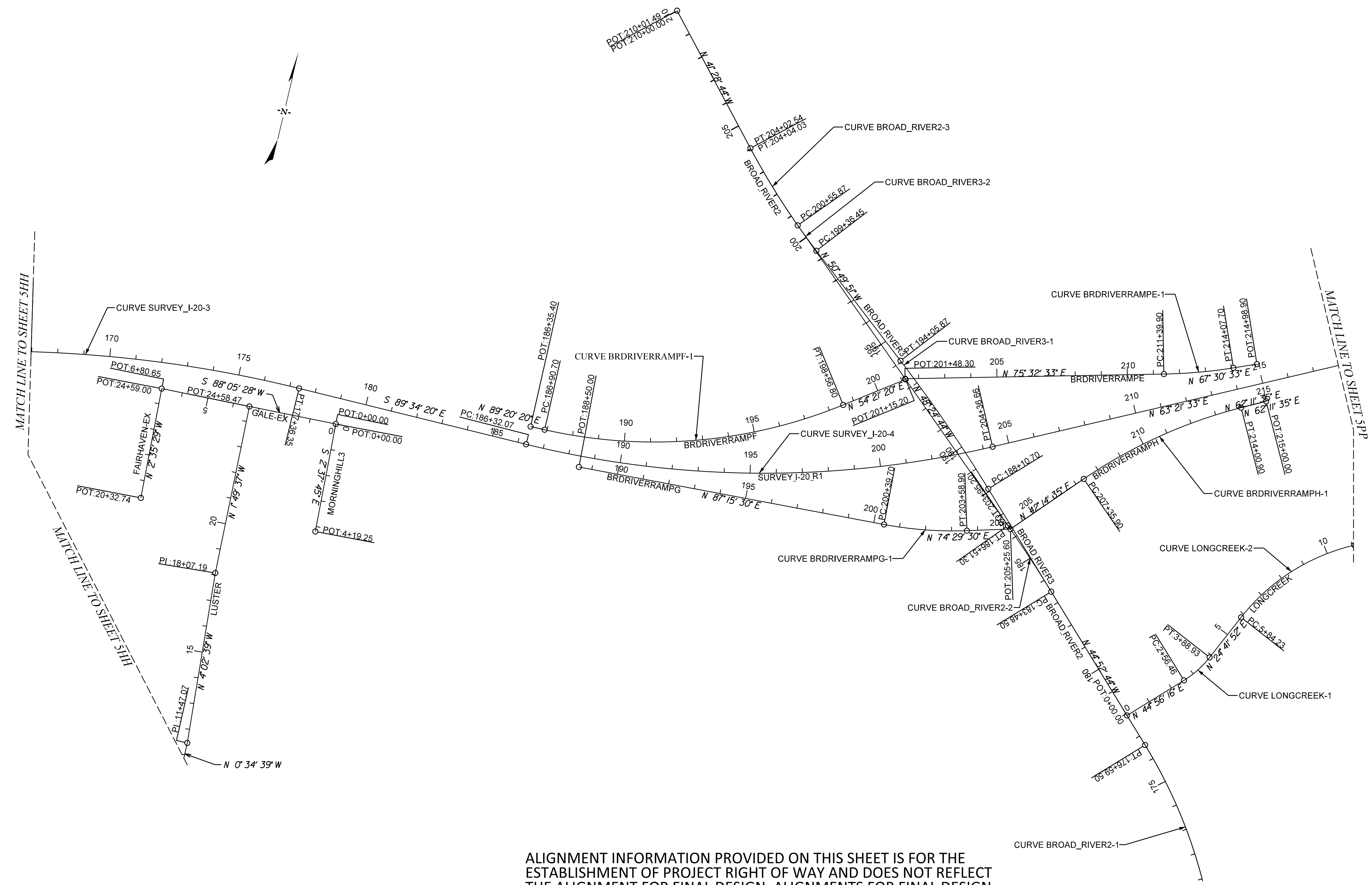
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CAROLINA CROSSROADS

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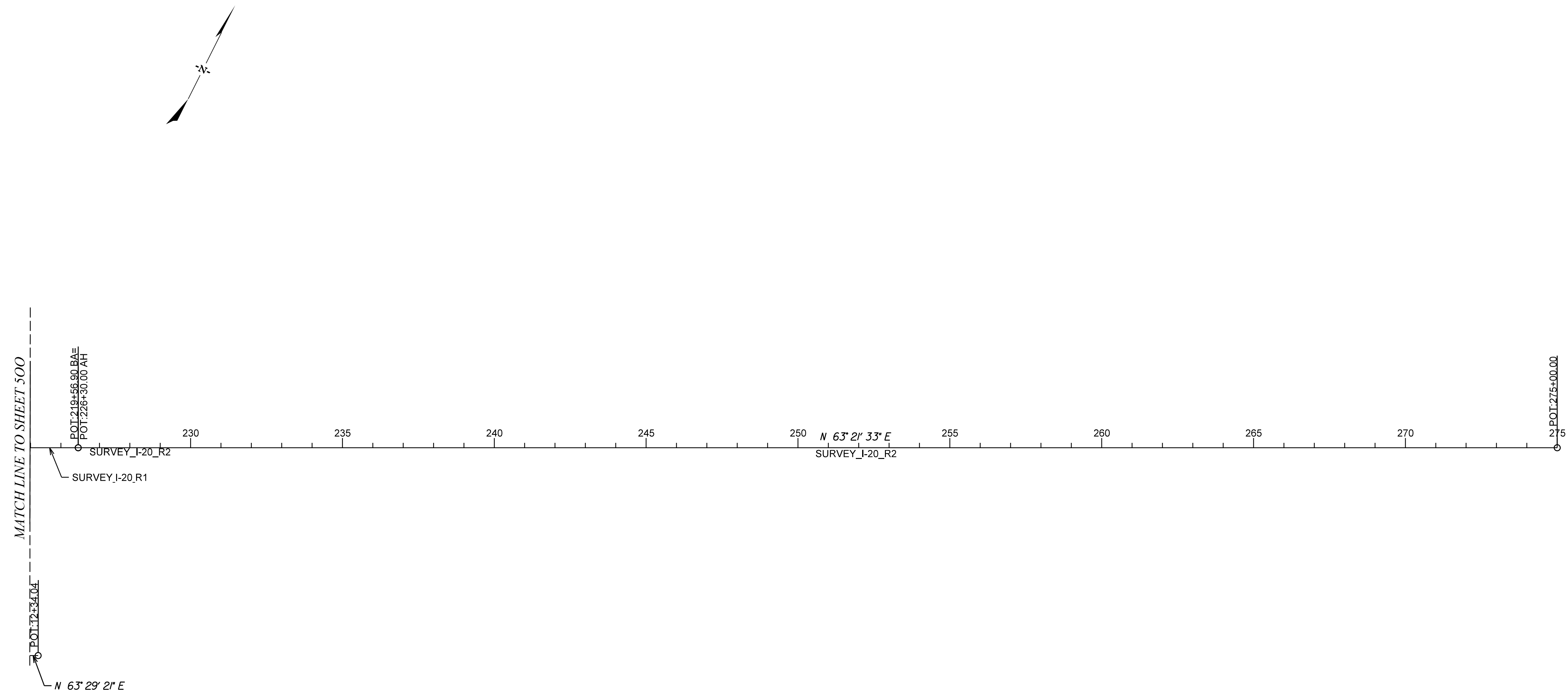
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CAROLINA CROSSROADS  
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| FED. NO. | STATE | COUNTY             | FILE NO. | ROADROUTE NO.  | SHEET NO. |
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| 3        | S.C.  | LEXINGTON/RICHLAND | P039719  | I-26-I-20-I-25 | 5PP       |



