

SHEET NO.	DESCRIPTION	SHEET SUBTOTALS
1	TITLE SHEET	1
5L,5M,5P,5Q,5R,5S,5T,5U,5V,5W,5X,5Y,5Z,5AA	REFERENCE DATA SHEETS	14
5MM,5NN,5OO,5RR,5UU,5VV,5WW,5XX,5YY,5ZZ, 5AAA,5BBB	REFERENCE DATA SHEETS EXISTING ALIGNMENTS	12
39,40,41,42,43,44,45,70,71	PLAN SHEETS	9
TOTAL		36

SHEET NO.	TOTAL SHEETS
1	75



SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
COLUMBIA

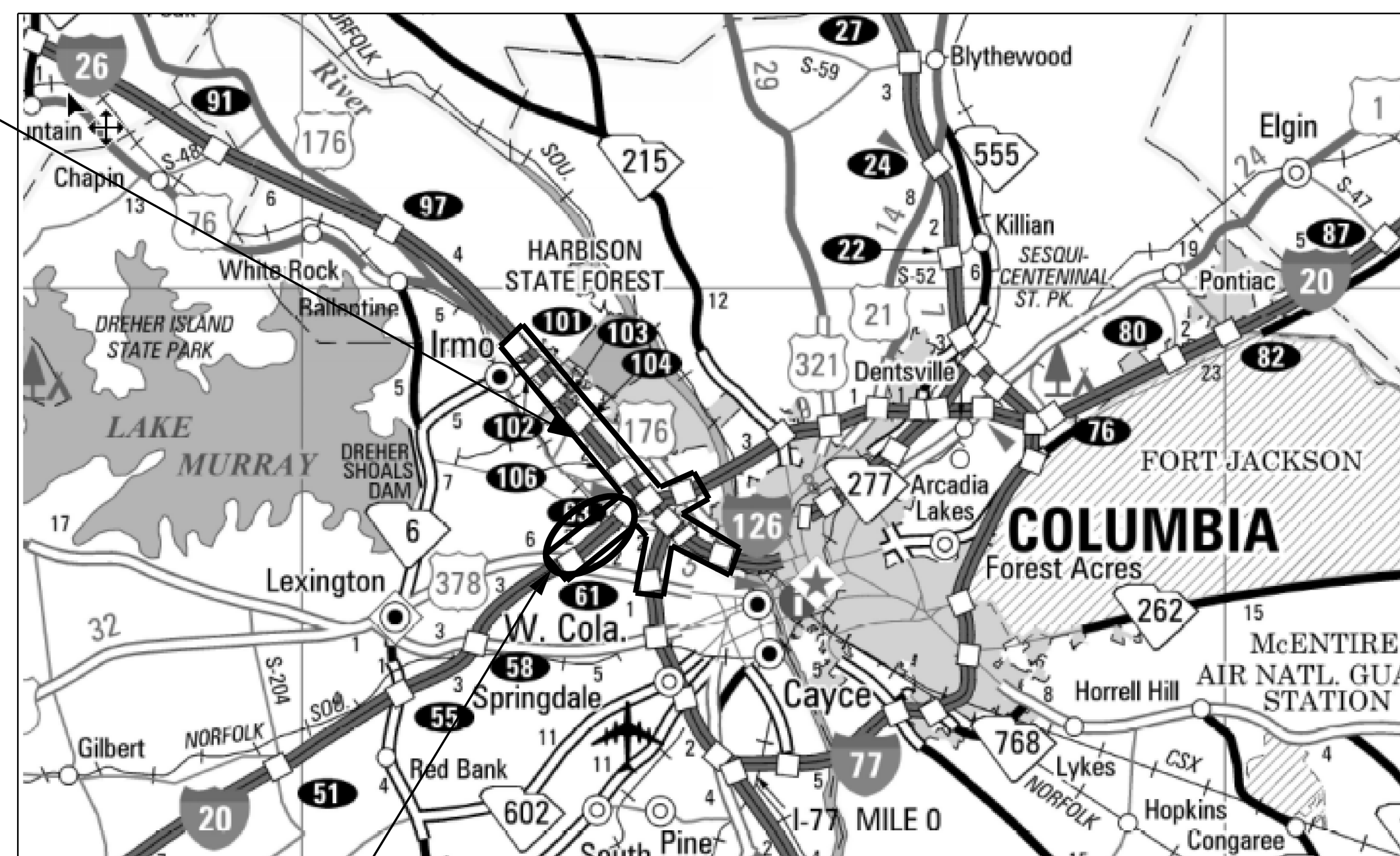


SCHEMATIC RIGHT OF WAY PLANS
FOR
RICHLAND/LEXINGTON COUNTIES
PROJECT ID P043325
I-20/26/126

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:
2017
SCDOT Roadway Design Manual

PROJECT ID P027662



PROJECT ID P043325

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.

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

Approved for Right Of Way Acquisition:

Consultant Engineer of Record	Date
SEE P027662	Date
SCDOT Mega Projects Office	Date

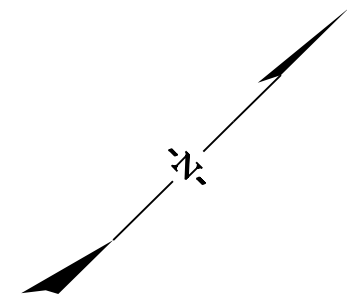
CONSULTING ENGINEERING FIRM

HDR ENGINEERING INC.
OF THE CAROLINAS
1201 MAIN STREET
SUITE 800
COLUMBIA, SC, 29201
803-254-5800

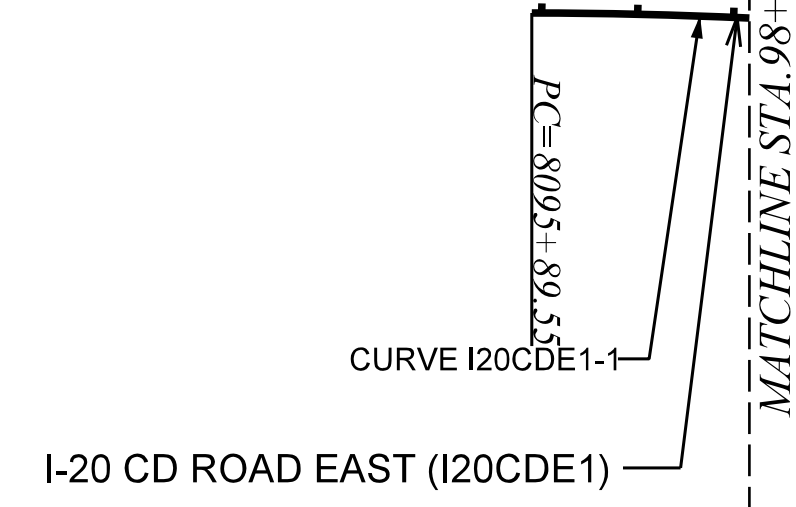
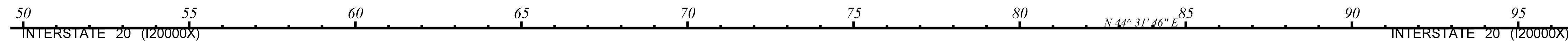
ENGINEER OF RECORD

FOR CONSTRUCTION : _____ DATE _____

FED. RD. DIV. NO.	STATE	COUNTY	FILE NO.	ROADROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON/RICHLAND	P039720	I-26+204-125	5L



STA. 0.00 SEE SHEET XX



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



PLANS PREPARED BY

PLANS PREPARED FOR

0 100 200 400

CAROLINA CROSSROADS
REFERENCE DATA SHEET
EXISTING ALIGNMENTS



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



CAROLINA CROSSROADS
REFERENCE DATA SHEET
EXISTING ALIGNMENTS



FED. RD. DIST. NO.	STATE	COUNTY	FILE NO.	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON/RICHLAND	PO39720	I-26/I-20-I-25	5P

I-26 (I26RA1P)

Beginning chain I26RA1P description

Point PI26001 N 827,563.3952 E 1,944,332.8776 Sta 0+00.00

Course from PI26001 to PC I26RA1P-1 S 40° 33' 48.59" E Dist 3,055.6752

Curve Data

 Curve I26RA1P-1
 P.I. Station 32+46.44 N 825,097.1196 E 1,946,444.0075
 Delta = 1° 54' 26.97" (LT)
 Degree = 0° 30' 00.00"
 Tangent = 190.7668
 Length = 381.4983
 Radius = 11,459.1560
 External = 1.5878
 Long Chord = 381.4807
 Mid. Ord. = 1.5876
 P.C. Station 30+55.68 N 825,242.0423 E 1,946,319.9537
 P.T. Station 34+37.17 N 824,956.4063 E 1,946,572.8164
 C.C. N 832,693.8211 E 1,955,025.3112
 Back = S 40° 33' 48.59" E
 Ahead = S 42° 28' 15.56" E
 Chord Bear = S 41° 31' 02.08" E

Course from PT I26RA1P-1 to PC I26RA1P-2 S 42° 28' 15.56" E Dist 5,262.6226

Curve Data

 Curve I26RA1P-2
 P.I. Station 89+91.78 N 820,859.2189 E 1,950,323.3823
 Delta = 2° 55' 09.26" (RT)
 Degree = 0° 30' 00.00"
 Tangent = 291.9872
 Length = 583.8480
 Radius = 11,459.1560
 External = 3.7194
 Long Chord = 583.7849
 Mid. Ord. = 3.7182
 P.C. Station 86+99.80 N 821,074.5943 E 1,950,126.2277
 P.T. Station 92+83.64 N 820,634.0822 E 1,950,509.3124
 C.C. N 813,337.1794 E 1,941,673.7329
 Back = S 42° 28' 15.56" E
 Ahead = S 39° 33' 06.30" E
 Chord Bear = S 41° 00' 40.93" E

Course from PT I26RA1P-2 to PC I26RA1P-3 S 39° 33' 06.30" E Dist 11,436.8212

Curve Data

 Curve I26RA1P-3
 P.I. Station 209+78.53 N 811,616.7442 E 1,957,956.3213
 Delta = 2° 34' 48.71" (LT)
 Degree = 0° 30' 00.00"
 Tangent = 258.0635
 Length = 516.0397
 Radius = 11,459.1560
 External = 2.9055
 Long Chord = 515.9961
 Mid. Ord. = 2.9047
 P.C. Station 207+20.47 N 811,815.7240 E 1,957,791.9930
 P.T. Station 212+36.50 N 811,425.3638 E 1,958,129.4407
 C.C. N 819,112.6268 E 1,966,627.5725
 Back = S 39° 33' 06.30" E
 Ahead = S 42° 07' 55.01" E
 Chord Bear = S 40° 50' 30.66" E

Course from PT I26RA1P-3 to PC I26RA1P-4 S 42° 07' 55.01" E Dist 7,755.5125

Curve Data

 Curve I26RA1P-4
 P.I. Station 293+82.92 N 805,383.9653 E 1,963,594.3852
 Delta = 3° 54' 27.12" (RT)
 Degree = 0° 30' 00.00"
 Tangent = 390.9048
 Length = 781.5065
 Radius = 11,459.1560
 External = 6.6655
 Long Chord = 781.3551
 Mid. Ord. = 6.6616
 P.C. Station 289+92.02 N 805,673.8611 E 1,963,332.1505
 P.T. Station 297+73.52 N 805,076.8732 E 1,963,836.2549
 C.C. N 797,986.5981 E 1,954,834.0187
 Back = S 42° 07' 55.01" E
 Ahead = S 38° 13' 27.90" E
 Chord Bear = S 40° 10' 41.45" E

Course from PT I26RA1P-4 to PC I26RA1P-5 S 38° 13' 27.90" E Dist 4,175.6460

Curve Data

 Curve I26RA1P-5
 P.I. Station 343+02.90 N 801,518.6293 E 1,966,638.7727
 Delta = 3° 32' 10.07" (LT)
 Degree = 0° 30' 00.00"
 Tangent = 353.7254
 Length = 707.2262
 Radius = 11,459.1560
 External = 5.4582
 Long Chord = 707.1140
 Mid. Ord. = 5.4556
 P.C. Station 339+49.17 N 801,796.5136 E 1,966,419.9075
 P.T. Station 346+56.40 N 801,254.7733 E 1,966,874.3605
 C.C. N 808,886.7887 E 1,975,422.1437
 Back = S 38° 13' 27.90" E
 Ahead = S 41° 45' 37.97" E
 Chord Bear = S 39° 59' 32.93" E

Course from PT I26RA1P-5 to PC I26RA1P-6 S 41° 45' 37.97" E Dist 2,219.7895

Curve Data

 Curve I26RA1P-6
 P.I. Station 382+88.02 N 798,545.8155 E 1,969,293.0938
 Delta = 64° 30' 52.33" (RT)
 Degree = 2° 33' 40.60"
 Tangent = 1,411.8387
 Length = 2,518.8420
 Radius = 2,237.0000
 External = 408.2708
 Long Chord = 2,387.8713
 Mid. Ord. = 345.2583
 P.C. Station 368+76.19 N 799,598.9550 E 1,968,352.7824
 P.T. Station 393+95.03 N 797,243.8545 E 1,968,747.0296
 C.C. N 798,109.0706 E 1,966,684.1263
 Back = S 41° 45' 37.97" E
 Ahead = S 22° 45' 14.36" W
 Chord Bear = S 9° 30' 11.80" E

Course from PT I26RA1P-6 to PC I26RA1P-7 S 22° 45' 14.36" W Dist 821.8368

Curve Data

 Curve I26RA1P-7
 P.I. Station 403+04.17 N 796,405.4708 E 1,968,395.3975
 Delta = 0° 52' 22.79" (LT)
 Degree = 0° 30' 00.00"
 Tangent = 87.3015
 Length = 174.5996
 Radius = 11,459.1560
 External = 0.3325
 Long Chord = 174.5979
 Mid. Ord. = 0.3325
 P.C. Station 402+16.86 N 796,485.9780 E 1,968,429.1636
 P.T. Station 403+91.46 N 796,324.4585 E 1,968,362.8620
 C.C. N 792,053.8609 E 1,978,996.4998
 Back = S 22° 45' 14.36" W
 Ahead = S 21° 52' 51.57" W
 Chord Bear = S 22° 19' 02.97" W

Course from PT I26RA1P-7 to PC I26RA1P-8 S 21° 52' 51.57" W Dist 2,571.3945

Curve Data

 Curve I26RA1P-8
 P.I. Station 430+61.37 N 793,846.8935 E 1,967,367.8419
 Delta = 0° 58' 53.70" (RT)
 Degree = 0° 29' 53.61"
 Tangent = 98.5106
 Length = 197.0163
 Radius = 11,500.0000
 External = 0.4219
 Long Chord = 197.0139
 Mid. Ord. = 0.4219
 P.C. Station 429+62.86 N 793,938.3074 E 1,967,404.5548
 P.T. Station 431+59.87 N 793,756.1220 E 1,967,329.5684
 C.C. N 798,224.1268 E 1,956,733.0155
 Back = S 21° 52' 51.57" W
 Ahead = S 22° 51' 45.27" W
 Chord Bear = S 22° 22' 18.42" W

Course from PT I26RA1P-8 to PC I26RA1P-9 S 22° 51' 45.27" W Dist 1,729.1399

Curve Data

 Curve I26RA1P-9
 P.I. Station 459+08.26 N 791,223.6531 E 1,966,261.7605
 Delta = 34° 34' 27.55" (LT)
 Degree = 1° 44' 58.16"
 Tangent = 1,019.2438
 Length = 1,976.2519
 Radius = 3,275.0000
 External = 154.9392
 Long Chord = 1,946.4038
 Mid. Ord. = 147.9402
 P.C. Station 448+89.01 N 792,162.8245 E 1,966,657.7592
 P.T. Station 468+65.27 N 790,225.6287 E 1,966,468.6547
 C.C. N 790,890.4144 E 1,969,675.4732
 Back = S 22° 51' 45.27" W
 Ahead = S 11° 42' 42.28" E
 Chord Bear = S 5° 34' 31.49" W

Course from PT I26RA1P-9 to PI26002 S 11° 42' 42.28" E Dist 1,295.3977

Point PI26002 N 788,957.1996 E 1,966,731.6049 Sta 481+60.66

Ending chain I26RA1P description

I-20 (I20000X)

Beginning chain I20000X description

Point I20000 N 792,437.0331 E 1,954,910.0074 Sta 10+16.30

Course from I20000 to PC I20000X-1 N 63° 59' 47.47" E Dist 1,267.8000

Curve Data

 Curve I20000X-1
 P.I. Station 32+66.93 N 793,423.7641 E 1,956,932.7939
 Delta = 19° 28' 01.20" (LT)
 Degree = 1° 00' 00.00"
 Tangent = 982.9229
 Length = 1,946.7000
 Radius = 5,729.5780
 External = 83.6831
 Long Chord = 1,937.3500
 Mid. Ord. = 82.4785
 P.C. Station 22+84.10 N 792,992.8692 E 1,956,049.4647
 P.T. Station 42+30.80 N 794,124.4080 E 1,957,622.0247
 C.C. N 798,142.4272 E 1,953,537.4702
 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 I20000X-1 to PC I20000X-2 N 44° 31' 46.27" E Dist 8,269.4621

Curve Data

 Curve I20000X-2
 P.I. Station 138+55.49 N 800,985.7400 E 1,964,371.5892
 Delta = 26° 31' 42.64" (RT)
 Degree = 0° 59' 47.84"
 Tangent = 1,355.2196
 Length = 2,661.8438
 Radius = 5,749.0000
 External = 157.5744
 Long Chord = 2,638.1307
 Mid. Ord. = 153.3707
 P.C. Station 125+00.27 N 800,019.6185 E 1,963,421.2053
 P.T. Station 151+62.11 N 801,425.6583 E 1,965,653.4208
 C.C. N 795,987.9790 E 1,967,519.6055
 Back = N 44° 31' 46.27" E
 Ahead = N 71° 03' 28.91" E
 Chord Bear = N 57° 47' 37.59" E