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REFERENCE DATA SHEET  
EXISTING ALIGNMENTS



SURVEY\_I-26\_R2

Beginning chain SURVEY\_I-26\_R2 description  
Point XI269000 N 799,911.47 E 1,968,074.00 Sta 249+00.00  
Course from XI269000 to PC SURV\_I-26\_R2-1 N 41° 45' 28.22" W Dist 1,805.88  
Curve Data  
Curve SURV\_I-26\_R2-1  
P.I. Station 270+59.33 N 801,522.25 E 1,966,635.92  
Delta = 3° 32' 00.33" (RT)  
Degree = 0° 30' 00.00"  
Tangent = 353.45  
Length = 706.68  
Radius = 11,459.16  
External = 5.45  
Long Chord = 706.57  
Mid. Ord. = 5.45  
P.C. Station 267+05.88 N 801,258.59 E 1,966,871.31  
P.T. Station 274+12.56 N 801,799.93 E 1,966,417.22  
C.C. N 808,890.20 E 1,975,419.46  
Back = N 41° 45' 28.22" W  
Ahead = N 38° 13' 27.90" W  
Chord Bear = N 39° 59' 28.06" W  
Course from PT SURV\_I-26\_R2-1 to PC SURV\_I-26\_R2-2 N 38° 13' 27.90" W Dist 4,171.30  
Curve Data  
Curve SURV\_I-26\_R2-2  
P.I. Station 319+74.77 N 805,383.97 E 1,963,594.39  
Delta = 3° 54' 27.12" (LT)  
Degree = 0° 30' 00.00"  
Tangent = 390.90  
Length = 781.51  
Radius = 11,459.16  
External = 6.17  
Long Chord = 781.36  
Mid. Ord. = 6.66  
P.C. Station 315+83.86 N 805,076.87 E 1,963,836.25  
P.T. Station 323+65.37 N 805,673.86 E 1,963,332.15  
C.C. N 797,986.60 E 1,954,834.02  
Back = N 38° 13' 27.90" W  
Ahead = N 42° 07' 55.01" W  
Chord Bear = N 40° 10' 41.45" W  
Course from PT SURV\_I-26\_R2-2 to PC SURV\_I-26\_R2-3 N 42° 07' 55.01" W Dist 7,755.51  
Curve Data  
Curve SURV\_I-26\_R2-3  
P.I. Station 403+78.95 N 811,616.74 E 1,957,956.32  
Delta = 2° 34' 48.71" (RT)  
Degree = 0° 30' 00.00"  
Tangent = 258.06  
Length = 516.04  
Radius = 11,459.16  
External = 2.91  
Long Chord = 516.00  
Mid. Ord. = 2.90  
P.C. Station 401+20.88 N 811,425.36 E 1,958,129.44  
P.T. Station 406+36.92 N 811,815.72 E 1,957,791.99  
C.C. N 819,112.63 E 1,966,627.57  
Back = N 42° 07' 55.01" W  
Ahead = N 39° 33' 06.30" W  
Chord Bear = N 40° 50' 30.66" W  
Course from PT SURV\_I-26\_R2-3 to PC SURV\_I-26\_R2-4 N 39° 33' 06.30" W Dist 11,436.82  
Curve Data  
Curve SURV\_I-26\_R2-4  
P.I. Station 523+65.73 N 820,859.22 E 1,950,323.38  
Delta = 2° 55' 09.26" (LT)  
Degree = 0° 30' 00.00"  
Tangent = 291.99  
Length = 583.85  
Radius = 11,459.16  
External = 3.72  
Long Chord = 583.78  
Mid. Ord. = 3.72  
P.C. Station 520+73.74 N 820,634.08 E 1,950,509.31  
P.T. Station 526+57.59 N 821,074.59 E 1,950,126.23  
C.C. N 813,337.18 E 1,941,673.73  
Back = N 39° 33' 06.30" W  
Ahead = N 42° 28' 15.56" W  
Chord Bear = N 41° 00' 40.93" W  
Course from PT SURV\_I-26\_R2-4 to PC SURV\_I-26\_R2-5 N 42° 28' 15.56" W Dist 5,262.62  
Curve Data  
Curve SURV\_I-26\_R2-5  
P.I. Station 581+10.98 N 825,097.12 E 1,946,444.01  
Delta = 1° 54' 26.97" (RT)  
Degree = 0° 30' 00.00"  
Tangent = 190.77  
Length = 381.50  
Radius = 11,459.16  
External = 1.59  
Long Chord = 381.48  
Mid. Ord. = 1.59  
P.C. Station 579+20.22 N 824,956.41 E 1,946,572.82  
P.T. Station 583+01.71 N 825,242.04 E 1,946,319.95  
C.C. N 832,693.82 E 1,955,025.31  
Back = N 42° 28' 15.56" W  
Ahead = N 40° 33' 48.59" W  
Chord Bear = N 41° 31' 02.08" W  
Course from PT SURV\_I-26\_R2-5 to XI269001 N 40° 33' 48.59" W Dist 3,055.68  
Point XI269001 N 827,563.40 E 1,944,332.88 Sta 613+57.39  
Ending chain SURVEY\_I-26\_R2 description

SURVEY\_I-26\_R1

Beginning chain SURVEY\_I-26\_R1 description  
Point XI268000 N 799,287.99 E 1,968,630.63 Sta 241+64.20  
Course from XI268000 to XI268001 N 41° 45' 28.22" W Dist 835.80  
Point XI268001 N 799,911.47 E 1,968,074.00 Sta 250+00.00  
Ending chain SURVEY\_I-26\_R1 description  
SURVEY\_I-26\_R3  
Beginning chain SURVEY\_I-26\_R3 description  
Point XUS76000 N 798,005.52 E 1,969,119.98 Sta 5+00.00  
Course from XUS76000 to PC SURV\_I-26\_R3-1 S 22° 52' 13.38" W Dist 6,342.27  
Curve Data  
Curve SURV\_I-26\_R3-1  
P.I. Station 78+63.06 N 791,221.30 E 1,966,258.35  
Delta = 34° 38' 00.03" (LT)  
Degree = 1° 45' 00.01"  
Tangent = 1,020.80  
Length = 1,979.05  
Radius = 3,274.04  
External = 155.44  
Long Chord = 1,949.05  
Mid. Ord. = 148.40  
P.C. Station 68+42.27 N 792,161.85 E 1,966,655.08  
P.T. Station 88+21.31 N 790,221.94 E 1,966,466.45  
C.C. N 790,889.40 E 1,969,671.73  
Back = S 22° 52' 13.38" W  
Ahead = S 11° 45' 46.66" E  
Chord Bear = S 5° 33' 13.36" W  
Course from PT SURV\_I-26\_R3-1 to XUS76001 S 11° 45' 46.66" E Dist 889.90  
Point XUS76001 N 789,350.73 E 1,966,647.87 Sta 97+11.21  
Ending chain SURVEY\_I-26\_R3 description  
SURVEY\_I-20\_R1  
Beginning chain SURVEY\_I-20\_R1 description  
Point XI209000 N 792,437.99 E 1,954,911.98 Sta 0+00.00  
Course from XI209000 to PC SURV\_I-20-1 N 63° 59' 47.47" E Dist 1,265.61  
Curve Data  
Curve SURV\_I-20-1  
P.I. Station 22+48.43 N 793,423.76 E 1,956,932.79  
Delta = 19° 28' 01.20" (LT)  
Degree = 1° 00' 00.00"  
Tangent = 982.82  
Length = 1,946.70  
Radius = 5,729.58  
External = 33.68  
Long Chord = 1,937.35  
Mid. Ord. = 82.48  
P.C. Station 12+65.61 N 792,992.87 E 1,956,049.46  
P.T. Station 32+12.31 N 794,124.41 E 1,957,622.02  
C.C. N 798,142.43 E 1,953,537.47  
Back = N 63° 59' 47.47" E  
Ahead = N 44° 31' 46.27" E  
Chord Bear = N 54° 15' 46.87" E  
Course from PT SURV\_I-20-1 to PC SURV\_I-20-2 N 44° 31' 46.27" E Dist 8,724.25  
Curve Data  
Curve SURV\_I-20-2  
P.I. Station 128+36.99 N 800,985.74 E 1,964,371.59  
Delta = 26° 31' 42.64" (RT)  
Degree = 1° 30' 00.00"  
Tangent = 900.43  
Length = 1,768.57  
Radius = 3,819.72  
External = 104.69  
Long Chord = 1,752.81  
Mid. Ord. = 101.90  
P.C. Station 119+36.56 N 800,343.83 E 1,963,740.14  
P.T. Station 137+05.13 N 801,278.03 E 1,965,223.26  
C.C. N 797,665.16 E 1,966,463.18  
Back = N 44° 31' 46.27" E  
Ahead = N 71° 03' 28.91" E  
Chord Bear = N 57° 37.59" E  
Course from PT SURV\_I-20-2 to PC SURV\_I-20-3 N 71° 03' 28.91" E Dist 2,370.95  
Curve Data  
Curve SURV\_I-20-3  
P.I. Station 169+14.22 N 802,319.73 E 1,968,258.56  
Delta = 19° 22' 11.42" (RT)  
Degree = 1° 45' 00.00"  
Tangent = 838.13  
Length = 1,660.27  
Radius = 4,911.07  
External = 71.01  
Long Chord = 1,652.38  
Mid. Ord. = 69.99  
P.C. Station 160+76.08 N 802,047.66 E 1,967,465.82  
P.T. Station 177+36.35 N 802,313.47 E 1,969,096.67  
C.C. N 797,402.54 E 1,969,060.00  
Back = N 71° 03' 28.91" E  
Ahead = S 89° 34' 19.66" E  
Chord Bear = N 80° 44' 34.63" E  
Course from PT SURV\_I-20-3 to PC SURV\_I-20-4 S 89° 34' 19.66" E Dist 895.72