Course from PT I20000X-2 to PC I20000X-3 N 71° 03' 28.91" E Dist 1,916.1591

Curve Data

 Curve I20000X-3
 P.I. Station 179+16.40 N 802,319.7302 E 1,968,258.5628
 Delta = 19° 22' 11.42" (RT)
 Degree = 1° 10' 00.00"
 Tangent = 838.1338
 Length = 1,660.2721
 Radius = 4,911.0672
 External = 71.0056
 Long Chord = 1,652.3771
 Mid. Ord. = 69.9936
 P.C. Station 170+78.27 N 802,047.6633 E 1,967,465.8157
 P.T. Station 187+38.54 N 802,313.4713 E 1,969,096.6732
 C.C. N 797,402.5410 E 1,969,059.9989
 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 I20000X-3 to PC I20000X-4 S 89° 34' 19.66" E Dist 895.7197

Curve Data

 Curve I20000X-4
 P.I. Station 205+53.72 N 802,299.9161 E 1,970,911.7987
 Delta = 27° 04' 07.39" (LT)
 Degree = 1° 30' 00.00"
 Tangent = 919.4564
 Length = 1,804.5814
 Radius = 3,819.7187
 External = 109.1044
 Long Chord = 1,787.8457
 Mid. Ord. = 106.0745
 P.C. Station 196+34.26 N 802,306.7823 E 1,969,992.3679
 P.T. Station 214+38.84 N 802,712.1971 E 1,971,733.6408
 C.C. N 806,126.3945 E 1,970,020.8924
 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 I20000X-4 to I20001 N 63° 21' 32.94" E Dist 6,090.3943

Point I20001 N 805,443.1083 E 1,977,177.4470 Sta 275+29.24

Ending chain I20000X description

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TRACT(S)	ISSUED FOR	DATE	TRACT(S)	ISSUED FOR	DATE	PLANS PREPARED BY 	PLANS PREPARED FOR 	CAROLINA CROSSROADS
								REFERENCE DATA SHEET



FED. RD. DIV. NO.	STATE	COUNTY	FILE NO.	ROADROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON/RICHLAND	PO39720	1251-201-25	5Q

WESTERN LN. (WST001P)

Beginning chain WST001P description

Point WST001 N 826,543.2706 E 1,945,338.0375 Sta 10+00.00

Course from WST001 to WST002 S 41° 17' 21.76" E Dist 297.7092

Point WST002 N 826,319.5759 E 1,945,534.4846 Sta 12+97.71

Course from WST002 to PC WSTCUR01 S 40° 33' 48.59" E Dist 682.2664

Curve Data

Curve WSTCUR01
P.I. Station 22+52.88 N 825,593.9462 E 1,946,155.6230
Delta = 57° 15' 07.97" (LT)
Degree = 11° 27' 32.96"
Tangent = 272.9045
Length = 499.6198
Radius = 500.0000
External = 69.6287
Long Chord = 479.0919
Mid. Ord. = 61.1176
P.C. Station 19+79.98 N 825,801.2678 E 1,945,978.1559
P.T. Station 24+79.60 N 825,631.0577 E 1,946,425.9924
C.C. N 826,126.4130 E 1,946,357.9988
Back = S 40° 33' 48.59" E
Ahead = N 82° 11' 03.44" E
Chord Bear = S 69° 11' 22.58" E

Ending chain WST001P description

BROAD RIVER RAMP A (BRDRA0P)

Beginning chain BRDRA0P description

Curve Data

Curve BRDRA0P-C1
P.I. Station 3034+27.19 N 825,007.2790 E 1,946,617.0033
Delta = 53° 00' 27.92" (LT)
Degree = 5° 43' 46.48"
Tangent = 498.6661
Length = 925.1599
Radius = 1,000.0000
External = 117.4381
Long Chord = 892.5168
Mid. Ord. = 105.0958
P.C. Station 3029+28.52 N 825,386.1086 E 1,946,292.7255
P.T. Station 3038+53.68 N 825,038.3408 E 1,947,114.7011
C.C. N 826,036.3989 E 1,947,052.4113
Back = S 40° 33' 48.59" E
Ahead = N 86° 25' 43.48" E
Chord Bear = S 67° 04' 02.56" E

Course from PT BRDRA0P-C1 to PC BRDRA0P-C2 N 86° 25' 43.48" E Dist 147.3420

Curve Data

Curve BRDRA0P-C2
P.I. Station 3044+25.12 N 825,073.9359 E 1,947,685.0346
Delta = 99° 30' 15.96" (RT)
Degree = 15° 57' 35.38"
Tangent = 424.1012
Length = 623.4681
Radius = 359.0000
External = 196.6463
Long Chord = 548.0189
Mid. Ord. = 127.0521
P.C. Station 3040+01.02 N 825,047.5187 E 1,947,261.7569
P.T. Station 3046+24.49 N 824,652.1066 E 1,947,641.1958
C.C. N 824,689.2159 E 1,947,284.1190
Back = N 86° 25' 43.48" E
Ahead = S 5° 55' 59.44" W
Chord Bear = S 43° 49' 08.54" E

Course from PT BRDRA0P-C2 to BRDRA0004 S 5° 55' 59.44" W Dist 311.5812

Point BRDRA0004 N 824,342.1944 E 1,947,608.9881 Sta 3049+36.07

Ending chain BRDRA0P description

BROAD RIVER RAMP B (BRDRB0P)

Beginning chain BRDRB0P description

Point BRDRPB0001 N 825,913.0691 E 1,945,665.2590 Sta 4021+20.16

Course from BRDRPB0001 to PC BRDRB0P-C1 S 36° 32' 00.93" E Dist 1,328.4628

Curve Data

Curve BRDRB0P-C1
P.I. Station 4036+65.06 N 824,671.7333 E 1,946,584.9260
Delta = 87° 31' 20.63" (RT)
Degree = 25° 21' 07.61"
Tangent = 216.4326
Length = 345.2272
Radius = 226.0000
External = 86.9202
Long Chord = 312.6277
Mid. Ord. = 62.7763
P.C. Station 4034+48.62 N 824,845.6386 E 1,946,456.0849
P.T. Station 4037+93.85 N 824,535.4950 E 1,946,416.7529
C.C. N 824,711.1022 E 1,946,274.4921
Back = S 36° 32' 00.93" E
Ahead = S 50° 59' 19.69" W
Chord Bear = S 7° 13' 39.38" W

Course from PT BRDRB0P-C1 to BRDRB0003 S 50° 59' 19.69" W Dist 41.3208

Point BRDRB0003 N 824,509.4847 E 1,946,384.6456 Sta 4038+35.17

Ending chain BRDRB0P description

BROAD RIVER RAMP C (BRDRC0P)

Beginning chain BRDRC0P description

Point BRDRPC0001 N 824,430.8886 E 1,946,668.2651 Sta 5035+68.31

Course from BRDRPC0001 to PC BRDRC0P-C1 S 23° 13' 43.04" W Dist 129.7011

Curve Data

Curve BRDRC0P-C1
P.I. Station 5041+86.20 N 823,863.0870 E 1,946,424.5692
Delta = 106° 53' 05.19" (LT)
Degree = 15° 49' 39.23"
Tangent = 488.1875
Length = 675.3078
Radius = 362.0000
External = 245.7590
Long Chord = 581.5590
Mid. Ord. = 146.3817
P.C. Station 5036+98.02 N 824,311.7013 E 1,946,617.1109
P.T. Station 5043+73.32 N 823,809.1447 E 1,946,909.7674
C.C. N 824,168.9281 E 1,946,949.7666
Back = S 23° 13' 43.04" W
Ahead = S 83° 39' 22.14" E
Chord Bear = S 30° 12' 49.55" E

Course from PT BRDRC0P-C1 to PC BRDRC0P-C2 S 83° 39' 22.14" E Dist 312.3705

Curve Data

Curve BRDRC0P-C2
P.I. Station 5050+61.42 N 823,733.1134 E 1,947,593.6519
Delta = 41° 11' 06.58" (RT)
Degree = 5° 43' 46.48"
Tangent = 375.7275
Length = 718.8167
Radius = 1,000.0000
External = 68.2561
Long Chord = 703.4409
Mid. Ord. = 63.8949
P.C. Station 5046+85.69 N 823,774.6294 E 1,947,220.2251
P.T. Station 5054+04.51 N 823,455.9695 E 1,947,847.3495
C.C. N 822,780.7527 E 1,947,109.7301
Back = S 83° 39' 22.14" E
Ahead = S 42° 28' 15.56" E
Chord Bear = S 63° 03' 48.85" E

Ending chain BRDRC0P description

BROAD RIVER RAMP D (BRDRD0P)

Beginning chain BRDRD0P description

Point BRDRPD0001 N 824,274.4367 E 1,947,914.0878 Sta 6044+47.75

Curve Data

Curve BRDRD0P-C1
P.I. Station 6049+85.79 N 824,332.4520 E 1,947,379.1830
Delta = 134° 36' 44.19" (LT)
Degree = 25° 27' 53.25"
Tangent = 538.0417
Length = 528.6212
Radius = 225.0000
External = 358.1928
Long Chord = 415.1607
Mid. Ord. = 138.1934
P.C. Station 6044+47.75 N 824,274.4367 E 1,947,914.0878
P.T. Station 6049+76.37 N 823,910.9219 E 1,947,713.5499
C.C. N 824,050.7485 E 1,947,889.8267
Back = N 83° 48' 35.80" W
Ahead = S 38° 25' 19.99" E
Chord Bear = S 28° 53' 02.10" W

Course from PT BRDRD0P-C1 to BRDRD0003 S 38° 25' 19.99" E Dist 885.1763

Point BRDRD0003 N 823,217.4283 E 1,948,263.6442 Sta 6058+61.55

Ending chain BRDRD0P description

LAKE MURRAY RAMP A (LKMRA0P)

Beginning chain LKMRA0P description

Curve Data

Curve LKMRA0P-C1
P.I. Station 3074+80.32 N 822,023.3931 E 1,949,356.6642
Delta = 47° 14' 25.22" (LT)
Degree = 5° 43' 46.48"
Tangent = 437.3085
Length = 824.4994
Radius = 1,000.0000
External = 91.4388
Long Chord = 801.3432
Mid. Ord. = 83.7783
P.C. Station 3070+43.01 N 822,345.9603 E 1,949,061.3861
P.T. Station 3078+67.51 N 822,021.1898 E 1,949,793.9672
C.C. N 823,021.1771 E 1,949,799.0054
Back = S 42° 28' 15.56" E
Ahead = S 89° 42' 40.78" E
Chord Bear = S 66° 05' 28.17" E

Course from PT LKMRA0P-C1 to PC LKMRA0P-C2 S 89° 42' 40.78" E Dist 214.2947

Curve Data

Curve LKMRA0P-C2
P.I. Station 3085+07.85 N 822,017.9636 E 1,950,434.2985
Delta = 98° 06' 29.18" (RT)
Degree = 15° 30' 00.03"
Tangent = 426.0448
Length = 632.9552
Radius = 369.6500
External = 194.4025
Long Chord = 558.4141
Mid. Ord. = 127.4011
P.C. Station 3080+81.80 N 822,020.1101 E 1,950,008.2591
P.T. Station 3087+14.76 N 821,596.4858 E 1,950,372.0843
C.C. N 821,650.4648 E 1,950,006.3967
Back = S 89° 42' 40.78" E
Ahead = S 8° 23' 48.40" W
Chord Bear = S 40° 39' 26.19" E

Course from PT LKMRA0P-C2 to LKMRA0004 S 8° 23' 48.40" W Dist 231.4937

Point LKMRA0004 N 821,367.4735 E 1,950,338.2798 Sta 3089+46.25

Ending chain LKMRA0P description

LAKE MURRAY RAMP B (LKMRB0P)

Beginning chain LKMRB0P description

Point LKMPRB0001 N 822,644.0173 E 1,948,590.6106 Sta 4065+05.28

Course from LKMPRB0001 to PC LKMRB0P-C1 S 38° 28' 15.56" E Dist 938.6647

Curve Data

Curve LKMRB0P-C1
P.I. Station 4079+24.07 N 821,533.2099 E 1,949,473.2688
Delta = 127° 50' 27.82" (RT)
Degree = 24° 22' 52.26"
Tangent = 480.1301
Length = 524.3431
Radius = 235.0000
External = 299.5558
Long Chord = 422.1470
Mid. Ord. = 131.6899
P.C. Station 4074+43.94 N 821,909.1149 E 1,949,174.5711
P.T. Station 4079+68.29 N 821,527.9313 E 1,948,993.1677
C.C. N 821,762.9171 E 1,948,990.5841
Back = S 38° 28' 15.56" E
Ahead = S 89° 22' 12.26" W
Chord Bear = S 25° 26' 58.35" W

Course from PT LKMRB0P-C1 to LKMPRB0003 S 89° 22' 12.26" W Dist 122.6831

Point LKMPRB0003 N 821,526.5825 E 1,948,870.4920 Sta 4080+90.97

Ending chain LKMRB0P description

LAKE MURRAY RAMP C (LKMRC0P)

Beginning chain LKMRC0P description

Point LKMPRC0001 N 821,452.6718 E 1,949,356.8481 Sta 5076+31.54

Course from LKMPRC0001 to PC LKMRC0P-C1 S 4° 40' 52.48" W Dist 262.1622

Curve Data

Curve LKMRC0P-C1
P.I. Station 5082+68.79 N 820,817.5407 E 1,949,304.8401
Delta = 91° 24' 22.29" (LT)
Degree = 15° 39' 16.50"
Tangent = 375.0947
Length = 583.8941
Radius = 366.0000
External = 158.0725
Long Chord = 523.9147
Mid. Ord. = 110.3942
P.C. Station 5078+93.70 N 821,191.3842 E 1,949,335.4525
P.T. Station 5084+77.59 N 820,796.1118 E 1,949,679.3222
C.C. N 821,161.5141 E 1,949,700.2315
Back = S 4° 40' 52.48" W
Ahead = S 86° 43' 29.81" E
Chord Bear = S 41° 01' 18.67" E

Course from PT LKMRC0P-C1 to PC LKMRC0P-C2 S 86° 43' 29.81" E Dist 195.7588

Curve Data


Curve LKMRC0P-C2
P.I. Station 5091+09.96 N 820,759.9850 E 1,950,310.6590
Delta = 47° 10' 23.52" (RT)
Degree = 5° 43' 46.48"
Tangent = 436.6108
Length = 823.3276
Radius = 1,000.0000
External = 91.1595
Long Chord = 800.2694
Mid. Ord. = 83.5437
P.C. Station 5086+73.35 N 820,784.9283 E 1,949,874.7613
P.T. Station 5094+96.68 N 820,423.3364 E 1,950,588.6817
C.C. N 819,786.5615 E 1,949,817.6320
Back = S 86° 43' 29.81" E
Ahead = S 39° 33' 06.30" E
Chord Bear = S 63° 08' 18.06" E

Ending chain LKMRC0P description


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CAROLINA CROSSROADS

REFERENCE DATA SHEET

FED. RD. DIV. NO.	STATE	COUNTY	FILE NO.	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON/RICHLAND	PO39720	1251-201-125	5R

LAKE MURRAY RAMP D (LKMRD0P)

Beginning chain LKMRD0P description

Curve Data

Curve LKMRD0P-1
P.I. Station 6091+61.12 N 821,399.8932 E 1,950,092.2268
Delta = 140° 44' 45.47" (LT)
Degree = 24° 30' 00.12"
Tangent = 655.7765
Length = 574.4725
Radius = 233.8600
External = 462.3679
Long Chord = 440.5451
Mid. Ord. = 155.3074
P.C. Station 6085+05.34 N 821,229.5418 E 1,950,725.4907
P.T. Station 6090+79.81 N 820,867.2779 E 1,950,474.8019
C.C. N 821,003.7101 E 1,950,664.7407
Back = N 74° 56' 36.77" W
Ahead = S 35° 41' 22.24" E
Chord Bear = S 34° 41' 00.49" W

Course from PT LKMRD0P-1 to LKMPRD0002 S 35° 41' 22.24" E Dist 903.8871

Point LKMPRD0002 N 820,133.1496 E 1,951,002.1228 Sta 6099+83.70

Ending chain LKMRD0P description

HARBISON BLVD. (HRB001P)

Beginning chain HRB001P description

Point HRB01 N 814,542.4789 E 1,951,534.9425 Sta 10+00.00

Course from HRB01 to PC HRB001P-1 N 59° 38' 34.22" E Dist 1,114.2007

Curve Data

Curve HRB001P-1
P.I. Station 24+95.84 N 815,298.4574 E 1,952,825.6868
Delta = 26° 02' 46.73" (LT)
Degree = 3° 28' 20.90"
Tangent = 381.6350
Length = 750.0800
Radius = 1,650.0000
External = 43.5599
Long Chord = 743.6380
Mid. Ord. = 42.4395
P.C. Station 21+14.20 N 815,105.5834 E 1,952,496.3771
P.T. Station 28+64.28 N 815,616.3421 E 1,953,036.8611
C.C. N 816,529.3548 E 1,951,662.4857
Back = N 59° 38' 34.22" E
Ahead = N 33° 35' 47.49" E
Chord Bear = N 46° 37' 10.86" E

Course from PT HRB001P-1 to PC HRB001P-2 N 33° 35' 47.49" E Dist 741.0273

Curve Data

Curve HRB001P-2
P.I. Station 36+89.58 N 816,303.7811 E 1,953,493.5345
Delta = 0° 57' 56.48" (RT)
Degree = 0° 34' 22.65"
Tangent = 84.2743
Length = 168.5447
Radius = 10,000.0000
External = 0.3551
Long Chord = 168.5427
Mid. Ord. = 0.3551
P.C. Station 36+05.31 N 816,233.5844 E 1,953,446.9020
P.T. Station 37+73.85 N 816,373.1819 E 1,953,541.3434
C.C. N 810,700.1739 E 1,961,776.4499
Back = N 33° 35' 47.49" E
Ahead = N 34° 33' 43.98" E
Chord Bear = N 34° 04' 45.74" E