Curve Data

Curve SURV\_I-20-4  
P.I. Station 195+51.53 N 802,299.92 E 1,970,911.80  
Delta = 27° 04' 07.39" (LT)  
Degree = 1° 30' 00.00"  
Tangent = 919.46  
Length = 1,804.58  
Radius = 3,819.72  
External = 109.10  
Long Chord = 1,787.85  
Mid. Ord. = 106.07  
P.C. Station 186+32.07 N 802,306.78 E 1,969,992.37  
P.T. Station 204+36.66 N 802,712.20 E 1,971,733.64  
C.C. N 806,126.39 E 1,970,020.89  
Back = S 89° 34' 19.66" E  
Ahead = N 63° 21' 32.94" E  
Chord Bear = N 76° 53' 36.64" E  
Course from PT SURV\_I-20-4 to XI209001 N 63° 21' 32.94" E Dist 1,520.24  
Point XI209001 N 803,393.87 E 1,973,092.49 Sta 219+56.90  
Ending chain SURVEY\_I-20\_R1 description

SURVEY\_I-20\_R2

Beginning chain SURVEY\_I-20\_R2 description  
Point XI209002 N 803,393.87 E 1,973,092.50 Sta 226+30.00  
Course from XI209002 to XI209003 N 63° 21' 32.94" E Dist 4,870.00  
Point XI209003 N 805,577.56 E 1,977,445.47 Sta 275+00.00  
Ending chain SURVEY\_I-20\_R2 description

SURVEY\_I-126

Beginning chain SURVEY\_I-126 description  
Point XI267000 N 793,140.61 E 1,975,950.82 Sta 143+90.10  
Course from XI267000 to PC SURV\_I-126-1 N 63° 54' 40.31" W Dist 3,723.22  
Curve Data  
Curve SURV\_I-126-1  
P.I. Station 190+08.65 N 795,171.68 E 1,971,802.84  
Delta = 26° 40' 38.12" (RT)  
Degree = 1° 31' 02.38"  
Tangent = 895.32  
Length = 1,758.17  
Radius = 3,776.10  
External = 104.69  
Long Chord = 1,742.34  
Mid. Ord. = 101.87  
P.C. Station 181+13.32 N 794,777.95 E 1,972,606.94  
P.T. Station 198+71.50 N 795,884.51 E 1,971,261.11  
C.C. N 798,169.32 E 1,974,267.53  
Back = N 63° 54' 40.31" W  
Ahead = N 37° 14' 02.19" W  
Chord Bear = N 50° 34' 21.25" W  
Course from PT SURV\_I-126-1 to PC SURV\_I-126-2 N 37° 14' 02.19" W Dist 3,416.14  
Curve Data  
Curve SURV\_I-126-2  
P.I. Station 237+30.95 N 798,957.29 E 1,968,925.87  
Delta = 4° 31' 26.04" (LT)  
Degree = 0° 30' 37.81"  
Tangent = 443.31  
Length = 886.17  
Radius = 11,223.40  
External = 8.75  
Long Chord = 885.94  
Mid. Ord. = 8.74  
P.C. Station 232+87.63 N 798,604.34 E 1,969,194.10  
P.T. Station 241+73.80 N 799,287.99 E 1,968,630.63  
C.C. N 791,813.39 E 1,960,258.35  
Back = N 37° 14' 02.19" W  
Ahead = N 41° 45' 28.22" W  
Chord Bear = N 39° 29' 45.20" W  
Ending chain SURVEY\_I-126 description

SURVEY\_I-126FLY

Beginning chain SURVEY\_I-126FLY description  
Point XFLY1126000 N 796,279.10 E 1,971,013.07 Sta 5+12.59  
Course from XFLY1126000 to PC SURV\_I126FLY-1 N 33° 14' 05.72" W Dist 659.44  
Curve Data  
Curve SURV\_I126FLY-1  
P.I. Station 12+97.05 N 796,935.25 E 1,970,583.13  
Delta = 2° 30' 00.04" (RT)  
Degree = 1° 00' 00.00"  
Tangent = 125.02  
Length = 250.00  
Radius = 5,729.58  
External = 1.36  
Long Chord = 249.98  
Mid. Ord. = 1.36  
P.C. Station 11+72.03 N 796,830.68 E 1,970,651.65  
P.T. Station 14+22.03 N 797,042.71 E 1,970,519.23  
C.C. N 799,970.91 E 1,975,444.04  
Back = N 33° 14' 05.72" W  
Ahead = N 30° 44' 05.69" W  
Chord Bear = N 31° 59' 05.71" W  
Course from PT SURV\_I126FLY-1 to PC SURV\_I126FLY-2 N 30° 44' 05.69" W Dist 281.98  
Curve Data  
Curve SURV\_I126FLY-2  
P.I. Station 21+35.13 N 797,655.65 E 1,970,154.79  
Delta = 58° 52' 29.92" (LT)  
Degree = 7° 29' 59.99"  
Tangent = 431.12  
Length = 785.00  
Radius = 763.94  
External = 113.25  
Long Chord = 750.92  
Mid. Ord. = 93.53  
P.C. Station 17+04.01 N 797,285.08 E 1,970,375.12  
P.T. Station 24+89.01 N 797,658.58 E 1,969,723.68  
C.C. N 796,894.66 E 1,969,718.48  
Back = N 30° 44' 05.69" W  
Ahead = N 89° 36' 35.61" W  
Chord Bear = N 60° 10' 20.65" W  
Curve Data  
Curve SURV\_I126FLY-3  
P.I. Station 28+49.39 N 797,661.04 E 1,969,363.31  
Delta = 14° 20' 24.00" (LT)  
Degree = 2° 00' 00.00"  
Tangent = 360.38  
Length = 717.00  
Radius = 2,864.79  
External = 22.58  
Long Chord = 715.13  
Mid. Ord. = 22.40  
P.C. Station 24+89.01 N 797,658.58 E 1,969,723.68  
P.T. Station 32+06.01 N 797,574.16 E 1,969,013.56  
C.C. N 794,793.86 E 1,969,704.18  
Back = N 89° 36' 35.61" W  
Ahead = S 76° 03' 00.39" W  
Chord Bear = S 83° 13' 12.39" W  
Curve Data  
Curve SURV\_I126FLY-4  
P.I. Station 36+42.46 N 797,468.94 E 1,968,589.97  
Delta = 59° 28' 48.01" (LT)  
Degree = 7° 29' 59.99"  
Tangent = 436.45  
Length = 793.07  
Radius = 763.94  
External = 115.89  
Long Chord = 757.93  
Mid. Ord. = 100.62  
P.C. Station 32+06.01 N 797,574.16 E 1,969,013.56  
P.T. Station 39+99.08 N 797,050.61 E 1,968,465.50  
C.C. N 796,832.74 E 1,969,197.72  
Back = S 76° 03' 00.39" W  
Ahead = S 16° 34' 12.38" W  
Chord Bear = S 46° 18' 36.38" W  
Course from PT SURV\_I126FLY-4 to XFLY1126001 S 16° 34' 12.38" W Dist 1,137.55  
Point XFLY1126001 N 795,960.30 E 1,968,141.09 Sta 51+36.63  
Ending chain SURVEY\_I-126FLY description

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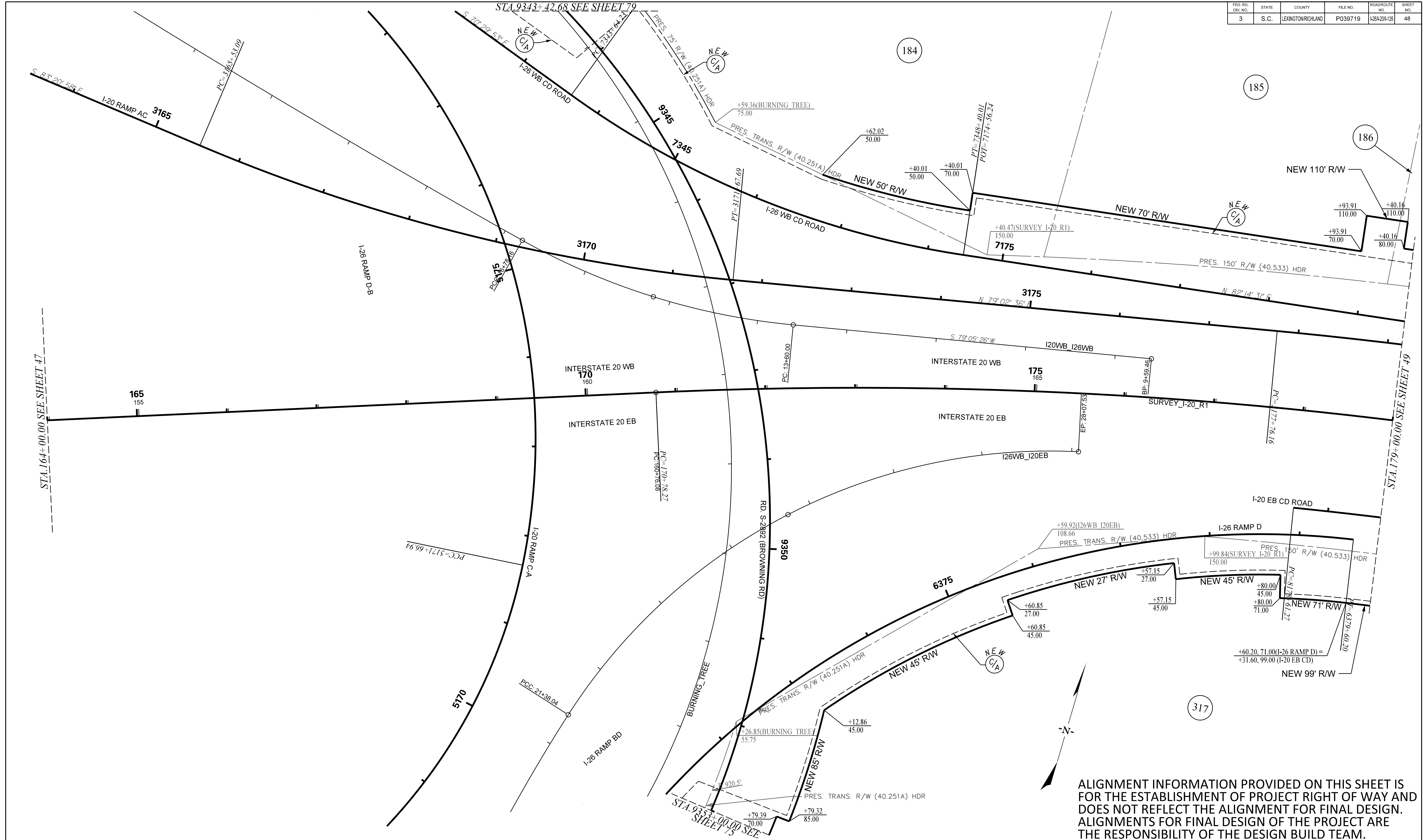
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EXISTING ALIGNMENTS