Course from PT HRB001P-2 to PC HRB001P-3 N 34° 33' 43.98" E Dist 1,062.2392

Curve Data

Curve HRB001P-3
P.I. Station 54+15.04 N 817,724.7190 E 1,954,472.3915
Delta = 65° 30' 16.50" (RT)
Degree = 6° 21' 58.31"
Tangent = 578.9504
Length = 1,028.9436
Radius = 900.0000
External = 170.1325
Long Chord = 973.8146
Mid. Ord. = 143.0844
P.C. Station 48+36.09 N 817,247.9472 E 1,954,143.9525
P.T. Station 58+65.04 N 817,623.5207 E 1,955,042.4287
C.C. N 816,737.3765 E 1,954,885.1121
Back = N 34° 33' 43.98" E
Ahead = S 79° 55' 59.52" E
Chord Bear = N 67° 18' 52.23" E

Course from PT HRB001P-3 to HRB02 S 79° 55' 59.52" E Dist 239.3135

Point HRB02 N 817,581.6896 E 1,955,278.0579 Sta 61+04.35

Ending chain HRB001P description

HARBISON RAMP A (HRBRA0P)

Beginning chain HRBRA0P description

Curve Data

Curve HRBRA0P-1
P.I. Station 3134+34.54 N 817,480.0198 E 1,953,208.7851
Delta = 15° 34' 35.98" (LT)
Degree = 2° 06' 23.26"
Tangent = 372.0293
Length = 739.4701
Radius = 2,720.0000
External = 25.3244
Long Chord = 737.1950
Mid. Ord. = 25.0907
P.C. Station 3130+62.51 N 817,766.8729 E 1,952,971.8862
P.T. Station 3138+01.98 N 817,267.3161 E 1,953,514.0111
C.C. N 819,498.9006 E 1,955,069.1415
Back = S 39° 33' 06.30" E
Ahead = S 55° 07' 42.28" E
Chord Bear = S 47° 20' 24.29" E

Course from PT HRBRA0P-1 to HRBRA10001 S 55° 07' 42.28" E Dist 529.7592

Point HRBRA10001 N 816,964.4321 E 1,953,948.6443 Sta 3143+31.74

Ending chain HRBRA0P description

HARBISON RAMP B (HRBRB0P)

Beginning chain HRBRB0P description

Point HRBB100 N 817,832.0053 E 1,952,744.3073 Sta 4128+67.37

Course from HRBB100 to HRBB101 S 34° 33' 06.30" E Dist 525.1425

Point HRBB101 N 817,399.4905 E 1,953,042.1420 Sta 4133+92.51

Course from HRBB101 to PC HRBRB0P-1 S 34° 33' 06.30" E Dist 71.9885

Curve Data

Curve HRBRB0P-1
P.I. Station 4136+13.80 N 817,217.2310 E 1,953,167.6480
Delta = 17° 35' 24.05" (RT)
Degree = 5° 56' 14.59"
Tangent = 149.3038
Length = 296.2585
Radius = 965.0000
External = 11.4818
Long Chord = 295.0965
Mid. Ord. = 11.3468
P.C. Station 4134+64.50 N 817,340.1998 E 1,953,082.9703
P.T. Station 4137+60.76 N 817,074.4220 E 1,953,211.2048
C.C. N 816,792.8997 E 1,952,288.1825
Back = S 34° 33' 06.30" E
Ahead = S 16° 57' 42.25" E
Chord Bear = S 25° 45' 24.27" E

Course from PT HRBRB0P-1 to HRBB102 S 16° 57' 42.25" E Dist 72.3508

Point HRBB102 N 817,005.2185 E 1,953,232.3119 Sta 4138+33.11

Course from HRBB102 to PC HRBRB0P-2 S 16° 06' 05.79" E Dist 154.6102

Curve Data

Curve HRBRB0P-2
P.I. Station 4141+59.70 N 816,691.4362 E 1,953,322.8901
Delta = 23° 56' 45.59" (LT)
Degree = 7° 03' 53.39"
Tangent = 171.9840
Length = 338.9465
Radius = 811.0000
External = 18.0353
Long Chord = 336.4850
Mid. Ord. = 17.6429
P.C. Station 4139+87.72 N 816,856.6735 E 1,953,275.1918
P.T. Station 4143+26.67 N 816,559.7808 E 1,953,433.5486
C.C. N 817,081.5975 E 1,954,054.3773
Back = S 16° 06' 05.79" E
Ahead = S 40° 02' 51.38" E
Chord Bear = S 28° 04' 28.59" E

Course from PT HRBRB0P-2 to HRBB103 S 40° 02' 51.38" E Dist 201.8665

Point HRBB103 N 816,405.2499 E 1,953,563.4344 Sta 4145+28.53

Ending chain HRBRB0P description

HARBISON RAMP C (HRBRC0P)

Beginning chain HRBRC0P description

Point HRBRC10001 N 816,395.2376 E 1,953,556.5371 Sta 5144+60.85

Course from HRBRC10001 to PC HRBRC0P-1 S 55° 26' 16.02" E Dist 391.6372

Curve Data

Curve HRBRC0P-1
P.I. Station 5150+32.47 N 816,074.2789 E 1,954,029.5080
Delta = 4° 59' 48.37" (RT)
Degree = 1° 23' 20.38"
Tangent = 179.9841
Length = 359.7400
Radius = 4,124.9810
External = 3.9247
Long Chord = 359.6260
Mid. Ord. = 3.9210
P.C. Station 5148+52.49 N 816,173.0615 E 1,953,879.0545
P.T. Station 5152+12.23 N 815,962.7673 E 1,954,170.7858
C.C. N 812,724.8790 E 1,951,615.0966
Back = S 56° 42' 44.92" E
Ahead = S 51° 42' 56.54" E
Chord Bear = S 54° 12' 50.73" E

Course from PT HRBRC0P-1 to HRBRC10002 S 40° 41' 51.04" E Dist 200.0400

Point HRBRC10002 N 815,256.7680 E 1,954,855.5153 Sta 5161+97.37

Ending chain HRBRC0P description

HARBISON RAMP D (HRBRD0P)

Beginning chain HRBRD0P description

Point HRBRD10000 N 816,972.8380 E 1,953,954.4350 Sta 6142+69.42

Course from HRBRD10000 to PC HRBRD0P-1 S 35° 26' 16.02" E Dist 174.1333

Curve Data

Curve HRBRD0P-1
P.I. Station 6145+78.46 N 816,721.0518 E 1,954,133.6202
Delta = 15° 43' 23.80" (RT)
Degree = 5° 51' 52.06"
Tangent = 134.9033
Length = 268.1112
Radius = 977.0000
External = 9.2697
Long Chord = 267.2707
Mid. Ord. = 9.1826
P.C. Station 6144+43.55 N 816,830.9637 E 1,954,055.4007
P.T. Station 6147+11.66 N 816,594.0559 E 1,954,179.1276
C.C. N 816,264.4810 E 1,953,259.3943
Back = S 35° 26' 16.02" E
Ahead = S 19° 42' 52.22" E
Chord Bear = S 27° 34' 54.12" E

Course from PT HRBRD0P-1 to HRBRD10001 S 19° 42' 52.22" E Dist 191.2485

Point HRBRD10001 N 816,414.0173 E 1,954,243.6422 Sta 6149+02.91

Course from HRBRD10001 to PC HRBRD0P-2 S 19° 42' 52.22" E Dist 17.8068

Curve Data

Curve HRBRD0P-2
P.I. Station 6151+37.70 N 816,192.9881 E 1,954,322.8452
Delta = 15° 50' 14.08" (LT)
Degree = 3° 40' 22.10"
Tangent = 216.9847
Length = 431.2028
Radius = 1,560.0000
External = 15.0182
Long Chord = 429.8314
Mid. Ord. = 14.8750
P.C. Station 6149+20.72 N 816,397.2542 E 1,954,249.6490
P.T. Station 6153+51.92 N 816,016.4513 E 1,954,449.0084
C.C. N 816,923.4947 E 1,955,718.2099
Back = S 19° 42' 52.22" E
Ahead = S 35° 33' 06.30" E
Chord Bear = S 27° 37' 59.26" E

Course from PT HRBRD0P-2 to HRBRD10002 S 35° 33' 06.30" E Dist 348.5013

Point HRBRD10002 N 815,732.9140 E 1,954,651.6403 Sta 6157+00.42

Ending chain HRBRD0P description

WOODCROSS DRIVE (WDCR0P)

Beginning chain WDCR0P description

Point WDCR100 N 817,139.4076 E 1,954,069.1816 Sta 9142+45.05

Course from WDCR100 to PC WDCR0P-1 S 53° 50' 02.58" E Dist 122.8008

Curve Data

Curve WDCR0P-1
P.I. Station 9144+22.05 N 817,034.9541 E 1,954,212.0773
Delta = 29° 37' 11.21" (RT)
Degree = 27° 56' 56.98"
Tangent = 54.2012
Length = 105.9773
Radius = 205.0000
External = 7.0443
Long Chord = 104.8012
Mid. Ord. = 6.8102
P.C. Station 9143+67.85 N 817,066.9396 E 1,954,168.3201
P.T. Station 9144+73.83 N 816,985.5217 E 1,954,234.3079
C.C. N 816,901.4409 E 1,954,047.3443
Back = S 53° 50' 02.58" E
Ahead = S 24° 12' 51.38" E
Chord Bear = S 39° 01' 26.98" E

Course from PT WDCR0P-1 to PC WDCR0P-2 S 24° 12' 51.38" E Dist 93.9630

Curve Data

Curve WDCR0P-2
P.I. Station 9147+21.31 N 816,759.8181 E 1,954,335.8107
Delta = 30° 24' 04.79" (LT)
Degree = 10° 08' 27.05"
Tangent = 153.5141
Length = 299.7909
Radius = 565.0000
External = 20.4841
Long Chord = 296.2864
Mid. Ord. = 19.7674
P.C. Station 9145+67.79 N 816,899.8257 E 1,954,272.8469
P.T. Station 9148+67.58 N 816,670.9243 E 1,954,460.9686
C.C. N 817,131.5606 E 1,954,788.1370
Back = S 24° 12' 51.38" E
Ahead = S 54° 36' 56.17" E
Chord Bear = S 39° 24' 53.77" E

Course from PT WDCR0P-2 to WDCR101 S 54° 36' 56.17" E Dist 527.0236

Point WDCR101 N 816,365.7465 E 1,954,890.6433 Sta 9153+94.61

Ending chain WDCR0P description

SATURN PKWY (SAT001P)

Beginning chain SAT001P description

Point SATP100 N 815,774.5505 E 1,953,701.8910 Sta 9147+59.10

Course from SATP100 to PC SAT001P-1 N 58° 35' 11.42" E Dist 163.0019

Curve Data

Curve SAT001P-1
P.I. Station 9152+42.26 N 816,026.3800 E 1,954,114.2356
Delta = 80° 58' 43.94" (RT)
Degree = 15° 16' 43.95"
Tangent = 320.1607
Length = 530.0055
Radius = 375.0000
External = 118.0800
Long Chord = 486.9809
Mid. Ord. = 89.8029
P.C. Station 9149+22.10 N 815,859.5089 E 1,953,841.0014
P.T. Station 9154+52.11 N 815,782.6908 E 1,954,321.8854
C.C. N 815,539.4733 E 1,954,036.4554
Back = N 58° 35' 11.42" E
Ahead = S 40° 26' 04.64" E
Chord Bear = S 80° 55' 26.61" E

Course from PT SAT001P-1 to PC SAT001P-2 S 40° 26' 04.64" E Dist 671.0429

Curve Data

Curve SAT001P-2
P.I. Station 9162+93.43 N 815,142.3239 E 1,954,867.5479
Delta = 25° 55' 00.13" (RT)
Degree = 7° 44' 33.62"
Tangent = 170.2760
Length = 334.7255
Radius = 740.0000
External = 19.3378
Long Chord = 331.8792
Mid. Ord. = 18.8453
P.C. Station 9161+23.15 N 815,271.9288 E 1,954,757.1103
P.T. Station 9164+57.88 N 814,977.4849 E 1,954,910.2332
C.C. N 814,791.9797 E 1,954,193.8619
Back = S 40° 26' 04.64" E
Ahead = S 14° 31' 04.51" E
Chord Bear = S 27° 28' 34.57" E

Course from PT SAT001P-2 to SATP101 S 14° 31' 04.51" E Dist 338.5865


Point SATP101 N 814,649.7097 E 1,954,995.1110 Sta 9167+96.46

Ending chain SAT001P description


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3	S.C.	LEXINGTON/RICHLAND	PO39720	1251-201-125	5S

FERNANDINA (FRNP)

Beginning chain FRNP description
 =====
 Point FRNP100 N 816,736.0526 E 1,954,384.6541 Sta 9147+56.94
 Course from FRNP100 to PC FRNP-1 S 45° 34' 18.72" W Dist 68.1419
 Curve Data

 Curve FRNP-1
 P.I. Station 9149+85.23 N 816,576.2470 E 1,954,221.6262
 Delta = 65° 17' 10.96" (LT)
 Degree = 22° 55' 05.92"
 Tangent = 160.1473
 Length = 284.8656
 Radius = 250.0000
 External = 46.8959
 Long Chord = 269.7028
 Mid. Ord. = 39.4885
 P.C. Station 9148+25.08 N 816,688.3524 E 1,954,335.9920
 P.T. Station 9151+09.95 N 816,425.4867 E 1,954,275.6493
 C.C. N 816,509.8201 E 1,954,510.9956
 Back = S 45° 34' 18.72" W
 Ahead = S 19° 42' 52.24" E
 Chord Bear = S 12° 55' 43.24" W
 Course from PT FRNP-1 to PC FRNP-2 S 19° 42' 52.24" E Dist 17.8070
 Curve Data

 Curve FRNP-2
 P.I. Station 9153+40.01 N 816,208.9093 E 1,954,353.2571
 Delta = 15° 50' 14.06" (LT)
 Degree = 3° 45' 16.70"
 Tangent = 212.2555
 Length = 421.8047
 Radius = 1,526.0000
 External = 14.6909
 Long Chord = 420.4631
 Mid. Ord. = 14.5508
 P.C. Station 9151+27.75 N 816,408.7234 E 1,954,281.6562
 P.T. Station 9155+49.56 N 816,036.2202 E 1,954,476.6705
 C.C. N 816,923.4946 E 1,955,718.2099
 Back = S 19° 42' 52.24" E
 Ahead = S 35° 33' 06.30" E
 Chord Bear = S 27° 37' 59.27" E
 Course from PT FRNP-2 to PC FRNP-3 S 35° 33' 06.30" E Dist 164.6783
 Curve Data

 Curve FRNP-3
 P.I. Station 9158+96.87 N 815,753.6488 E 1,954,678.6120
 Delta = 4° 00' 00.00" (LT)
 Degree = 1° 05' 43.88"
 Tangent = 182.6356
 Length = 365.1229
 Radius = 5,230.0000
 External = 3.1879
 Long Chord = 365.0487
 Mid. Ord. = 3.1860
 P.C. Station 9157+14.24 N 815,902.2395 E 1,954,572.4207
 P.T. Station 9160+79.36 N 815,612.8277 E 1,954,794.9098
 C.C. N 818,943.1603 E 1,958,827.5001
 Back = S 35° 33' 06.30" E
 Ahead = S 39° 33' 06.30" E
 Chord Bear = S 37° 33' 06.30" E
 Course from PT FRNP-3 to PC FRNP-4 S 39° 33' 06.30" E Dist 2,071.2318
 Curve Data

 Curve FRNP-4
 P.I. Station 9182+16.77 N 813,964.7755 E 1,956,155.9611
 Delta = 12° 35' 19.99" (LT)
 Degree = 9° 32' 57.47"
 Tangent = 66.1817
 Length = 131.8305
 Radius = 600.0000
 External = 3.6390
 Long Chord = 131.5655
 Mid. Ord. = 3.6170
 P.C. Station 9181+50.59 N 814,015.8049 E 1,956,113.8182
 P.T. Station 9182+82.42 N 813,924.1581 E 1,956,208.2128
 C.C. N 814,397.8698 E 1,956,576.4481
 Back = S 39° 33' 06.30" E
 Ahead = S 52° 08' 26.29" E
 Chord Bear = S 45° 50' 46.29" E
 Course from PT FRNP-4 to FRNP101 S 52° 08' 26.29" E Dist 358.6193
 Point FRNP101 N 813,704.0643 E 1,956,491.3498 Sta 9186+41.04
 =====
 Ending chain FRNP description

PINEY GROVE (PNG001P)

Beginning chain PNG001P description
 =====
 Point PNGP001001 N 812,355.3519 E 1,955,322.8899 Sta 10+00.00
 Course from PNGP001001 to PC PNG001P-1 N 60° 52' 58.13" E Dist 31.4303
 Curve Data

 Curve PNG001P-1
 P.I. Station 12+55.75 N 812,479.7989 E 1,955,546.3192
 Delta = 17° 48' 03.58" (RT)
 Degree = 4° 00' 00.05"
 Tangent = 224.3190
 Length = 445.0235
 Radius = 1,432.3900
 External = 17.4583
 Long Chord = 443.2358
 Mid. Ord. = 17.2481
 P.C. Station 10+31.43 N 812,370.6458 E 1,955,350.3482
 P.T. Station 14+76.45 N 812,523.8155 E 1,955,766.2773
 C.C. N 811,119.2722 E 1,956,047.3455
 Back = N 60° 52' 58.13" E
 Ahead = N 78° 41' 01.71" E
 Chord Bear = N 69° 46' 59.92" E
 Course from PT PNG001P-1 to PC PNG001P-2 N 78° 41' 01.71" E Dist 387.8262
 Curve Data

 Curve PNG001P-2
 P.I. Station 20+67.60 N 812,639.8117 E 1,956,345.9295
 Delta = 8° 07' 08.81" (LT)
 Degree = 2° 00' 00.00"
 Tangent = 203.3183
 Length = 405.9559
 Radius = 2,864.7900
 External = 7.2058
 Long Chord = 405.6163
 Mid. Ord. = 7.1878
 P.C. Station 18+64.28 N 812,599.9160 E 1,956,146.5639
 P.T. Station 22+70.24 N 812,707.4643 E 1,956,537.6623
 C.C. N 815,409.0123 E 1,955,584.4255
 Back = N 78° 41' 01.71" E
 Ahead = N 70° 33' 52.90" E
 Chord Bear = N 74° 37' 27.31" E
 Course from PT PNG001P-2 to PC PNG001P-3 N 70° 33' 52.90" E Dist 689.6991
 Curve Data

 Curve PNG001P-3
 P.I. Station 31+32.20 N 812,994.2774 E 1,957,350.5132
 Delta = 3° 26' 39.60" (LT)
 Degree = 1° 00' 00.00"
 Tangent = 172.2686
 Length = 344.4334
 Radius = 5,729.5800
 External = 2.5892
 Long Chord = 344.3816
 Mid. Ord. = 2.5880
 P.C. Station 29+59.93 N 812,936.9564 E 1,957,188.0608
 P.T. Station 33+04.37 N 813,061.2549 E 1,957,509.2283
 C.C. N 818,340.0523 E 1,955,281.5873
 Back = N 70° 33' 52.90" E
 Ahead = N 67° 07' 13.30" E
 Chord Bear = N 68° 50' 33.10" E
 Course from PT PNG001P-3 to PC PNG001P-4 N 67° 07' 13.30" E Dist 210.4600
 Curve Data

 Curve PNG001P-4
 P.I. Station 37+85.75 N 813,248.4133 E 1,957,952.7340
 Delta = 16° 08' 50.61" (RT)
 Degree = 3° 00' 00.00"
 Tangent = 270.9188
 Length = 538.2466
 Radius = 1,909.8600
 External = 19.1196
 Long Chord = 536.4671
 Mid. Ord. = 18.9301
 P.C. Station 35+14.83 N 813,143.0810 E 1,957,703.1301
 P.T. Station 40+53.07 N 813,280.1730 E 1,958,221.7848
 C.C. N 811,383.4819 E 1,958,445.6771
 Back = N 67° 07' 13.30" E
 Ahead = N 83° 16' 03.91" E
 Chord Bear = N 75° 11' 38.60" E
 Course from PT PNG001P-4 to PNGP001002 N 83° 16' 03.91" E Dist 202.3327
 Point PNGP001002 N 813,303.8924 E 1,958,422.7224 Sta 42+55.41
 =====
 Ending chain PNG001P description

PINEY GROVE RAMP A (PNGRA0P)

Beginning chain PNGRA0P description
 =====
 Curve Data

 Curve PNGRA0P-1
 P.I. Station 3187+64.19 N 813,373.6412 E 1,956,605.2440
 Delta = 16° 23' 33.99" (LT)
 Degree = 2° 51' 53.24"
 Tangent = 288.0757
 Length = 572.2157
 Radius = 2,000.0000
 External = 20.6404
 Long Chord = 570.2661
 Mid. Ord. = 20.4296
 P.C. Station 3184+76.12 N 813,595.7618 E 1,956,421.8046
 P.T. Station 3190+48.33 N 813,212.3201 E 1,956,843.9134
 C.C. N 814,869.3116 E 1,957,963.9041
 Back = S 39° 33' 06.30" E
 Ahead = S 55° 56' 40.28" E
 Chord Bear = S 47° 44' 53.29" E
 Course from PT PNGRA0P-1 to PNGPRA0002 S 55° 56' 40.28" E Dist 465.3333
 Point PNGPRA0002 N 812,951.7357 E 1,957,229.4401 Sta 3195+13.67
 =====
 Ending chain PNGRA0P description
 =====
PINEY GROVE RAMP B (PNGRB0P)
 =====
 Beginning chain PNGRB0P description
 =====
 Point PNGRB1000 N 813,808.6900 E 1,956,051.4170 Sta 4180+75.43
 Course from PNGRB1000 to PC PNGRB0P-1 S 36° 28' 28.76" E Dist 256.3981
 Curve Data

 Curve PNGRB0P-1
 P.I. Station 4184+35.17 N 813,519.4195 E 1,956,265.2680
 Delta = 3° 05' 57.72" (RT)
 Degree = 1° 30' 00.00"
 Tangent = 103.3374
 Length = 206.6245
 Radius = 3,819.7200
 External = 1.3976
 Long Chord = 206.5993
 Mid. Ord. = 1.3971
 P.C. Station 4183+31.83 N 813,602.5151 E 1,956,203.8373
 P.T. Station 4185+38.45 N 813,433.1239 E 1,956,322.1160
 C.C. N 811,331.8171 E 1,953,132.3244
 Back = S 36° 28' 28.76" E
 Ahead = S 33° 22' 31.04" E
 Chord Bear = S 34° 55' 29.90" E
 Course from PT PNGRB0P-1 to PC PNGRB0P-2 S 33° 22' 31.04" E Dist 5.1621
 Curve Data

 Curve PNGRB0P-2
 P.I. Station 4186+92.89 N 813,301.0007 E 1,956,402.0662
 Delta = 6° 13' 54.06" (RT)
 Degree = 2° 05' 21.93"
 Tangent = 149.2716
 Length = 298.2489
 Radius = 2,742.1811
 External = 4.0598
 Long Chord = 298.1019
 Mid. Ord. = 4.0538
 P.C. Station 4185+43.61 N 813,428.8131 E 1,956,324.9558
 P.T. Station 4188+41.86 N 813,165.5732 E 1,956,464.8470
 C.C. N 812,012.2637 E 1,953,976.9897
 Back = S 31° 06' 10.67" E
 Ahead = S 24° 52' 16.61" E
 Chord Bear = S 27° 59' 13.64" E
 Course from PT PNGRB0P-2 to PNGRB1001 S 27° 23' 44.23" E Dist 189.4266
 Point PNGRB1001 N 812,997.3908 E 1,956,552.0082 Sta 4190+31.29
 Course from PNGRB1001 to PNGRB1002 S 25° 58' 10.40" E Dist 270.3887
 Point PNGRB1002 N 812,754.3040 E 1,956,670.4097 Sta 4193+01.68
 =====
 Ending chain PNGRB0P description

PINEY GROVE RAMP C (PNGRC0P)

Beginning chain PNGRC0P description
 =====
 Point PNGRC1001 N 812,751.7222 E 1,956,663.0925 Sta 5192+64.95
 Course from PNGRC1001 to PC PNGRC0P-1 S 49° 29' 20.26" E Dist 794.9991
 Curve Data

 Curve PNGRC0P-1
 P.I. Station 5201+49.80 N 812,176.9276 E 1,957,335.8280
 Delta = 2° 57' 04.57" (RT)
 Degree = 1° 38' 33.56"
 Tangent = 89.8522
 Length = 179.6647
 Radius = 3,488.0000
 External = 1.1571
 Long Chord = 179.6449
 Mid. Ord. = 1.1567
 P.C. Station 5200+59.95 N 812,235.2951 E 1,957,267.5151
 P.T. Station 5202+39.61 N 812,115.1203 E 1,957,401.0452
 C.C. N 809,583.4356 E 1,955,001.7293
 Back = S 49° 29' 20.26" E
 Ahead = S 46° 32' 15.69" E
 Chord Bear = S 48° 00' 47.97" E
 Course from PT PNGRC0P-1 to PC PNGRC0P-2 S 46° 32' 15.69" E Dist 1,957.5602749
 Curve Data


 Curve PNGRC0P-2
 P.I. Station 5204+58.99 N 811,964.2159 E 1,957,560.2749
 Delta = 7° 11' 51.82" (RT)
 Degree = 1° 38' 33.56"
 Tangent = 219.3769
 Length = 438.1767
 Radius = 3,488.0000
 External = 6.8920
 Long Chord = 437.8886
 Mid. Ord. = 6.8784
 P.C. Station 5202+39.61 N 812,115.1203 E 1,957,401.0452
 P.T. Station 5206+77.79 N 811,794.5502 E 1,957,699.3424
 C.C. N 809,583.4356 E 1,955,001.7293
 Back = S 46° 32' 15.69" E
 Ahead = S 39° 20' 23.86" E
 Chord Bear = S 42° 56' 19.77" E
 =====
 Ending chain PNGRC0P description
 =====
PINEY GROVE RAMP D (PNGRD0P)
 =====
 Beginning chain PNGRD0P description
 =====
 Point PNGRD1003 N 812,939.5588 E 1,957,195.4202 Sta 6194+58.17
 Course from PNGRD1003 to PC PNGRD0P-1 S 21° 29' 30.95" E Dist 275.6190
 Curve Data

 Curve PNGRD0P-1
 P.I. Station 6199+29.26 N 812,501.2240 E 1,957,368.0136
 Delta = 18° 03' 35.34" (LT)
 Degree = 4° 39' 29.50"
 Tangent = 195.4711
 Length = 387.7000
 Radius = 1,230.0000
 External = 15.4352
 Long Chord = 386.0971
 Mid. Ord. = 15.2439
 P.C. Station 6197+33.79 N 812,683.1038 E 1,957,296.3988
 P.T. Station 6201+21.49 N 812,350.5060 E 1,957,492.4847
 C.C. N 813,133.7392 E 1,958,440.8759
 Back = S 21° 29' 30.95" E
 Ahead = S 39° 33' 06.30" E
 Chord Bear = S 30° 31' 18.63" E
 Course from PT PNGRD0P-1 to PC PNGRD0P-2 S 39° 33' 06.30" E Dist 1,481.5998
 Curve Data


 Curve PNGRD0P-2
 P.I. Station 6217+93.16 N 811,061.5645 E 1,958,556.9629
 Delta = 2° 34' 48.71" (LT)
 Degree = 0° 40' 43.90"
 Tangent = 190.0712
 Length = 380.0782
 Radius = 8,440.0000
 External = 2.1400
 Long Chord = 380.0461
 Mid. Ord. = 2.1394
 P.C. Station 6216+03.09 N 811,208.1188 E 1,958,435.9303
 P.T. Station 6219+83.17 N 810,920.6073 E 1,958,684.4703
 C.C. N 816,582.4989 E 1,964,943.5903
 Back = S 39° 33' 06.30" E
 Ahead = S 42° 07' 55.01" E
 Chord Bear = S 40° 50' 30.66" E
 =====
 Ending chain PNGRD0P description

TRACT(S)	ISSUED FOR	DATE	TRACT(S)	ISSUED FOR	DATE
		11-01-2019			
NA	PINEY GROVE RAMP D UPDATED	04-08-2020			


PLANS PREPARED BY



PLANS PREPARED FOR



0 100 200 400



CAROLINA CROSSROADS

REFERENCE DATA SHEET

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.

FED. RD. DIV. NO.	STATE	COUNTY	FILE NO.	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON/RICHLAND	PO39720	1251-201-125	5T

FERNANDINA (FRNP02)

Beginning chain FRNP02 description
 Point FRNP02006 N 812,595.3618 E 1,957,964.9807 Sta 9201+26.76
 Course from FRNP02006 to PC FRNP02-1 S 28° 08' 27.49" W Dist 163.4371

Curve Data
 Curve FRNP02-1
 P.I. Station 9206+52.33 N 812,131.9206 E 1,957,717.1002
 Delta = 67° 41' 33.79" (LT)
 Degree = 10° 36' 37.19"
 Tangent = 362.1316
 Length = 637.9888
 Radius = 540.0000
 External = 110.1840
 Long Chord = 601.5252
 Mid. Ord. = 91.5116
 P.C. Station 9202+90.20 N 812,451.2445 E 1,957,887.8968
 P.T. Station 9209+28.19 N 811,852.6991 E 1,957,947.6965
 C.C. N 812,196.5576 E 1,958,364.0634
 Back = S 28° 08' 27.49" W
 Ahead = S 39° 33' 06.30" E
 Chord Bear = S 5° 42' 19.40" E
 Course from PT FRNP02-1 to PC FRNP02-2 S 39° 33' 06.30" E Dist 817.6554

Curve Data
 Curve FRNP02-2
 P.I. Station 9218+80.96 N 811,118.0606 E 1,958,554.4010
 Delta = 2° 34' 48.71" (LT)
 Degree = 0° 57' 17.75"
 Tangent = 135.1217
 Length = 270.1978
 Radius = 6,000.0000
 External = 1.5213
 Long Chord = 270.1749
 Mid. Ord. = 1.5209
 P.C. Station 9217+45.84 N 811,222.2461 E 1,958,468.3589
 P.T. Station 9220+16.04 N 811,017.8541 E 1,958,645.0461
 C.C. N 815,042.8955 E 1,963,094.6575
 Back = S 39° 33' 06.30" E
 Ahead = S 42° 07' 55.01" E
 Chord Bear = S 40° 50' 30.66" E
 Course from PT FRNP02-2 to PC FRNP02-3 S 42° 07' 55.01" E Dist 6,364.5349

Curve Data
 Curve FRNP02-3
 P.I. Station 9284+83.89 N 806,221.2865 E 1,962,983.9381
 Delta = 1° 41' 28.02" (RT)
 Degree = 0° 49' 06.64"
 Tangent = 103.3120
 Length = 206.6090
 Radius = 7,000.0000
 External = 0.7623
 Long Chord = 206.6015
 Mid. Ord. = 0.7623
 P.C. Station 9283+80.57 N 806,297.9029 E 1,962,914.6322
 P.T. Station 9285+87.18 N 806,146.7488 E 1,963,055.4748
 C.C. N 810,993.7846 E 1,968,105.8455
 Back = S 42° 07' 55.01" E
 Ahead = S 43° 49' 23.04" E
 Chord Bear = S 42° 58' 39.02" E
 Course from PT FRNP02-3 to PC FRNP02-4 S 43° 49' 23.04" E Dist 200.0000

Curve Data
 Curve FRNP02-4
 P.I. Station 9288+90.50 N 805,927.9148 E 1,963,265.4982
 Delta = 1° 41' 28.02" (RT)
 Degree = 0° 49' 06.64"
 Tangent = 103.3120
 Length = 206.6090
 Radius = 7,000.0000
 External = 0.7623
 Long Chord = 206.6015
 Mid. Ord. = 0.7623
 P.C. Station 9287+87.18 N 806,002.4525 E 1,963,193.9615
 P.T. Station 9289+93.79 N 805,851.2984 E 1,963,334.8041
 C.C. N 801,155.4167 E 1,958,143.5908
 Back = S 43° 49' 23.04" E
 Ahead = S 42° 07' 55.01" E
 Chord Bear = S 42° 58' 39.02" E
 Course from PT FRNP02-4 to PC FRNP02-5 S 42° 07' 55.01" E Dist 668.0930

Curve Data
 Curve FRNP02-5
 P.I. Station 9299+24.68 N 805,160.9481 E 1,963,959.2830
 Delta = 32° 29' 13.05" (LT)
 Degree = 6° 21' 07.50"
 Tangent = 262.7976
 Length = 511.4380
 Radius = 902.0000
 External = 37.5034
 Long Chord = 504.6144
 Mid. Ord. = 36.0063
 P.C. Station 9296+61.89 N 805,355.8394 E 1,963,782.9878
 P.T. Station 9301+73.32 N 805,091.2442 E 1,964,212.6680
 C.C. N 805,960.9373 E 1,964,451.9127
 Back = S 42° 07' 55.01" E
 Ahead = S 74° 37' 08.06" E
 Chord Bear = S 58° 22' 31.54" E
 Course from PT FRNP02-5 to PC FRNP02-6 S 74° 37' 08.06" E Dist 477.9734

Curve Data
 Curve FRNP02-6
 P.I. Station 9307+51.97 N 804,937.7656 E 1,964,770.5878
 Delta = 38° 43' 24.89" (RT)
 Degree = 19° 59' 59.09"
 Tangent = 100.6717
 Length = 193.6203
 Radius = 286.4825
 External = 17.1736
 Long Chord = 189.9563
 Mid. Ord. = 16.2023
 P.C. Station 9306+51.30 N 804,964.4675 E 1,964,673.5218
 P.T. Station 9308+44.92 N 804,856.2124 E 1,964,829.6122
 C.C. N 804,688.2460 E 1,964,597.5358
 Back = S 74° 37' 08.06" E
 Ahead = S 35° 53' 43.17" E
 Chord Bear = S 55° 15' 25.61" E
 Course from PT FRNP02-6 to FRNP02007 S 35° 53' 43.17" E Dist 40.0206
 Point FRNP02007 N 804,823.7922 E 1,964,853.0766 Sta 9308+84.94

Ending chain FRNP02 description

Beginning chain JMLP description
 Curve Data
 Curve JMLP-1
 P.I. Station 9207+66.05 N 811,842.0209 E 1,957,610.9389
 Delta = 44° 04' 39.46" (RT)
 Degree = 9° 21' 43.40"
 Tangent = 247.7464
 Length = 470.8114
 Radius = 612.0000
 External = 48.2441
 Long Chord = 459.2872
 Mid. Ord. = 44.7189
 P.C. Station 9205+18.30 N 811,867.1245 E 1,957,364.4676
 P.T. Station 9209+89.11 N 811,652.5331 E 1,957,770.5405
 C.C. N 811,258.2744 E 1,957,302.4550
 Back = S 84° 11' 03.71" E
 Ahead = S 40° 06' 24.25" E
 Chord Bear = S 62° 08' 43.98" E
 Course from PT JMLP-1 to PC JMLP-2 S 40° 06' 24.25" E Dist 200.0000

Curve Data
 Curve JMLP-2
 P.I. Station 9211+93.79 N 811,495.9839 E 1,957,902.3987
 Delta = 2° 01' 30.76" (LT)
 Degree = 0° 29' 41.19"
 Tangent = 204.6809
 Length = 409.3191
 Radius = 11,580.1560
 External = 1.8087
 Long Chord = 409.2978
 Mid. Ord. = 1.8085
 P.C. Station 9209+89.11 N 811,652.5331 E 1,957,770.5405
 P.T. Station 9213+98.43 N 811,344.1922 E 1,958,039.7069
 C.C. N 819,112.6268 E 1,966,627.5725
 Back = S 40° 06' 24.25" E
 Ahead = S 42° 07' 55.01" E
 Chord Bear = S 41° 07' 09.63" E
 Course from PT JMLP-2 to JMLP002 S 42° 07' 55.01" E Dist 440.0000