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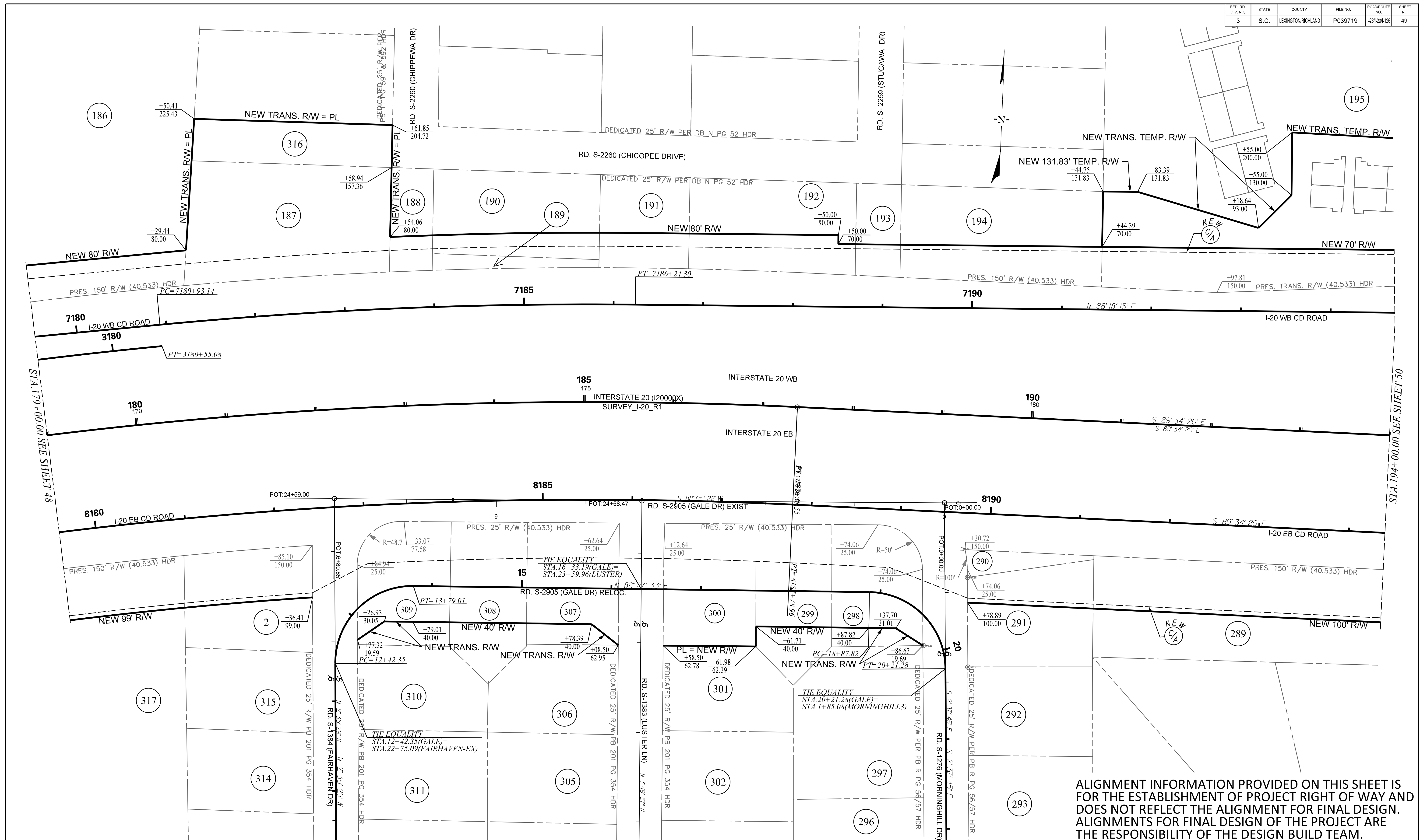
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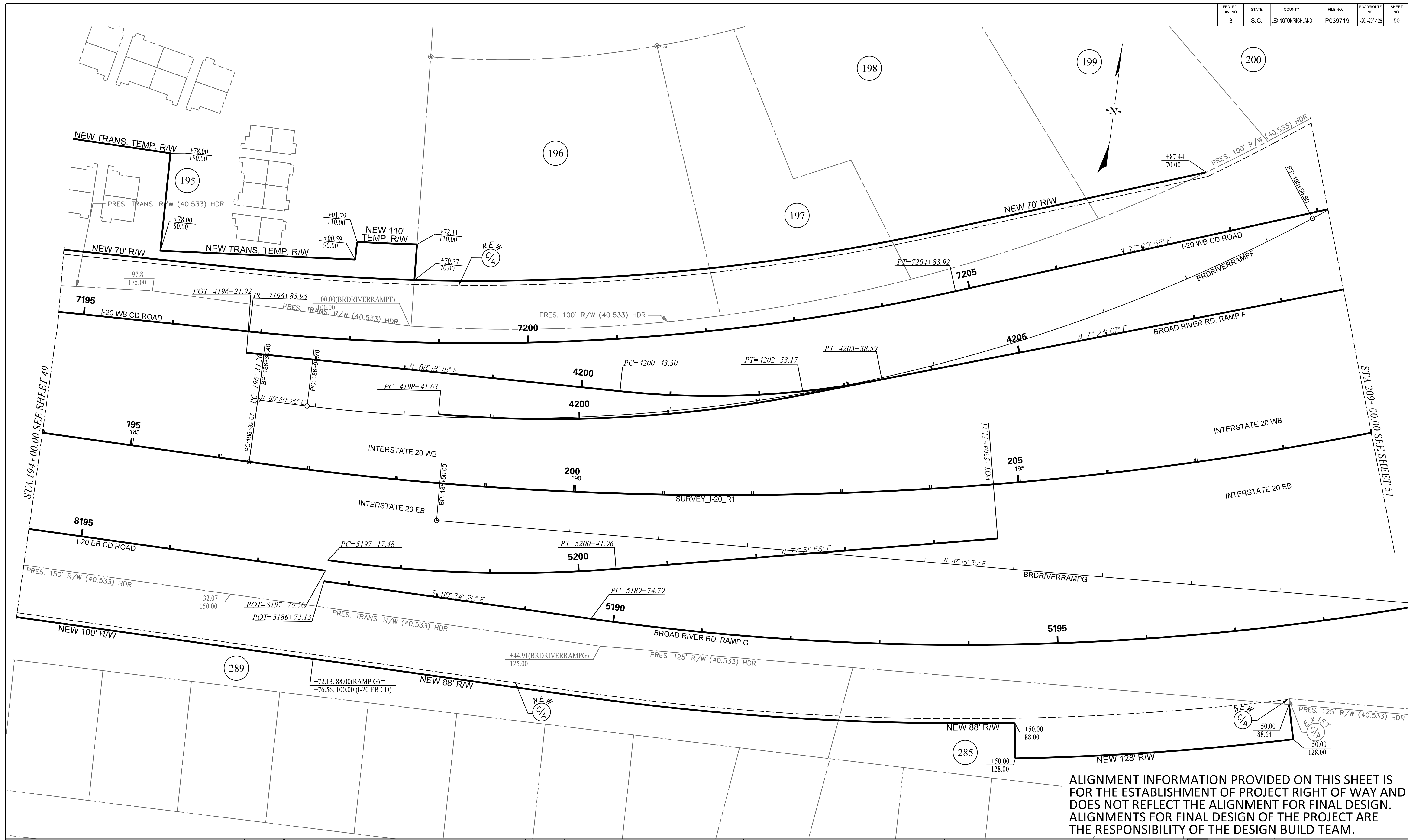
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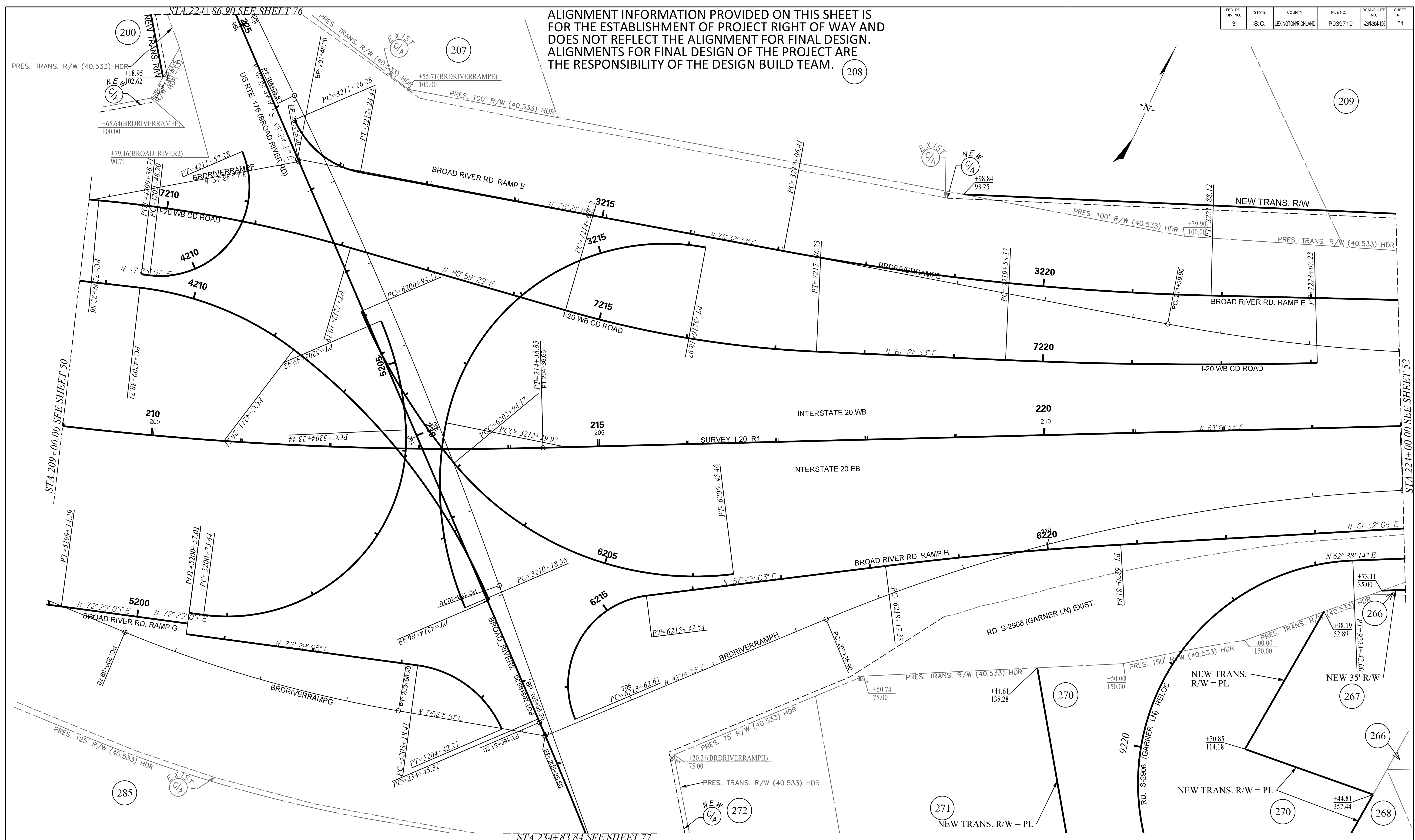