Point JMLP002 N 811,017.8873 E 1,958,334.8766 Sta 9218+38.43

Course from JMLP002 to PC JMLP-3 S 42° 07' 55.01" E Dist 3,177.2901

Curve Data
 Curve JMLP-3
 P.I. Station 9250+95.74 N 808,602.2634 E 1,960,520.0082
 Delta = 1° 54' 36.18" (LT)
 Degree = 1° 11' 37.18"
 Tangent = 80.0154
 Length = 160.0160
 Radius = 4,800.0000
 External = 0.6669
 Long Chord = 160.0085
 Mid. Ord. = 0.6668
 P.C. Station 9250+15.72 N 808,661.6029 E 1,960,466.3306
 P.T. Station 9251+75.74 N 808,541.1677 E 1,960,571.6781
 C.C. N 805,441.5698 E 1,956,906.6415
 Back = S 42° 07' 55.01" E
 Ahead = S 40° 13' 18.83" E
 Chord Bear = S 41° 10' 36.92" E
 Course from PT JMLP-3 to PC JMLP-4 S 40° 13' 18.83" E Dist 200.0000

Curve Data
 Curve JMLP-4
 P.I. Station 9254+55.75 N 808,327.3621 E 1,960,752.4979
 Delta = 1° 54' 36.18" (LT)
 Degree = 1° 11' 37.18"
 Tangent = 80.0154
 Length = 160.0160
 Radius = 4,800.0000
 External = 0.6669
 Long Chord = 160.0085
 Mid. Ord. = 0.6668
 P.C. Station 9253+75.74 N 808,388.4578 E 1,960,700.8280
 P.T. Station 9255+35.75 N 808,268.0226 E 1,960,806.1754
 C.C. N 811,488.0557 E 1,964,365.8646
 Back = S 40° 13' 18.83" E
 Ahead = S 42° 07' 55.01" E
 Chord Bear = S 41° 10' 36.92" E
 Course from PT JMLP-4 to PC JMLP-5 S 42° 07' 55.01" E Dist 2,531.1074

JAMIL (JMLP)

Curve Data
 Curve JMLP-5
 P.I. Station 9282+00.50 N 806,291.8397 E 1,962,593.7962
 Delta = 3° 11' 22.67" (RT)
 Degree = 1° 11' 37.18"
 Tangent = 133.6415
 Length = 267.2139
 Radius = 4,800.0000
 External = 1.8601
 Long Chord = 267.1794
 Mid. Ord. = 1.8593
 P.C. Station 9280+66.86 N 806,390.9485 E 1,962,504.1441
 P.T. Station 9283+34.07 N 806,187.8962 E 1,962,677.7949
 C.C. N 803,170.9154 E 1,958,944.4550
 Back = S 42° 07' 55.01" E
 Ahead = S 38° 56' 32.34" E
 Chord Bear = S 40° 32' 13.68" E
 Course from PT JMLP-5 to PC JMLP-6 S 38° 56' 32.34" E Dist 200.0000

Curve Data
 Curve JMLP-6
 P.I. Station 9286+67.71 N 805,928.3968 E 1,962,887.5011
 Delta = 3° 11' 22.67" (LT)
 Degree = 1° 11' 37.18"
 Tangent = 133.6415
 Length = 267.2139
 Radius = 4,800.0000
 External = 1.8601
 Long Chord = 267.1794
 Mid. Ord. = 1.8593
 P.C. Station 9285+34.07 N 806,032.3404 E 1,962,803.5024
 P.T. Station 9288+01.29 N 805,829.2881 E 1,962,977.1532
 C.C. N 809,049.3212 E 1,966,536.8423
 Back = S 38° 56' 32.34" E
 Ahead = S 42° 07' 55.01" E
 Chord Bear = S 40° 32' 13.68" E
 Course from PT JMLP-6 to PC JMLP-7 S 42° 07' 55.01" E Dist 115.3280

Curve Data
 Curve JMLP-7
 P.I. Station 9292+58.54 N 805,490.1865 E 1,963,283.8986
 Delta = 62° 21' 47.19" (RT)
 Degree = 10° 08' 27.05"
 Tangent = 341.9276
 Length = 614.9695
 Radius = 565.0000
 External = 95.4086
 Long Chord = 585.0593
 Mid. Ord. = 81.6250
 P.C. Station 9289+16.61 N 805,743.7606 E 1,963,054.5199
 P.T. Station 9295+31.58 N 805,169.3540 E 1,963,165.6572
 C.C. N 805,364.7359 E 1,962,635.5148
 Back = S 42° 07' 55.01" E
 Ahead = S 20° 13' 52.18" W
 Chord Bear = S 10° 57' 01.42" E
 Course from PT JMLP-7 to JMLP003 S 20° 13' 52.18" W Dist 168.4157

Point JMLP003 N 805,011.3288 E 1,963,107.4176 Sta 9297+00.00

Ending chain JMLP description

Curve Data
 Curve BEATTY (BEATTY001P)
 Beginning chain BEATTY001P description
 Point BEATTYP100 N 808,778.4805 E 1,960,670.7447 Sta 10+00.00
 Course from BEATTYP100 to PC BEATTY001P-1 N 47° 52' 04.99" E Dist 77.0353

Curve Data
 Curve BEATTY001P-1
 P.I. Station 11+20.28 N 808,859.1723 E 1,960,759.9481
 Delta = 46° 46' 35.34" (RT)
 Degree = 57° 17' 44.81"
 Tangent = 43.2495
 Length = 81.6404
 Radius = 100.0000
 External = 8.9519
 Long Chord = 79.3919
 Mid. Ord. = 8.2164
 P.C. Station 10+77.04 N 808,830.1588 E 1,960,727.8742
 P.T. Station 11+58.68 N 808,855.6703 E 1,960,803.0556
 C.C. N 808,755.9987 E 1,960,794.9582
 Back = N 47° 52' 04.99" E
 Ahead = S 85° 21' 19.68" E
 Chord Bear = N 71° 15' 22.66" E
 Course from PT BEATTY001P-1 to BEATTYP101 S 85° 21' 19.68" E Dist 289.1368
 Point BEATTYP101 N 808,832.2578 E 1,961,091.2430 Sta 14+47.81

Ending chain BEATTY001P description


Curve Data
 Curve STONEMARK (STONEMARK001P)
 Beginning chain STONEMARK001P description
 Point STONEMARKKP100 N 810,822.2480 E 1,958,821.9879 Sta 10+00.00
 Course from STONEMARKKP100 to STONEMARKP101 N 48° 15' 03.44" E Dist 231.6654
 Point STONEMARKP101 N 810,976.5069 E 1,958,994.8262 Sta 12+31.67

Ending chain STONEMARK001P description


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
		09-30-2019			
NA	FERNANDINA RD. (FRNP02) UPDATED	04-08-2020			
NA	ADDED STONEMARK AND BEATTY	04-08-2020			


PLANS PREPARED BY



PLANS PREPARED FOR



South Carolina Department of Transportation



CAROLINA CROSSROADS

REFERENCE DATA SHEET

FED. RD. DIV. NO.	STATE	COUNTY	FILE NO.	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON/RICHLAND	PO39720	1251-201-125	5U

ST. ANDREWS (SAN001P)

Beginning chain SAN001P description
 =====
 Point SANP001 N 804,714.5391 E 1,962,353.0819 Sta 10+00.00
 Course from SANP001 to PC SAN001P-1 S 85° 34' 04.03" E Dist 261.4426
 Curve Data

 Curve SAN001P-1
 P.I. Station 14+65.69 N 804,678.5510 E 1,962,817.3751
 Delta = 23° 10' 00.57" (RT)
 Degree = 5° 44' 59.76"
 Tangent = 204.2432
 Length = 402.9060
 Radius = 996.4600
 External = 20.7164
 Long Chord = 400.1670
 Mid. Ord. = 20.2945
 P.C. Station 12+61.44 N 804,694.3349 E 1,962,613.7426
 P.T. Station 16+64.35 N 804,583.9290 E 1,962,998.3778
 C.C. N 803,700.8548 E 1,962,536.7366
 Back = S 85° 34' 04.03" E
 Ahead = S 62° 24' 03.46" E
 Chord Bear = S 73° 59' 03.75" E
 Course from PT SAN001P-1 to PC SAN001P-2 S 62° 24' 03.46" E Dist 127.1535
 Curve Data

 Curve SAN001P-2
 P.I. Station 23+01.54 N 804,288.7302 E 1,963,563.0641
 Delta = 47° 59' 11.07" (LT)
 Degree = 4° 59' 59.77"
 Tangent = 510.0380
 Length = 959.7402
 Radius = 1,145.9300
 External = 108.3803
 Long Chord = 931.9351
 Mid. Ord. = 99.0156
 P.C. Station 17+91.50 N 804,525.0212 E 1,963,111.0626
 P.T. Station 27+51.24 N 804,466.4098 E 1,964,041.1528
 C.C. N 805,540.5574 E 1,963,641.9504
 Back = S 62° 24' 03.46" E
 Ahead = N 69° 36' 45.47" E
 Chord Bear = S 86° 23' 39.00" E
 Course from PT SAN001P-2 to PC SAN001P-3 N 69° 36' 45.47" E Dist 502.5764
 Curve Data

 Curve SAN001P-3
 P.I. Station 35+27.98 N 804,736.9993 E 1,964,769.2372
 Delta = 21° 40' 14.72" (LT)
 Degree = 3° 59' 59.82"
 Tangent = 274.1640
 Length = 541.7757
 Radius = 1,432.4125
 External = 26.0015
 Long Chord = 538.5521
 Mid. Ord. = 25.5380
 P.C. Station 32+53.82 N 804,641.4900 E 1,964,512.2472
 P.T. Station 37+95.59 N 804,920.6575 E 1,964,972.7946
 C.C. N 805,984.1745 E 1,964,013.2442
 Back = N 69° 36' 45.47" E
 Ahead = N 47° 56' 30.75" E
 Chord Bear = N 58° 46' 38.11" E
 Course from PT SAN001P-3 to PC SAN001P-4 N 47° 56' 30.75" E Dist 209.5251
 Curve Data

 Curve SAN001P-4
 P.I. Station 42+43.01 N 805,220.3730 E 1,965,304.9842
 Delta = 9° 29' 35.92" (RT)
 Degree = 1° 59' 59.65"
 Tangent = 237.8890
 Length = 474.6890
 Radius = 2,864.9300
 External = 9.8596
 Long Chord = 474.1462
 Mid. Ord. = 9.8258
 P.C. Station 40+05.12 N 805,061.0150 E 1,965,128.3598
 P.T. Station 44+79.81 N 805,348.4176 E 1,965,505.4730
 C.C. N 802,933.9029 E 1,967,047.5310
 Back = N 47° 56' 30.75" E
 Ahead = N 57° 26' 06.68" E
 Chord Bear = N 52° 41' 18.71" E
 Course from PT SAN001P-4 to SANP002 N 57° 26' 06.68" E Dist 186.1385
 Point SANP002 N 805,448.6072 E 1,965,662.3473 Sta 46+65.95
 =====
 Ending chain SAN001P description

ST. ANDREWS RAMP B (SANRB0P)

Beginning chain SANRB0P description
 =====
 Curve Data

 Curve SANRB0P-1
 P.I. Station 4280+65.67 N 806,306.3956 E 1,962,650.7477
 Delta = 3° 34' 18.55" (RT)
 Degree = 1° 25' 36.08"
 Tangent = 125.2193
 Length = 250.3575
 Radius = 4,016.0000
 External = 1.9517
 Long Chord = 250.3169
 Mid. Ord. = 1.9508
 P.C. Station 4279+40.45 N 806,399.2585 E 1,962,566.7456
 P.T. Station 4281+90.81 N 806,208.4798 E 1,962,728.8013
 C.C. N 803,705.1641 E 1,959,588.4723
 Back = S 42° 07' 55.01" E
 Ahead = S 38° 33' 36.46" E
 Chord Bear = S 40° 20' 45.74" E
 Course from PT SANRB0P-1 to PC SANRB0P-2 S 38° 33' 36.46" E Dist 200.0000
 Curve Data

 Curve SANRB0P-2
 P.I. Station 4285+15.03 N 805,954.9534 E 1,962,930.9002
 Delta = 3° 34' 18.55" (LT)
 Degree = 1° 26' 17.33"
 Tangent = 124.2215
 Length = 248.3626
 Radius = 3,984.0000
 External = 1.9361
 Long Chord = 248.3224
 Mid. Ord. = 1.9352
 P.C. Station 4283+90.81 N 806,052.0889 E 1,962,853.4685
 P.T. Station 4286+39.17 N 805,862.8304 E 1,963,014.2330
 C.C. N 808,535.4580 E 1,965,968.7749
 Back = S 38° 33' 36.46" E
 Ahead = S 42° 07' 55.01" E
 Chord Bear = S 40° 20' 45.74" E
 Course from PT SANRB0P-2 to PC SANRB0P-3 S 42° 07' 55.01" E Dist 318.0000
 Curve Data

 Curve SANRB0P-3
 P.I. Station 4292+06.34 N 805,442.2151 E 1,963,394.7144
 Delta = 11° 23' 00.89" (RT)
 Degree = 2° 17' 30.59"
 Tangent = 249.1714
 Length = 496.7024
 Radius = 2,500.0000
 External = 12.3866
 Long Chord = 495.8859
 Mid. Ord. = 12.3255
 P.C. Station 4289+57.17 N 805,627.0010 E 1,963,227.5602
 P.T. Station 4294+53.88 N 805,228.0719 E 1,963,522.1079
 C.C. N 803,949.9004 E 1,961,373.5554
 Back = S 42° 07' 55.01" E
 Ahead = S 30° 44' 54.12" E
 Chord Bear = S 36° 26' 24.57" E
 Course from PT SANRB0P-3 to PC SANRB0P-4 S 30° 44' 54.12" E Dist 547.0884
 Curve Data

 Curve SANRB0P-4
 P.I. Station 4301+01.81 N 804,671.2223 E 1,963,853.3771
 Delta = 36° 02' 27.22" (LT)
 Degree = 18° 28' 57.03"
 Tangent = 100.8474
 Length = 195.0000
 Radius = 310.0000
 External = 15.9911
 Long Chord = 191.8010
 Mid. Ord. = 15.2067
 P.C. Station 4300+00.96 N 804,757.8927 E 1,963,801.8170
 P.T. Station 4301+95.96 N 804,631.4769 E 1,963,946.0621
 C.C. N 804,916.3859 E 1,964,068.2375
 Back = S 30° 44' 54.12" E
 Ahead = S 66° 47' 21.34" E
 Chord Bear = S 48° 46' 07.73" E
 Curve Data

 Curve SANRB0P-5
 P.I. Station 4303+29.01 N 804,579.0422 E 1,964,068.3381
 Delta = 18° 39' 19.30" (LT)
 Degree = 7° 04' 24.79"
 Tangent = 133.0444
 Length = 263.7340
 Radius = 810.0000
 External = 10.8537
 Long Chord = 262.5705
 Mid. Ord. = 10.7102
 P.C. Station 4301+95.96 N 804,631.4769 E 1,963,946.0621
 P.T. Station 4304+59.70 N 804,568.4754 E 1,964,200.9623
 C.C. N 805,375.9167 E 1,964,265.2946
 Back = S 66° 47' 21.34" E
 Ahead = S 85° 26' 40.64" E
 Chord Bear = S 76° 07' 00.99" E

Curve Data

Curve SANRB0P-6
 P.I. Station 4306+54.64 N 804,552.9929 E 1,964,395.2855
 Delta = 27° 03' 48.82" (LT)
 Degree = 7° 04' 24.79"
 Tangent = 194.9390
 Length = 382.6021
 Radius = 810.0000
 External = 23.1274
 Long Chord = 379.0552
 Mid. Ord. = 22.4854
 P.C. Station 4304+59.70 N 804,568.4754 E 1,964,200.9623
 P.T. Station 4308+42.30 N 804,627.6185 E 1,964,575.3750
 C.C. N 805,375.9167 E 1,964,265.2946
 Back = S 85° 26' 40.64" E
 Ahead = N 67° 29' 30.54" E
 Chord Bear = N 81° 01' 24.95" E
 =====
 Ending chain SANRB0P description

ST. ANDREWS RAMP D (SANRD0P)

Beginning chain SANRD0 description
 =====
 Curve Data

 Curve SANRD0-1
 P.I. Station 6306+63.86 N 804,545.2300 E 1,964,570.8488
 Delta = 73° 40' 38.17" (LT)
 Degree = 29° 50' 29.59"
 Tangent = 143.8364
 Length = 246.8949
 Radius = 192.0000
 External = 47.9019
 Long Chord = 230.2323
 Mid. Ord. = 38.3372
 P.C. Station 6305+20.02 N 804,651.7334 E 1,964,667.5232
 P.T. Station 6307+66.92 N 804,422.5197 E 1,964,645.8892
 C.C. N 804,522.6875 E 1,964,809.6892
 Back = S 42° 13' 49.55" W
 Ahead = S 31° 26' 48.62" E
 Chord Bear = S 5° 23' 30.47" W
 Course from PT SANRD0-1 to PC SANRD0-2 S 31° 26' 48.62" E Dist 480.4122
 Curve Data

 Curve SANRD0-2
 P.I. Station 6313+95.36 N 803,886.3747 E 1,964,973.7554
 Delta = 6° 46' 39.28" (LT)
 Degree = 2° 17' 30.59"
 Tangent = 148.0364
 Length = 295.7276
 Radius = 2,500.0000
 External = 4.3791
 Long Chord = 295.5552
 Mid. Ord. = 4.3715
 P.C. Station 6312+47.33 N 804,012.6682 E 1,964,896.5237
 P.T. Station 6315+43.06 N 803,770.0783 E 1,965,065.3520
 C.C. N 805,316.9363 E 1,967,029.3352
 Back = S 31° 26' 48.62" E
 Ahead = S 38° 13' 27.90" E
 Chord Bear = S 34° 50' 08.26" E
 Course from PT SANRD0-2 to PC SANRD0-3 S 38° 13' 27.90" E Dist 913.0815
 Curve Data

 Curve SANRD0-3
 P.I. Station 6325+44.25 N 802,983.5455 E 1,965,684.8352
 Delta = 16° 23' 09.72" (LT)
 Degree = 9° 21' 43.40"
 Tangent = 88.1144
 Length = 175.0260
 Radius = 612.0000
 External = 6.3107
 Long Chord = 174.4302
 Mid. Ord. = 6.2463
 P.C. Station 6324+56.14 N 803,052.7676 E 1,965,630.3150
 P.T. Station 6326+31.16 N 802,932.5155 E 1,965,756.6690
 C.C. N 803,431.4384 E 1,966,111.0981
 Back = S 38° 13' 27.90" E
 Ahead = S 54° 36' 37.62" E
 Chord Bear = S 46° 25' 02.76" E
 Course from PT SANRD0-3 to PC SANRD0-4 S 54° 36' 37.62" E Dist 208.2500
 Curve Data

 Curve SANRD0-4
 P.I. Station 6330+69.97 N 802,678.3899 E 1,966,114.3966
 Delta = 34° 39' 13.87" (RT)
 Degree = 7° 45' 11.34"
 Tangent = 230.5539
 Length = 446.9648
 Radius = 739.0000
 External = 35.1293
 Long Chord = 440.1832
 Mid. Ord. = 33.5351
 P.C. Station 6328+39.41 N 802,811.9112 E 1,965,926.4413
 P.T. Station 6332+86.38 N 802,461.6805 E 1,966,193.0865
 C.C. N 802,209.4537 E 1,965,498.4624
 Back = S 54° 36' 37.62" E
 Ahead = S 19° 57' 23.75" E
 Chord Bear = S 37° 17' 00.68" E
 Course from PT SANRD0-4 to PC SANRD0-5 S 19° 57' 23.75" E Dist 350.8595
 Curve Data

 Curve SANRD0-5
 P.I. Station 6337+98.02 N 801,980.7631 E 1,966,367.7137
 Delta = 18° 16' 04.15" (LT)
 Degree = 5° 43' 46.48"
 Tangent = 160.7811
 Length = 318.8336
 Radius = 1,000.0000
 External = 12.8428
 Long Chord = 317.4848
 Mid. Ord. = 12.6800
 P.C. Station 6336+37.24 N 802,131.8895 E 1,966,312.8378
 P.T. Station 6339+56.07 N 801,854.4545 E 1,966,467.1959
 C.C. N 802,473.1977 E 1,967,252.7892
 Back = S 19° 57' 23.75" E
 Ahead = S 38° 13' 27.90" E
 Chord Bear = S 29° 05' 25.82" E
 =====
 Ending chain SANRD0 description

EVELYN (EVEL001P)

Beginning chain EVEL001P description
 =====
 Point PEVEL00100 N 806,861.2187 E 1,962,405.0665 Sta 10+00.00
 Course from PEVEL00100 to PC EVEL001P-1 N 67° 52' 04.99" E Dist 99.2982
 Curve Data

 Curve EVEL001P-1
 P.I. Station 11+46.72 N 806,916.4935 E 1,962,540.9744
 Delta = 5° 25' 47.58" (RT)
 Degree = 5° 43' 46.48"
 Tangent = 47.4202
 Length = 94.7694
 Radius = 1,000.0000
 External = 1.1237
 Long Chord = 94.7339
 Mid. Ord. = 1.1224
 P.C. Station 10+99.30 N 806,898.6284 E 1,962,497.0482
 P.T. Station 11+94.07 N 806,930.1218 E 1,962,586.3940
 C.C. N 805,972.3097 E 1,962,873.7891
 Back = N 67° 52' 04.99" E
 Ahead = N 73° 17' 52.57" E
 Chord Bear = N 70° 34' 58.78" E
 Course from PT EVEL001P-1 to PEVEL00101 N 73° 17' 52.57" E Dist 253.7394
 Point PEVEL00101 N 807,003.0453 E 1,962,829.4288 Sta 14+47.81
 =====
 Ending chain EVEL001P description

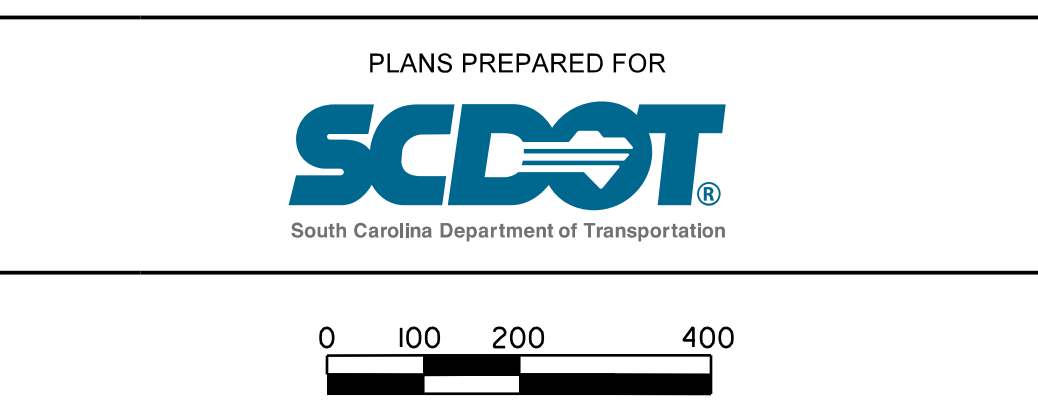
WOODLAND HILLS RD. (WHR)

Beginning chain WHR description
 =====
 Point WHR001 N 804,402.1201 E 1,963,772.7787 Sta 91+00.00
 Course from WHR001 to PC WHR-1 S 4° 07' 03.10" E Dist 375.4572
 Curve Data

 Curve WHR-1
 P.I. Station 95+14.12 N 803,989.0653 E 1,963,802.5139
 Delta = 15° 43' 29.95" (RT)
 Degree = 20° 27' 46.00"
 Tangent = 38.6664
 Length = 76.9468
 Radius = 280.0000
 External = 2.6572
 Long Chord = 76.6058
 Mid. Ord. = 2.6322
 P.C. Station 94+75.46 N 804,027.6319 E 1,963,799.7375
 P.T. Station 95+52.30 N 803,951.1897 E 1,963,794.7340
 C.C. N 804,007.5272 E 1,963,520.4603
 Back = S 4° 07' 03.10" E
 Ahead = S 11° 36' 26.85" W
 Chord Bear = S 3° 44' 41.88" W
 Course from PT WHR-1 to WHR002 S 11° 36' 26.85" W Dist 71.3107
 Point WHR002 N 803,881.3374 E 1,963,780.3859 Sta 96+23.61
 =====
 Ending chain WHR description

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TRACT(S)	ISSUED FOR	DATE	TRACT(S)	ISSUED FOR	DATE
		11-01-2019			
NA	ADDED WOODLAND HILLS RD (WHR)	01-13-2020			



CAROLINA CROSSROADS

REFERENCE DATA SHEET

FED. RD. DIST. NO.	STATE	COUNTY	FILE NO.	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON/RICHLAND	PO39720	1261-201-125	5W

126 CD EAST (126CDE)

Beginning chain 126CDE description

Curve Data

Curve 126CDE-1
P.I. Station 8341+22.72 N 801,622.43 E 1,966,479.37
Delta = 8° 51' 25.05" (RT)
Degree = 0° 40' 43.90"
Tangent = 653.64
Length = 1,304.68
Radius = 8,440.00
External = 25.27
Long Chord = 1,303.38
Mid. Ord. = 25.20
P.C. Station 8334+69.08 N 802,135.93 E 1,966,074.93
P.T. Station 8347+73.76 N 801,052.78 E 1,966,799.92
C.C. N 796,913.73 E 1,959,444.53
Back = S 38° 13' 27.90" E
Ahead = S 29° 22' 02.85" E
Chord Bear = S 33° 47' 45.37" E
Course from PT 126CDE-1 to PC 126CDE-2 S 29° 22' 02.85" E Dist 269.26

Curve Data

Curve 126CDE-2
P.I. Station 8353+11.38 N 800,584.26 E 1,967,063.57
Delta = 21° 42' 05.57" (LT)
Degree = 4° 05' 33.20"
Tangent = 268.35
Length = 530.27
Radius = 1,400.00
External = 25.49
Long Chord = 527.10
Mid. Ord. = 25.03
P.C. Station 8350+43.02 N 800,818.12 E 1,966,931.97
P.T. Station 8355+73.29 N 800,415.63 E 1,967,272.32
C.C. N 801,504.69 E 1,968,152.06
Back = S 29° 22' 02.85" E
Ahead = S 51° 04' 08.41" E
Chord Bear = S 40° 13' 05.63" E
Course from PT 126CDE-2 to PC 126CDE-3 S 51° 04' 08.41" E Dist 453.90

Curve Data

Curve 126CDE-3
P.I. Station 8361+82.57 N 800,032.77 E 1,967,746.28
Delta = 8° 25' 23.32" (RT)
Degree = 2° 42' 55.58"
Tangent = 155.38
Length = 310.19
Radius = 2,110.00
External = 5.71
Long Chord = 309.92
Mid. Ord. = 5.70
P.C. Station 8360+27.20 N 800,130.41 E 1,967,625.42
P.T. Station 8363+37.39 N 799,918.48 E 1,967,851.55
C.C. N 798,489.03 E 1,966,299.53
Back = S 51° 04' 08.41" E
Ahead = S 42° 38' 45.10" E
Chord Bear = S 46° 51' 26.75" E
Course from PT 126CDE-3 to PC 126CDE-4 S 42° 38' 45.10" E Dist 497.00

Curve Data

Curve 126CDE-4
P.I. Station 8371+10.33 N 799,349.94 E 1,968,375.19
Delta = 15° 42' 40.49" (RT)
Degree = 2° 51' 53.24"
Tangent = 275.94
Length = 548.43
Radius = 2,000.00
External = 18.95
Long Chord = 546.71
Mid. Ord. = 18.77
P.C. Station 8368+34.39 N 799,552.91 E 1,968,188.25
P.T. Station 8373+82.82 N 799,103.93 E 1,968,500.18
C.C. N 798,197.98 E 1,966,717.14
Back = S 42° 38' 45.10" E
Ahead = S 26° 56' 04.60" E
Chord Bear = S 34° 47' 24.85" E
Course from PT 126CDE-4 to PC 126CDE-5 S 26° 56' 04.60" E Dist 461.35

Curve Data

Curve 126CDE-5
P.I. Station 8381+49.41 N 798,420.49 E 1,968,847.43
Delta = 24° 35' 58.56" (LT)
Degree = 4° 05' 33.20"
Tangent = 305.24
Length = 601.08
Radius = 1,400.00
External = 32.89
Long Chord = 596.48
Mid. Ord. = 32.14
P.C. Station 8378+44.17 N 798,692.62 E 1,968,709.16
P.T. Station 8384+45.25 N 798,230.61 E 1,969,086.43
C.C. N 799,326.78 E 1,969,957.30
Back = S 26° 56' 04.60" E
Ahead = S 51° 32' 03.16" E
Chord Bear = S 39° 14' 03.88" E
Course from PT 126CDE-5 to PC 126CDE-6 S 51° 32' 03.16" E Dist 962.56

Curve Data

Curve 126CDE-6
P.I. Station 8396+73.53 N 797,466.56 E 1,970,048.15
Delta = 15° 08' 11.60" (RT)
Degree = 2° 51' 53.24"
Tangent = 265.73
Length = 528.37
Radius = 2,000.00
External = 17.58
Long Chord = 526.83
Mid. Ord. = 17.42
P.C. Station 8394+07.80 N 797,631.86 E 1,969,840.09
P.T. Station 8399+36.17 N 797,252.67 E 1,970,205.84
C.C. N 796,065.90 E 1,968,596.00
Back = S 51° 32' 03.16" E
Ahead = S 36° 23' 51.56" E
Chord Bear = S 43° 57' 57.36" E

Ending chain 126CDE description

BUSH RIVER RD. (BSH001P)

Beginning chain BSH001P description

Curve Data

Curve BSH001P-1
P.I. Station 19+17.57 N 800,264.62 E 1,962,341.23
Delta = 12° 15' 24.44" (LT)
Degree = 1° 59' 59.65"
Tangent = 307.61
Length = 612.87
Radius = 2,864.93
External = 16.47
Long Chord = 611.70
Mid. Ord. = 16.37
P.C. Station 16+09.96 N 800,456.42 E 1,962,100.74
P.T. Station 22+22.83 N 800,128.23 E 1,962,616.95
C.C. N 802,696.19 E 1,963,887.16
Back = S 51° 25' 28.26" E
Ahead = S 63° 40' 52.70" E
Chord Bear = S 57° 33' 10.48" E
Course from PT BSH001P-1 to PC BSH001P-2 S 63° 40' 52.70" E Dist 1,041.00

Curve Data

Curve BSH001P-2
P.I. Station 36+86.32 N 799,479.38 E 1,963,928.73
Delta = 8° 26' 03.56" (LT)
Degree = 0° 59' 59.95"
Tangent = 422.48
Length = 843.44
Radius = 5,729.65
External = 15.56
Long Chord = 842.68
Mid. Ord. = 15.51
P.C. Station 32+63.83 N 799,666.69 E 1,963,550.04
P.T. Station 41+07.27 N 799,349.63 E 1,964,330.80
C.C. N 804,802.42 E 1,966,090.36
Back = S 63° 40' 52.70" E
Ahead = S 72° 06' 56.25" E
Chord Bear = S 67° 53' 54.48" E
Course from PT BSH001P-2 to PC BSH001P-3 S 72° 06' 56.25" E Dist 141.43

Curve Data

Curve BSH001P-3
P.I. Station 48+41.74 N 799,124.08 E 1,965,029.78
Delta = 34° 29' 48.75" (LT)
Degree = 2° 59' 58.75"
Tangent = 593.04
Length = 1,150.03
Radius = 1,910.08
External = 89.95
Long Chord = 1,132.74
Mid. Ord. = 85.90
P.C. Station 42+48.70 N 799,306.20 E 1,964,465.40
P.T. Station 53+98.73 N 799,293.63 E 1,965,598.06
C.C. N 801,123.98 E 1,965,051.98
Back = S 72° 06' 56.25" E
Ahead = N 73° 23' 14.99" E
Chord Bear = S 89° 21' 50.63" E
Course from PT BSH001P-3 to PC BSH001P-4 N 73° 23' 14.99" E Dist 720.50

Curve Data

Curve BSH001P-4
P.I. Station 63+47.79 N 799,564.96 E 1,966,507.51
Delta = 6° 50' 53.72" (RT)
Degree = 1° 29' 59.84"
Tangent = 228.55
Length = 456.56
Radius = 3,819.83
External = 6.83
Long Chord = 456.29
Mid. Ord. = 6.82
P.C. Station 61+19.23 N 799,499.62 E 1,966,288.49
P.T. Station 65+75.80 N 799,603.72 E 1,966,732.75
C.C. N 795,839.23 E 1,967,380.57
Back = N 73° 23' 14.99" E
Ahead = N 80° 14' 08.72" E
Chord Bear = N 76° 48' 41.86" E
Course from PT BSH001P-4 to PC BSH001P-5 N 80° 14' 08.72" E Dist 310.44

Curve Data

Curve BSH001P-5
P.I. Station 71+36.90 N 799,698.88 E 1,967,285.72
Delta = 20° 18' 07.98" (RT)
Degree = 4° 05' 33.20"
Tangent = 250.67
Length = 496.08
Radius = 1,400.00
External = 22.26
Long Chord = 493.49
Mid. Ord. = 21.92
P.C. Station 68+86.23 N 799,656.37 E 1,967,038.69
P.T. Station 73+82.31 N 799,653.04 E 1,967,532.16
C.C. N 798,276.65 E 1,967,276.12
Back = N 80° 14' 08.72" E
Ahead = S 79° 27' 43.30" E
Chord Bear = S 89° 36' 47.29" E
Course from PT BSH001P-5 to PC BSH001P-6 S 79° 27' 43.30" E Dist 1,728.21

Curve Data

Curve BSH001P-6
P.I. Station 93+83.61 N 799,287.03 E 1,969,499.71
Delta = 12° 58' 59.22" (LT)
Degree = 2° 23' 14.37"
Tangent = 273.09
Length = 543.84
Radius = 2,400.00
External = 15.49
Long Chord = 542.67
Mid. Ord. = 15.39
P.C. Station 91+10.52 N 799,336.97 E 1,969,231.23
P.T. Station 96+54.36 N 799,298.68 E 1,969,772.55
C.C. N 801,696.49 E 1,969,670.16
Back = S 79° 27' 43.30" E
Ahead = N 87° 33' 17.48" E
Chord Bear = S 85° 57' 12.91" E
Course from PT BSH001P-6 to BSH001001 N 87° 33' 17.48" E Dist 435.29
Point BSH001001 N 799,317.25 E 1,970,207.44 Sta 100+89.65

Ending chain BSH001P description

LAWAND DRIVE (LAWAND001P)

Beginning chain LAWAND001P description

Point LAWANDP001 N 797,689.3451 E 1,970,098.2163 Sta 10+00.00
Course from LAWANDP001 to PC LAWAND001P-1 N 25° 14' 57.43" E Dist 31.6768

Curve Data

Curve LAWAND001P-1
P.I. Station 10+55.14 N 797,739.2192 E 1,970,121.7377
Delta = 26° 24' 42.10" (LT)
Degree = 57° 17' 44.81"
Tangent = 23,465.6
Length = 46,097.1
Radius = 100,000.0
External = 2,716.3
Long Chord = 45,690.0
Mid. Ord. = 2,644.4
P.C. Station 10+31.68 N 797,717.9955 E 1,970,111.7283
P.T. Station 10+77.77 N 797,762.6799 E 1,970,121.2617
C.C. N 797,760.6513 E 1,970,021.2823
Back = N 25° 14' 57.43" E
Ahead = N 1° 09' 44.66" W
Chord Bear = N 12° 02' 36.38" E
Course from PT LAWAND001P-1 to LAWANDP002 N 1° 09' 44.66" W Dist 113.7936
Point LAWANDP002 N 797,876.4501 E 1,970,118.9532 Sta 11+91.57