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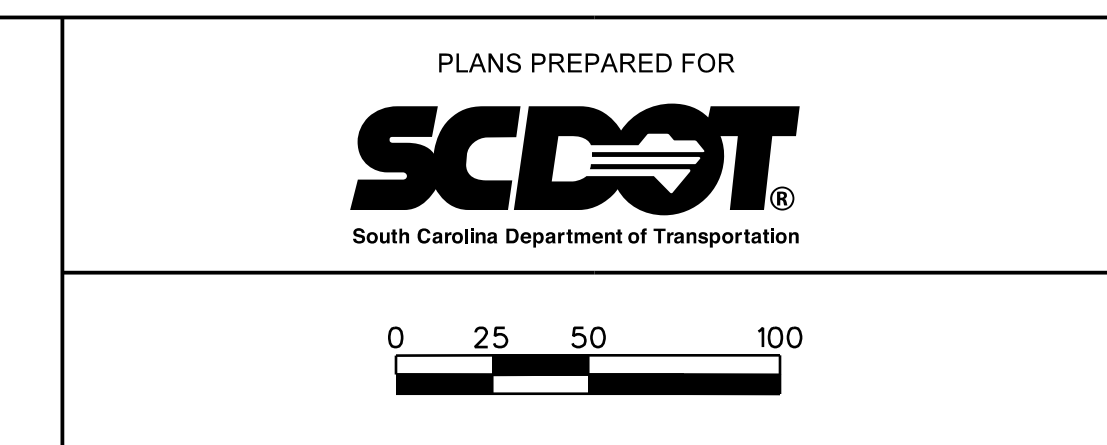
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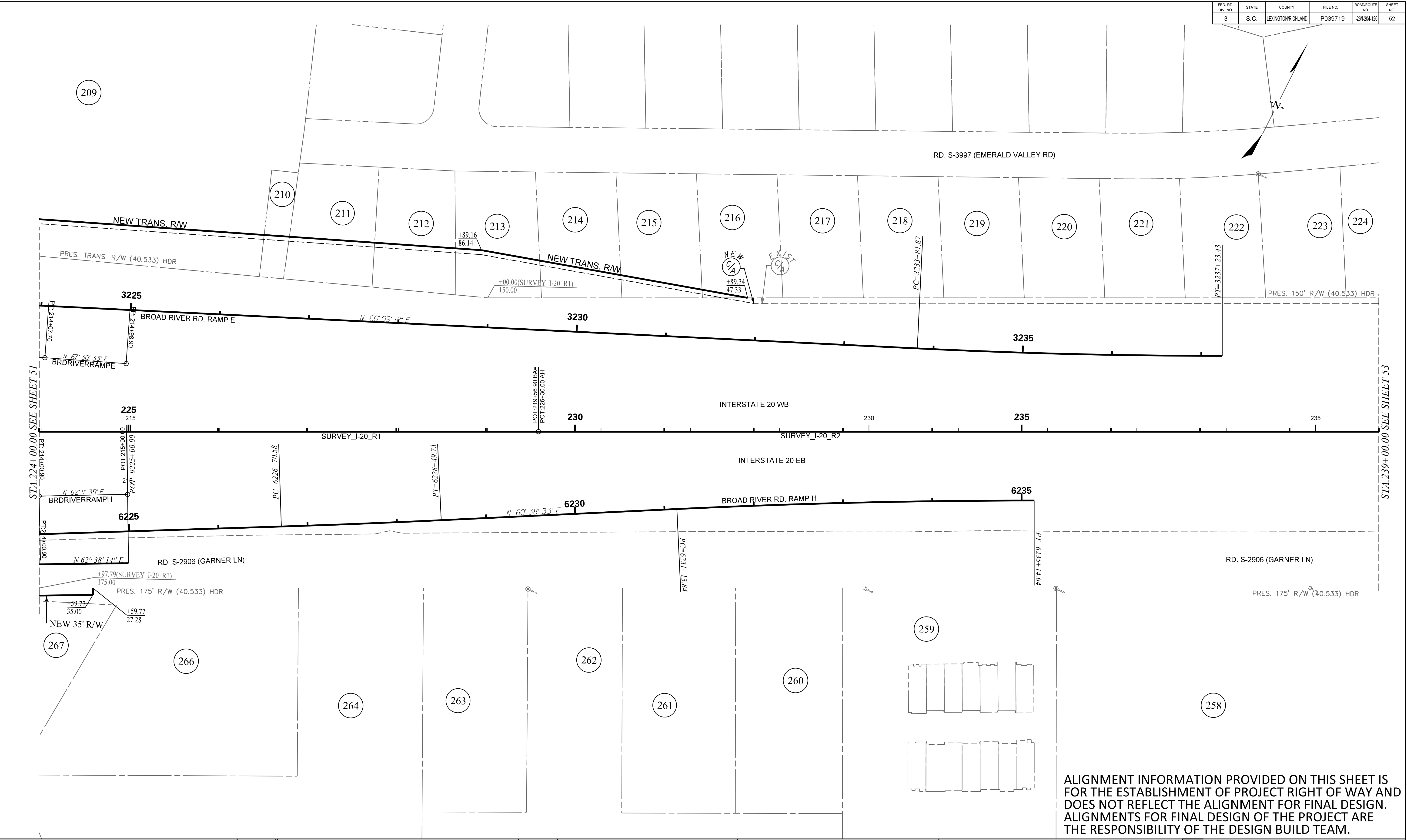
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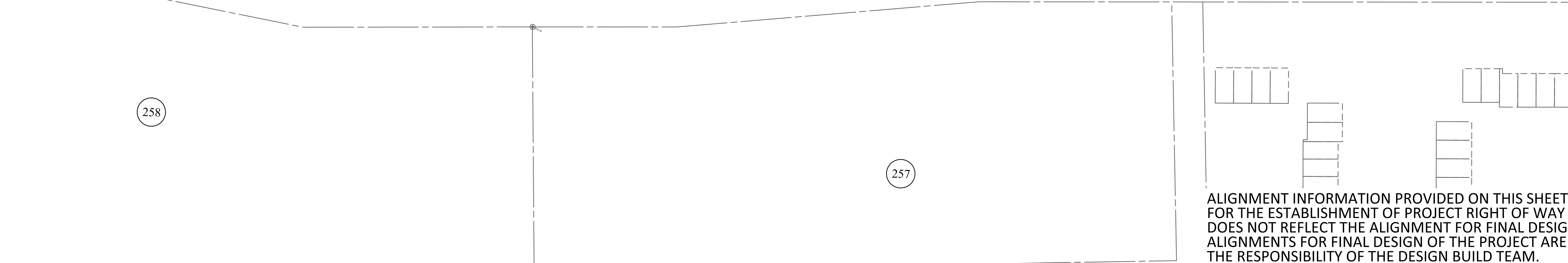
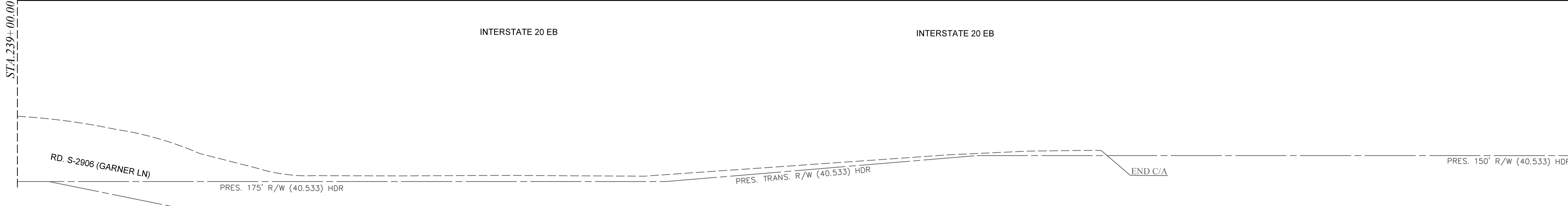
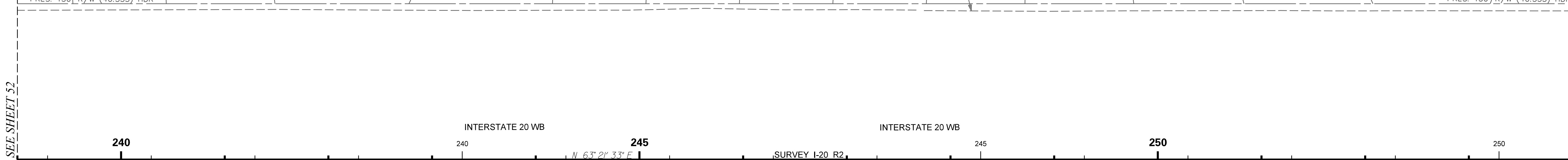
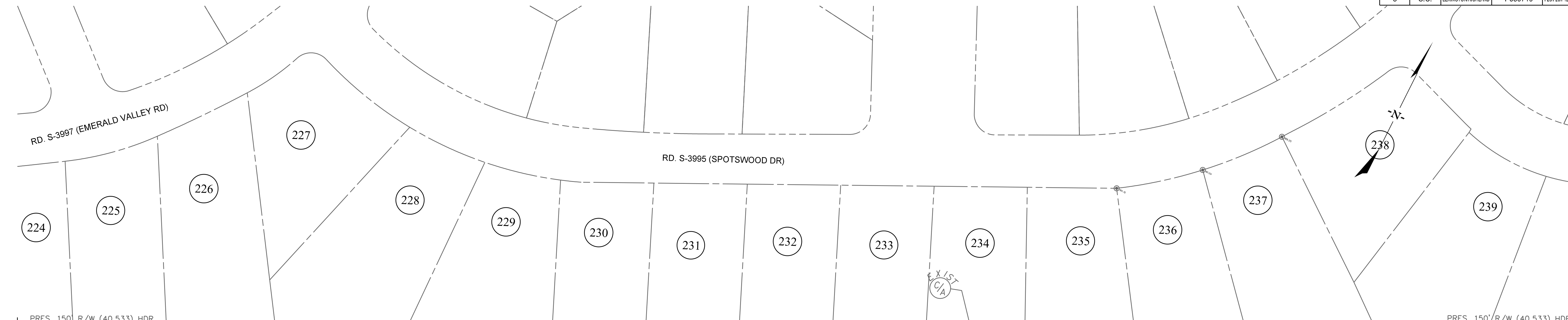
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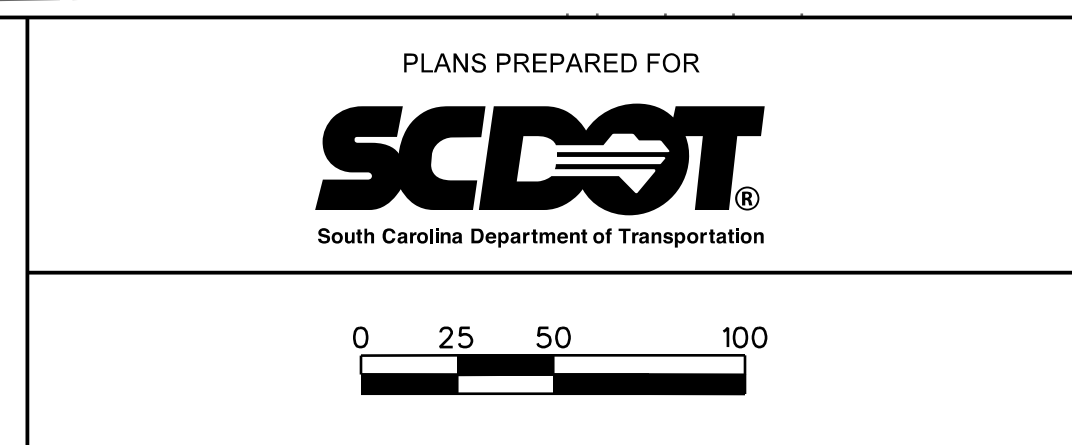
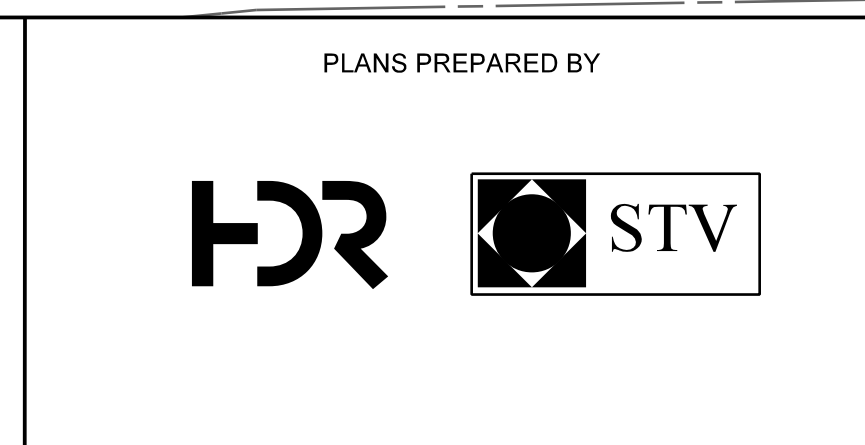