Ending chain LAWAND001P description

MORNINGHILL DRIVE (MORN)

Beginning chain MORN description

Point MORN1 N 799,316.93 E 1,969,357.63 Sta 8999+92.87
Course from MORN1 to PC MORN-1 S 1° 53' 41.38" E Dist 106.35

Curve Data

Curve MORN-1
P.I. Station 9001+92.61 N 799,117.30 E 1,969,364.24
Delta = 13° 19' 01.18" (LT)
Degree = 7° 09' 43.10"
Tangent = 93.39
Length = 185.94
Radius = 800.00
External = 5.43
Long Chord = 185.52
Mid. Ord. = 5.40
P.C. Station 9000+99.22 N 799,210.63 E 1,969,361.15
P.T. Station 9002+85.16 N 799,027.18 E 1,969,388.74
C.C. N 799,237.09 E 1,970,160.71
Back = S 1° 53' 41.38" E
Ahead = S 15° 12' 42.57" E
Chord Bear = S 8° 33' 11.98" E
Course from PT MORN-1 to PC MORN-2 S 15° 12' 42.57" E Dist 592.75

Curve Data

Curve MORN-2
P.I. Station 9011+11.41 N 798,229.88 E 1,969,605.54
Delta = 22° 01' 19.62" (LT)
Degree = 4° 46' 28.73"
Tangent = 233.50
Length = 461.23
Radius = 1,200.00
External = 22.51
Long Chord = 458.40
Mid. Ord. = 22.09
P.C. Station 9008+77.91 N 798,455.20 E 1,969,544.27
P.T. Station 9013+39.14 N 798,043.98 E 1,969,746.82
C.C. N 798,770.06 E 1,970,702.23
Back = S 15° 12' 42.57" E
Ahead = S 37° 14' 02.19" E
Chord Bear = S 26° 13' 22.38" E
Course from PT MORN-2 to PC MORN-3 S 37° 14' 02.19" E Dist 154.16

Curve Data

Curve MORN-3
P.I. Station 9015+95.08 N 797,840.20 E 1,969,901.68
Delta = 15° 15' 24.41" (LT)
Degree = 7° 32' 20.11"
Tangent = 101.79
Length = 202.37
Radius = 760.00
External = 6.79
Long Chord = 201.78
Mid. Ord. = 6.73
P.C. Station 9014+93.29 N 797,921.24 E 1,969,840.09
P.T. Station 9016+95.67 N 797,778.22 E 1,969,982.43
C.C. N 798,381.10 E 1,970,445.19
Back = S 37° 14' 02.19" E
Ahead = S 52° 29' 26.60" E
Chord Bear = S 44° 51' 44.39" E
Course from PT MORN-3 to PC MORN-4 S 52° 29' 26.60" E Dist 338.36

Curve Data

Curve MORN-4
P.I. Station 9021+18.25 N 797,520.92 E 1,970,317.64
Delta = 12° 48' 54.97" (RT)
Degree = 7° 38' 21.97"
Tangent = 84.23
Length = 167.75
Radius = 750.00
External = 4.71
Long Chord = 167.40
Mid. Ord. = 4.69
P.C. Station 9020+34.02 N 797,572.20 E 1,970,250.83
P.T. Station 9022+01.78 N 797,456.09 E 1,970,371.42
C.C. N 796,977.26 E 1,969,794.16
Back = S 52° 29' 26.60" E
Ahead = S 39° 40' 31.63" E
Chord Bear = S 46° 04' 59.11" E
Course from PT MORN-4 to MORN2 S 39° 40' 31.63" E Dist 781.20
Point MORN2 N 796,854.82 E 1,970,870.17 Sta 9029+82.97

Ending chain MORN description

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	PLANS PREPARED BY	PLANS PREPARED FOR	CAROLINA CROSSROADS
		09-30-2019				HDR	SCDOT	
NA	REVISED BSH001P	01-20-2021				STV	South Carolina Department of Transportation	REFERENCE DATA SHEET



126 RAMP D-B (126RDB)		I-26 RAMP C (I26RC)		COLONIAL LIFE RAMP D (COLRD)		FED. RD. DIV. NO.	STATE	COUNTY	FILE NO.	ROADROUTE NO.	SHEET NO.		
Beginning chain 126RDB description		Beginning chain I26RC description		Beginning chain COLRD description		3	S.C.	LEXINGTON/CHLAND	PO39720	I-26-I-26	5X		
Curve Data		Curve Data		Curve Data									
Curve 126RDB-1 P.I. Station 5982+18.95 N 795,993.5452 E 1,968,151.2960 Delta = 12° 00' 00.00" (LT) Degree = 4° 05' 33.20" Tangent = 147.1459 Length = 293.2153 Radius = 1,400.0000 External = 7.7116 Long Chord = 292.6797 Mid. Ord. = 7.6693 P.C. Station 5980+71.80 N 795,856.9996 E 1,968,096.4577 P.T. Station 5983+65.02 N 796,138.5084 E 1,968,176.5466 C.C. N 796,378.7516 E 1,966,797.3137 Back = N 21° 52' 51.57" E Ahead = N 9° 52' 51.57" E Chord Bear = N 15° 52' 51.57" E Course from PT 126RDB-1 to PC 126RDB-2 N 9° 52' 51.57" E Dist 387.4194		Curve 126RC-1 P.I. Station 5404+16.37 N 797,841.6479 E 1,969,118.1219 Delta = 97° 52' 49.04" (RT) Degree = 9° 32' 57.47" Tangent = 688.7665 Length = 1,025.0000 Radius = 600.0000 External = 313.4546 Long Chord = 904.8286 Mid. Ord. = 205.8917 P.C. Station 5397+27.60 N 797,206.4853 E 1,968,851.7241 P.T. Station 5407+52.60 N 797,490.6826 E 1,969,710.7623 C.C. N 796,974.4202 E 1,969,405.0285 Back = N 22° 45' 14.36" E Ahead = S 59° 21' 56.59" E Chord Bear = N 71° 41' 38.88" E		Curve 126RC-6 P.I. Station 5437+13.66 N 795,159.0460 E 1,971,469.6847 Delta = 36° 09' 32.09" (LT) Degree = 2° 52' 13.91" Tangent = 651.6013 Length = 1,259.6598 Radius = 1,996.0000 External = 103.6867 Long Chord = 1,238.8597 Mid. Ord. = 98.5484 P.C. Station 5430+62.06 N 795,718.9561 E 1,971,136.3905 P.T. Station 5443+21.72 N 794,903.6363 E 1,972,069.1429 C.C. N 796,739.9104 E 1,972,851.5197 Back = S 30° 45' 49.71" E Ahead = S 66° 55' 21.79" E Chord Bear = S 48° 50' 35.75" E Course from PT I26RC-6 to RC I26001 S 66° 55' 21.79" E Dist 1,153.8756 Point RC I26001 N 794,451.3490 E 1,973,130.6819 Sta 5454+75.59		Beginning chain COLRD description Point COLRD1000 N 796,056.4313 E 1,971,381.9741 Sta 6033+90.77 Course from COLRD1000 to PC COLRD-1 S 34° 45' 31.39" E Dist 521.5478 Curve Data Curve COLRD-1 P.I. Station 6040+14.92 N 795,543.6573 E 1,971,737.8137 Delta = 10° 39' 26.35" (LT) Degree = 5° 12' 31.35" Tangent = 102.5989 Length = 204.6059 Radius = 1,100.0000 External = 4.7744 Long Chord = 204.3110 Mid. Ord. = 4.7538 P.C. Station 6039+12.32 N 795,627.9484 E 1,971,679.3198 P.T. Station 6041+16.92 N 795,671.6376 E 1,971,810.8869 C.C. N 796,255.0824 E 1,972,583.0360 Back = S 34° 45' 31.39" E Ahead = S 45° 24' 57.74" E Chord Bear = S 40° 05' 14.56" E Course from PT COLRD-1 to PC COLRD-2 S 45° 24' 57.74" E Dist 412.4196 Curve Data		Curve COLRAP-1 P.I. Station 3033+53.89 N 796,086.0212 E 1,971,352.5016 Delta = 97° 39' 03.36" (LT) Degree = 18° 14' 49.43" Tangent = 359.0012 Length = 535.1597 Radius = 314.0000 External = 162.9464 Long Chord = 472.7004 Mid. Ord. = 107.2765 P.C. Station 3029+94.89 N 796,356.0894 E 1,971,115.9747 P.T. Station 3035+30.05 N 796,356.9887 E 1,971,588.6749 C.C. N 796,562.9675 E 1,971,352.1895 Back = S 41° 12' 43.28" E Ahead = N 41° 08' 13.36" E Chord Bear = N 89° 57' 45.04" E Course from PT COLRAP-1 to COLRAP204 N 41° 08' 13.37" E Dist 107.7997 Point COLRAP204 N 796,437.5868 E 1,971,659.5923 Sta 3036+37.85					
Curve 126RDB-2 P.I. Station 5988+18.73 N 796,585.4899 E 1,968,254.4045 Delta = 6° 30' 28.94" (RT) Degree = 4° 54' 49.95" Tangent = 66.2923 Length = 132.4421 Radius = 1,166.0000 External = 1.8830 Long Chord = 132.3709 Mid. Ord. = 1.8800 P.C. Station 5987+52.43 N 796,520.1809 E 1,968,243.0286 P.T. Station 5988+84.88 N 796,649.0886 E 1,968,273.1094 C.C. N 796,320.0926 E 1,969,391.7325 Back = N 9° 52' 51.57" E Ahead = N 16° 23' 20.51" E Chord Bear = N 13° 08' 06.04" E Course from PT 126RDB-2 to PC 126RDB-3 N 16° 23' 20.51" E Dist 319.7680		Curve 126RC-2 P.I. Station 5408+54.67 N 797,438.6697 E 1,969,798.5912 Delta = 9° 35' 47.99" (RT) Degree = 4° 42' 42.57" Tangent = 102.0747 Length = 203.6720 Radius = 1,216.0000 External = 4.2767 Long Chord = 203.4340 Mid. Ord. = 4.2617 P.C. Station 5407+52.60 N 797,490.6826 E 1,969,710.7623 P.T. Station 5409+56.27 N 797,372.7427 E 1,969,876.5199 C.C. N 796,444.3908 E 1,969,091.1418 Back = S 59° 21' 56.59" E Ahead = S 49° 46' 08.60" E Chord Bear = S 54° 34' 02.60" E		Curve COLRD-2 P.I. Station 6046+62.69 N 795,088.5332 E 1,972,199.5957 Delta = 12° 40' 54.73" (LT) Degree = 4° 46' 28.73" Tangent = 133.3491 Length = 265.6085 Radius = 1,200.0000 External = 7.3864 Long Chord = 265.0666 Mid. Ord. = 7.3412 P.C. Station 6045+29.34 N 795,182.1381 E 1,972,104.6215 P.T. Station 6047+94.95 N 795,018.0623 E 1,972,312.8028 C.C. N 796,036.8052 E 1,972,946.9660 Back = S 45° 24' 57.74" E Ahead = S 58° 05' 52.47" E Chord Bear = S 51° 45' 25.10" E		Curve COLSBCO-1 P.I. Station 202+47.35 N 796,163.8136 E 1,971,576.1359 Delta = 16° 26' 20.90" (LT) Degree = 22° 55' 05.92" Tangent = 36.1127 Length = 71.7293 Radius = 250.0000 External = 2.5948 Long Chord = 71.4835 Mid. Ord. = 2.5681 P.C. Station 202+11.23 N 796,130.7693 E 1,971,561.5688 P.T. Station 202+82.96 N 796,199.6295 E 1,971,580.7561 C.C. N 796,231.6139 E 1,971,332.6105 Back = N 23° 47' 22.42" E Ahead = N 7° 21' 01.52" E Chord Bear = N 15° 34' 11.97" E Course from PT COLSBCO-1 to PC COLSBCO-2 N 7° 21' 01.52" E Dist 99.4970							
Curve 126RDB-3 P.I. Station 6015+32.10 N 799,188.7483 E 1,969,020.0436 Delta = 126° 46' 49.42" (RT) Degree = 4° 54' 49.95" Tangent = 2,327.4536 Length = 2,580.0494 Radius = 1,166.0000 External = 1,437.1896 Long Chord = 2,084.9890 Mid. Ord. = 643.7345 P.C. Station 5992+04.64 N 796,955.8638 E 1,968,363.3345 P.T. Station 6017+84.69 N 797,325.8275 E 1,970,415.2375 C.C. N 796,628.8678 E 1,969,481.9576 Back = N 16° 23' 20.51" E Ahead = S 36° 49' 50.07" E Chord Bear = N 79° 46' 45.22" E Course from PT 126RDB-3 to PC 126RDB-4 S 36° 49' 50.07" E Dist 750.4958		Curve 126RC-3 P.I. Station 5412+97.46 N 797,152.3804 E 1,970,136.9980 Delta = 25° 04' 43.76" (RT) Degree = 3° 44' 06.21" Tangent = 341.1868 Length = 671.4441 Radius = 1,534.0000 External = 37.4848 Long Chord = 666.0969 Mid. Ord. = 36.5907 P.C. Station 5409+56.27 N 797,372.7427 E 1,969,876.5199 P.T. Station 5416+27.72 N 796,842.3851 E 1,970,279.5159 C.C. N 796,201.6145 E 1,968,885.7551 Back = S 49° 46' 08.60" E Ahead = S 24° 41' 24.84" E Chord Bear = S 37° 13' 46.72" E Course from PT I26RC-3 to PC I26RC-4 S 24° 41' 24.84" E Dist 237.7250		Curve COLRD-2 P.I. Station 6046+62.69 N 795,088.5332 E 1,972,199.5957 Delta = 12° 40' 54.73" (LT) Degree = 4° 46' 28.73" Tangent = 133.3491 Length = 265.6085 Radius = 1,200.0000 External = 7.3864 Long Chord = 265.0666 Mid. Ord. = 7.3412 P.C. Station 6045+29.34 N 795,182.1381 E 1,972,104.6215 P.T. Station 6047+94.95 N 795,018.0623 E 1,972,312.8028 C.C. N 796,036.8052 E 1,972,946.9660 Back = S 45° 24' 57.74" E Ahead = S 58° 05' 52.47" E Chord Bear = S 51° 45' 25.10" E		Curve COLSBCO-2 P.I. Station 204+30.86 N 796,346.3147 E 1,971,599.6781 Delta = 32° 19' 39.41" (RT) Degree = 34° 18' 31.86" Tangent = 48.4036 Length = 94.2253 Radius = 167.0000 External = 6.8733 Long Chord = 92.9804 Mid. Ord. = 6.6016 P.C. Station 203+82.46 N 796,298.3089 E 1,971,593.4855 P.T. Station 204+76.69 N 796,383.5683 E 1,971,630.5825 C.C. N 796,276.9433 E 1,971,759.1131 Back = N 7° 21' 01.52" E Ahead = N 39° 40' 40.93" E Chord Bear = N 23° 30' 51.23" E Course from PT COLSBCO-2 to PC COLSBCO-3 N 39° 40' 40.93" E Dist 72.8279							
Curve 126RDB-4 P.I. Station 6026+95.24 N 796,597.0174 E 1,970,961.0639 Delta = 11° 04' 50.17" (RT) Degree = 3° 28' 20.90" Tangent = 160.0484 Length = 319.0984 Radius = 1,650.0000 External = 7.7441 Long Chord = 318.6014 Mid. Ord. = 7.7079 P.C. Station 6025+35.19 N 796,725.1219 E 1,970,865.1228 P.T. Station 6028+54.29 N 796,452.8621 E 1,971,030.5961 C.C. N 795,736.0281 E 1,969,544.4436 Back = S 36° 49' 50.07" E Ahead = S 25° 44' 59.90" E Chord Bear = S 31° 17' 24.98" E Course from PT 126RDB-4 to PC 126RDB-5 S 25° 44' 59.90" E Dist 239.1592		Curve 126RC-4 P.I. Station 5420+09.73 N 796,495.2980 E 1,970,439.0865 Delta = 26° 42' 00.19" (LT) Degree = 9° 25' 25.13" Tangent = 144.2858 Length = 283.3303 Radius = 608.0000 External = 16.8859 Long Chord = 280.7736 Mid. Ord. = 16.4296 P.C. Station 5418+65.44 N 796,626.3931 E 1,970,378.8165 P.T. Station 5421+48.77 N 796,405.2620 E 1,970,551.8335 C.C. N 796,880.3621 E 1,970,931.2328 Back = S 24° 41' 24.84" E Ahead = S 51° 23' 25.04" E Chord Bear = S 38° 02' 24.94" E Course from PT I26RC-4 to PC I26RC-5 S 51° 23' 25.04" E Dist 292.1606		Curve COLRD-2 P.I. Station 6046+62.69 N 795,088.5332 E 1,972,199.5957 Delta = 12° 40' 54.73" (LT) Degree = 4° 46' 28.73" Tangent = 133.3491 Length = 265.6085 Radius = 1,200.0000 External = 7.3864 Long Chord = 265.0666 Mid. Ord. = 7.3412 P.C. Station 6045+29.34 N 795,182.1381 E 1,972,104.6215 P.T. Station 6047+94.95 N 795,018.0623 E 1,972,312.8028 C.C. N 796,036.8052 E 1,972,946.9660 Back = S 45° 24' 57.74" E Ahead = S 58° 05' 52.47" E Chord Bear = S 51° 45' 25.10" E		Curve COLSBCO-3 P.I. Station 206+39.13 N 796,508.5966 E 1,971,734.3021 Delta = 19° 51' 25.86" (LT) Degree = 11° 11' 26.09" Tangent = 89.6216 Length = 177.4455 Radius = 512.0000 External = 7.7846 Long Chord = 176.5588 Mid. Ord. = 7.6680 P.C. Station 205+49.51 N 796,439.6198 E 1,971,677.0811 P.T. Station 207+26.96 N 796,592.9088 E 1,971,764.6910 C.C. N 796,766.5179 E 1,971,283.0232 Back = N 39° 40' 40.93" E Ahead = N 19° 49' 15.07" E Chord Bear = N 29° 44' 58.00" E							
Curve 126RDB-5 P.I. Station 6033+14.36 N 796,038.4736 E 1,971,230.4731 Delta = 12° 51' 41.59" (LT) Degree = 2° 55' 23.71" Tangent = 220.9154 Length = 439.9738 Radius = 1,960.0000 External = 12.4106 Long Chord = 439.0507 Mid. Ord. = 12.3325 P.C. Station 6030+93.45 N 796,237.4518 E 1,971,134.4976 P.T. Station 6035+33.42 N 795,865.8515 E 1,971,368.3324 C.C. N 797,088.9636 E 1,972,899.8665 Back = S 25° 44' 59.90" E Ahead = S 38° 36' 41.49" E Chord Bear = S 32° 10' 50.69" E		Curve 126RC-5 P.I. Station 5425+78.14 N 796,137.3326 E 1,970,887.3461 Delta = 20° 37' 35.33" (RT) Degree = 7° 35' 56.08" Tangent = 137.2050 Length = 271.4400 Radius = 754.0000 External = 12.3819 Long Chord = 269.9766 Mid. Ord. = 12.1819 P.C. Station 5424+40.93 N 796,222.9502 E 1,970,780.1320 P.T. Station 5427+12.37 N 796,019.4347 E 1,970,957.5265 C.C. N 795,633.7635 E 1,970,309.6270 Back = S 51° 23' 25.04" E Ahead = S 30° 45' 49.71" E Chord Bear = S 41° 04' 37.37" E Course from PT I26RC-5 to PC I26RC-6 S 30° 45' 49.71" E Dist 349.6852		Curve COLSPURA-1 P.I. Station 3024+98.13 N 796,787.8300 E 1,970,884.1574 Delta = 4° 55' 00.24" (RT) Degree = 1° 25' 56.62" Tangent = 171.7318 Length = 343.2528 Radius = 4,000.0000 External = 3.6848 Long Chord = 343.1475 Mid. Ord. = 3.6814 P.C. Station 3023+26.40 N 796,920.0074 E 1,970,774.5173 P.T. Station 3026+69.65 N 796,646.7420 E 1,970,982.0655 C.C. N 794,366.2549 E 1,967,695.8247 Back = S 39° 40' 31.63" E Ahead = S 34° 45' 31.39" E Chord Bear = S 37° 13' 01.51" E Course from PT COLSPURA-1 to COLSA002 S 34° 45' 31.39" E Dist 560.8284 Point COLSA002 N 796,185.9878 E 1,971,301.8059 Sta 3032+30.48		Curve COLSBCO-3 P.I. Station 206+39.13 N 796,508.5966 E 1,971,734.3021 Delta = 19° 51' 25.86" (LT) Degree = 11° 11' 26.09" Tangent = 89.6216 Length = 177.4455 Radius = 512.0000 External = 7.7846 Long Chord = 176.5588 Mid. Ord. = 7.6680 P.C. Station 205+49.51 N 796,439.6198 E 1,971,677.0811 P.T. Station 207+26.96 N 796,592.9088 E 1,971,764.6910 C.C. N 796,766.5179 E 1,971,283.0232 Back = N 39° 40' 40.93" E Ahead = N 19° 49' 15.07" E Chord Bear = N 29° 44' 58.00" E							
Ending chain 126RDB description		Ending chain I26RC description		Ending chain COLRD description		Ending chain COLSBCO description							
Ending chain 126RDB description		Ending chain I26RC description		Ending chain COLRD description		Ending chain COLSBCO description							
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	PLANS PREPARED BY		PLANS PREPARED FOR		CAROLINA CROSSROADS			
NA	COLONIAL LIFE RAMP D REVISED	09-30-2019				HDR STV		SCDOT South Carolina Department of Transportation		REFERENCE DATA SHEET			
NA	COLRAP, COLSBCO, AND S-2963REL ADDED	08-27-2021						0 100 200 400					