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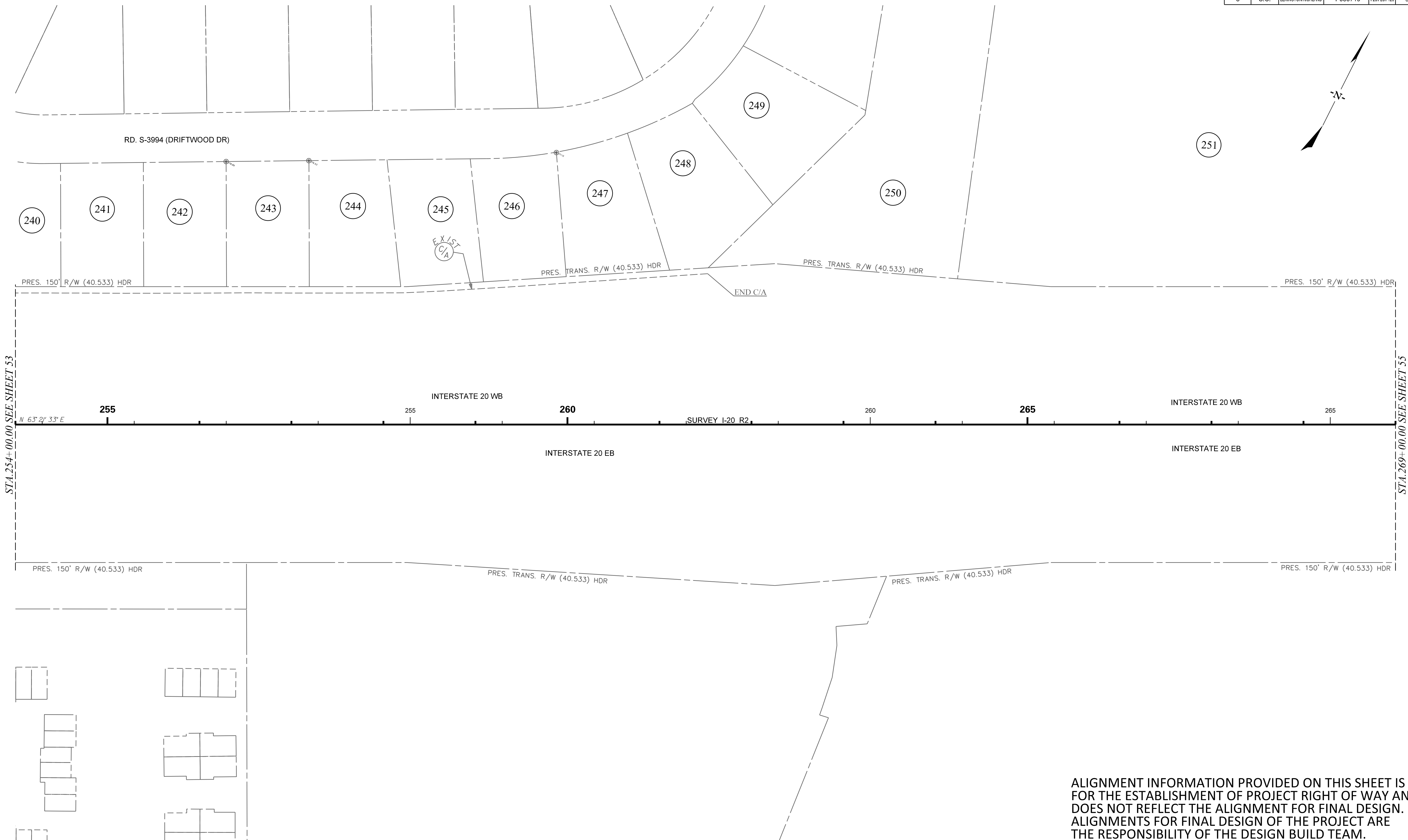
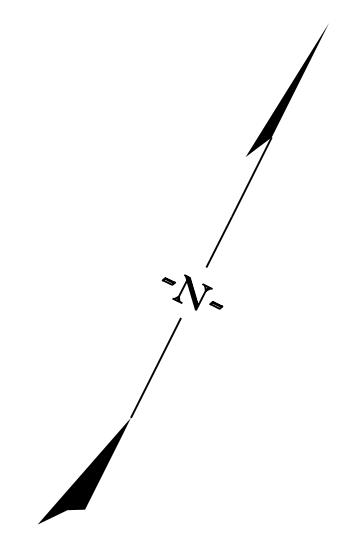
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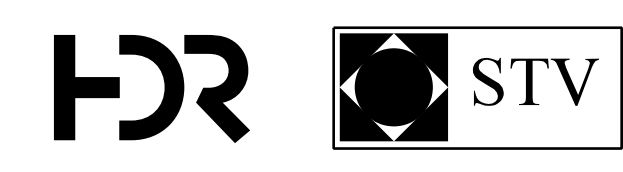
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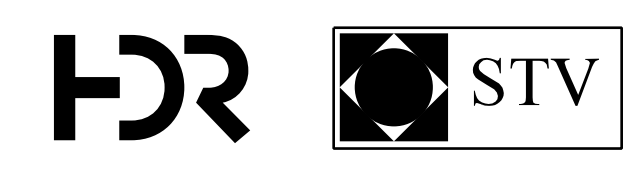
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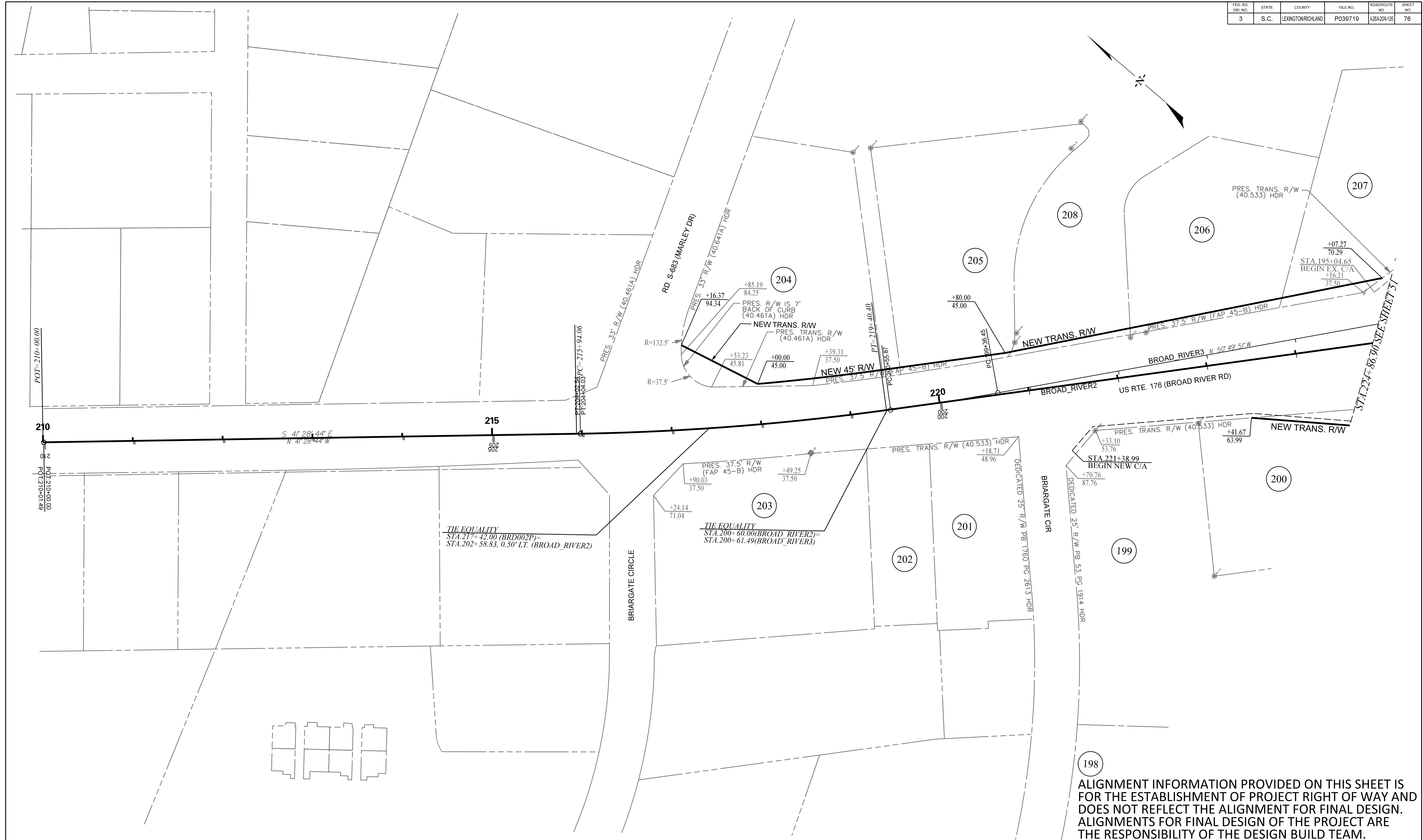
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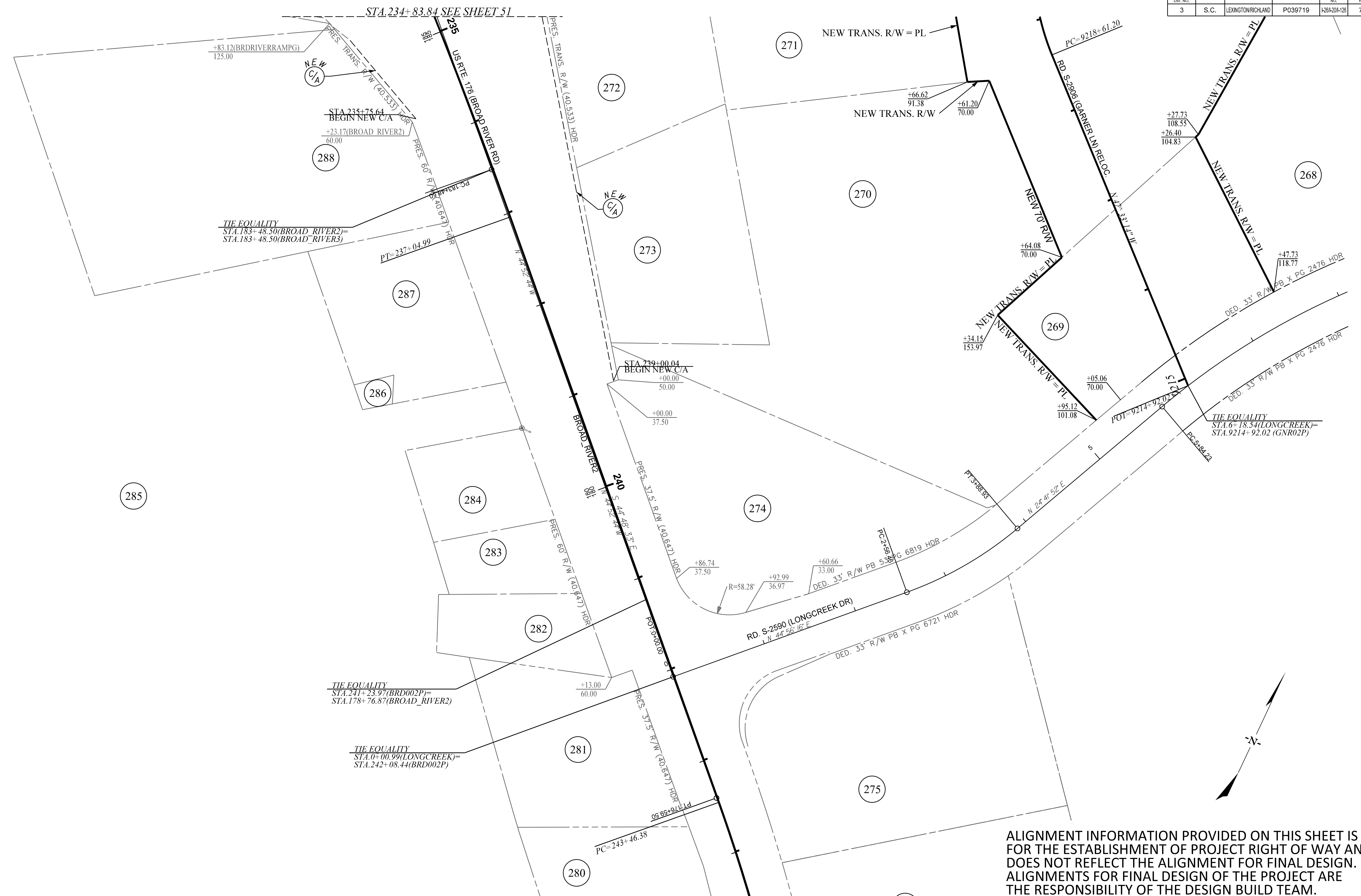


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