FED. RD. DIV. NO.	STATE	COUNTY	FILE NO.	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON/RICHLAND	PO39720	I-20-I-125	5Y

I-20 CD ROAD EAST (I20CDE1)

Beginning chain I20CDE1 description
 =====
 Curve Data

 Curve I20CDE1-1
 P.I. Station 8097+64.99 N 798,026.8954 E 1,961,546.5099
 Delta = 4° 00' 00.00" (RT)
 Degree = 1° 08' 25.59"
 Tangent = 175.4419
 Length = 350.7414
 Radius = 5,024.0000
 External = 3.0624
 Long Chord = 350.6701
 Mid. Ord. = 3.0605
 P.C. Station 8095+89.55 N 797,901.8247 E 1,961,423.4766
 P.T. Station 8099+40.29 N 798,143.0790 E 1,961,677.9681
 C.C. N 794,378.6108 E 1,965,005.0321
 Back = N 44° 31' 46.27" E
 Ahead = N 48° 31' 46.27" E
 Chord Bear = N 46° 31' 46.27" E
 Course from PT I20CDE1-1 to PC I20CDE1-2 N 48° 31' 46.27" E Dist 55.6159
 =====
 Curve Data

 Curve I20CDE1-2
 P.I. Station 8102+80.93 N 798,368.6619 E 1,961,933.2080
 Delta = 4° 00' 00.00" (LT)
 Degree = 0° 42' 07.14"
 Tangent = 285.0233
 Length = 569.8151
 Radius = 8,162.0000
 External = 4.9751
 Long Chord = 569.6994
 Mid. Ord. = 4.9721
 P.C. Station 8099+95.91 N 798,179.9098 E 1,961,719.6409
 P.T. Station 8105+65.72 N 798,571.8520 E 1,962,133.0882
 C.C. N 804,295.6720 E 1,956,314.4863
 Back = N 48° 31' 46.27" E
 Ahead = N 44° 31' 46.27" E
 Chord Bear = N 46° 31' 46.27" E
 Course from PT I20CDE1-2 to PC I20CDE1-3 N 44° 31' 46.27" E Dist 1,449.1905
 =====
 Curve Data

 Curve I20CDE1-3
 P.I. Station 8121+60.17 N 799,708.5170 E 1,963,251.2375
 Delta = 5° 32' 38.79" (RT)
 Degree = 1° 54' 35.49"
 Tangent = 145.2577
 Length = 290.2888
 Radius = 3,000.0000
 External = 3.5146
 Long Chord = 290.1755
 Mid. Ord. = 3.5105
 P.C. Station 8120+14.91 N 799,604.9643 E 1,963,149.3716
 P.T. Station 8123+05.20 N 799,801.7438 E 1,963,362.6313
 C.C. N 797,501.1343 E 1,965,288.0394
 Back = N 44° 31' 46.27" E
 Ahead = N 50° 04' 25.06" E
 Chord Bear = N 47° 18' 05.66" E
 Course from PT I20CDE1-3 to PC I20CDE1-4 N 50° 04' 25.06" E Dist 316.8677
 =====
 Curve Data

 Curve I20CDE1-4
 P.I. Station 8127+74.79 N 800,103.1300 E 1,963,722.7482
 Delta = 2° 11' 26.35" (LT)
 Degree = 0° 43' 02.18"
 Tangent = 152.7256
 Length = 305.4141
 Radius = 7,988.0000
 External = 1.4599
 Long Chord = 305.3955
 Mid. Ord. = 1.4596
 P.C. Station 8126+22.07 N 800,005.1103 E 1,963,605.6275
 P.T. Station 8129+27.48 N 800,205.5550 E 1,963,836.0365
 C.C. N 806,130.8664 E 1,958,478.9077
 Back = N 50° 04' 25.06" E
 Ahead = N 47° 52' 58.71" E
 Chord Bear = N 48° 58' 41.88" E
 Course from PT I20CDE1-4 to PC I20CDE1-5 N 47° 52' 58.71" E Dist 519.9576
 =====
 Curve Data

 Curve I20CDE1-5
 P.I. Station 8138+76.90 N 800,842.2811 E 1,964,540.2944
 Delta = 24° 14' 18.03" (RT)
 Degree = 2° 51' 53.24"
 Tangent = 429.4629
 Length = 846.0778
 Radius = 2,000.0000
 External = 45.5900
 Long Chord = 839.7829
 Mid. Ord. = 44.5739
 P.C. Station 8134+47.44 N 800,554.2631 E 1,964,221.7289
 P.T. Station 8142+93.52 N 800,974.1273 E 1,964,949.0179
 C.C. N 799,070.7099 E 1,965,563.0231
 Back = N 47° 52' 58.71" E
 Ahead = N 72° 07' 16.74" E
 Chord Bear = N 60° 00' 07.72" E
 =====
 Ending chain I20CDE1 description

BUSH RIVER RAMP G (BSHRG0P)

Beginning chain BSHRG0P description
 =====
 Curve Data

 Point BSHPRG01 N 798,547.6136 E 1,962,142.9105 Sta 5105+39.59
 Course from BSHPRG01 to PC BSHRG0P-1 N 48° 31' 46.27" E Dist 664.5311
 =====
 Curve Data

 Curve BSHRG0P-1
 P.I. Station 5113+40.86 N 799,078.2390 E 1,962,743.2964
 Delta = 25° 40' 33.14" (RT)
 Degree = 9° 32' 57.47"
 Tangent = 136.7345
 Length = 268.8771
 Radius = 600.0000
 External = 15.3831
 Long Chord = 266.6329
 Mid. Ord. = 14.9985
 P.C. Station 5112+04.12 N 798,987.6888 E 1,962,640.8416
 P.T. Station 5114+73.00 N 799,115.4567 E 1,962,874.8683
 C.C. N 798,538.1105 E 1,963,038.1821
 Back = N 48° 31' 46.27" E
 Ahead = N 74° 12' 19.41" E
 Chord Bear = N 61° 22' 02.84" E
 Course from PT BSHRG0P-1 to PC BSHRG0P-2 N 74° 12' 19.41" E Dist 269.5181
 =====
 Curve Data

 Curve BSHRG0P-2
 P.I. Station 5119+91.39 N 799,256.5571 E 1,963,373.6857
 Delta = 53° 56' 48.32" (LT)
 Degree = 11° 43' 00.94"
 Tangent = 248.8718
 Length = 460.4172
 Radius = 489.0000
 External = 59.6877
 Long Chord = 443.5978
 Mid. Ord. = 53.1947
 P.C. Station 5117+42.52 N 799,188.8168 E 1,963,134.2103
 P.T. Station 5122+02.93 N 799,490.0335 E 1,963,459.8596
 C.C. N 799,659.3539 E 1,963,001.1096
 Back = N 74° 12' 19.41" E
 Ahead = N 20° 15' 31.09" E
 Chord Bear = N 47° 13' 55.25" E
 =====
 Curve Data

 Curve BSHRG0P-3
 P.I. Station 5123+80.74 N 799,656.8388 E 1,963,521.4259
 Delta = 99° 41' 47.28" (RT)
 Degree = 38° 11' 49.87"
 Tangent = 177.8044
 Length = 261.0047
 Radius = 150.0000
 External = 82.6251
 Long Chord = 229.3017
 Mid. Ord. = 53.2778
 P.C. Station 5122+02.93 N 799,490.0335 E 1,963,459.8596
 P.T. Station 5124+63.94 N 799,568.0573 E 1,963,675.4787
 C.C. N 799,438.0947 E 1,963,600.5805
 Back = N 20° 15' 31.09" E
 Ahead = S 60° 02' 41.63" E
 Chord Bear = N 70° 06' 24.73" E
 =====
 Ending chain BSHRG0P description

BUSH RIVER RAMP F (BSHRF0P)

Beginning chain BSHRF0P description
 =====
 Curve Data

 Curve BSHRF0P-1
 P.I. Station 4112+57.67 N 799,199.4076 E 1,962,506.3441
 Delta = 11° 18' 19.61" (LT)
 Degree = 2° 51' 53.24"
 Tangent = 197.9600
 Length = 394.6346
 Radius = 2,000.0000
 External = 9.7732
 Long Chord = 393.9947
 Mid. Ord. = 9.7256
 P.C. Station 4110+59.71 N 799,058.2840 E 1,962,367.5193
 P.T. Station 4114+54.34 N 799,365.0079 E 1,962,614.8093
 C.C. N 800,460.8373 E 1,960,941.7409
 Back = N 44° 31' 46.27" E
 Ahead = N 33° 13' 26.66" E
 Chord Bear = N 38° 52' 36.46" E
 Course from PT BSHRF0P-1 to PC BSHRF0P-2 N 33° 13' 26.66" E Dist 480.1800
 =====
 Ending chain BSHRF0P description

Curve Data

Curve BSHRF0P-2
 P.I. Station 4120+49.73 N 799,863.0685 E 1,962,941.0299
 Delta = 83° 05' 40.65" (RT)
 Degree = 44° 04' 25.24"
 Tangent = 115.2058
 Length = 188.5357
 Radius = 130.0000
 External = 43.7020
 Long Chord = 172.4420
 Mid. Ord. = 32.7069
 P.C. Station 4119+34.52 N 799,766.6949 E 1,962,877.9070
 P.T. Station 4121+23.06 N 799,811.9904 E 1,963,044.2937
 C.C. N 799,695.4660 E 1,962,986.6564
 Back = N 33° 13' 26.66" E
 Ahead = S 63° 40' 52.70" E
 Chord Bear = N 74° 46' 16.98" E
 =====
 Ending chain BSHRF0P description

BUSH RIVER RAMP F (BSHRF1P)

Beginning chain BSHRF1P description
 =====
 Curve Data

 Curve BSHRF1P-1
 P.I. Station 4124+69.28 N 799,877.3896 E 1,962,929.4495
 Delta = 89° 28' 47.25" (LT)
 Degree = 45° 50' 11.84"
 Tangent = 123.8702
 Length = 195.2146
 Radius = 125.0000
 External = 50.9796
 Long Chord = 175.9724
 Mid. Ord. = 36.2113
 P.C. Station 4123+45.41 N 799,772.3846 E 1,962,863.7397
 P.T. Station 4125+40.62 N 799,944.0501 E 1,962,825.0455
 C.C. N 799,838.6938 E 1,962,757.7770
 Back = N 32° 02' 14.83" E
 Ahead = N 57° 26' 32.42" W
 Chord Bear = N 12° 42' 08.80" W
 Course from PT BSHRF1P-1 to BSHPRF13 N 57° 26' 32.42" W Dist 112.3873
 Point BSHPRF13 N 800,004.5311 E 1,962,730.3198 Sta 4126+53.01
 =====
 Ending chain BSHRF1P description

BUSH RIVER RAMP H (BSHRH0P)

Beginning chain BSHRH0P description
 =====
 Curve Data

 Curve BSHRH0P-1
 P.I. Station 6124+52.00 N 799,735.4925 E 1,963,550.6768
 Delta = 100° 03' 33.78" (RT)
 Degree = 45° 50' 11.84"
 Tangent = 149.1261
 Length = 218.2957
 Radius = 125.0000
 External = 69.5857
 Long Chord = 191.5944
 Mid. Ord. = 44.7012
 P.C. Station 6123+02.88 N 799,680.5954 E 1,963,689.3307
 P.T. Station 6125+21.17 N 799,862.4261 E 1,963,628.9485
 C.C. N 799,796.8175 E 1,963,735.3464
 Back = N 68° 23' 59.82" W
 Ahead = N 31° 39' 33.96" E
 Chord Bear = N 18° 22' 12.93" W
 =====
 Curve Data

 Curve BSHRH0P-2
 P.I. Station 6128+06.23 N 800,105.0654 E 1,963,778.5684
 Delta = 16° 13' 24.74" (RT)
 Degree = 2° 51' 53.24"
 Tangent = 285.0613
 Length = 566.3084
 Radius = 2,000.0000
 External = 20.2129
 Long Chord = 564.4184
 Mid. Ord. = 20.0106
 P.C. Station 6125+21.17 N 799,862.4261 E 1,963,628.9485
 P.T. Station 6130+87.48 N 800,296.2410 E 1,963,990.0202
 C.C. N 798,812.6878 E 1,965,331.3144
 Back = N 31° 39' 33.96" E
 Ahead = N 47° 52' 58.71" E
 Chord Bear = N 39° 46' 16.33" E
 =====
 Ending chain BSHRH0P description

EXECUTIVE CENTER DRIVE (EXEP)

Beginning chain EXEP description
 =====
 Curve Data

 Point EXEP001000 N 800,632.9885 E 1,963,795.1146 Sta 10+00.00
 Course from EXEP001000 to PC EXEP-1 S 58° 30' 48.04" E Dist 737.4688
 =====
 Curve Data

 Curve EXEP-1
 P.I. Station 18+49.20 N 800,189.4495 E 1,964,519.2830
 Delta = 48° 09' 48.56" (RT)
 Degree = 22° 55' 05.92"
 Tangent = 111.7348
 Length = 210.1529
 Radius = 250.0000
 External = 23.8333
 Long Chord = 204.0198
 Mid. Ord. = 21.7589
 P.C. Station 17+37.47 N 800,247.8086 E 1,964,423.9998
 P.T. Station 19+47.62 N 800,079.5327 E 1,964,539.3571
 C.C. N 800,034.6182 E 1,964,293.4248
 Back = S 58° 30' 48.04" E
 Ahead = S 10° 20' 59.48" E
 Chord Bear = S 34° 25' 53.76" E
 Course from PT EXEP-1 to PC EXEP-2 S 10° 20' 59.48" E Dist 145.0489
 =====
 Curve Data

 Curve EXEP-2
 P.I. Station 22+61.41 N 799,770.8524 E 1,964,595.7313
 Delta = 68° 02' 04.65" (RT)
 Degree = 22° 55' 05.92"
 Tangent = 168.7371
 Length = 296.8570
 Radius = 250.0000
 External = 51.6160
 Long Chord = 279.7217
 Mid. Ord. = 42.7829
 P.C. Station 20+92.67 N 799,936.8439 E 1,964,565.4163
 P.T. Station 23+89.53 N 799,680.6494 E 1,964,453.1283
 C.C. N 799,891.9294 E 1,964,319.4840
 Back = S 10° 20' 59.48" E
 Ahead = S 57° 41' 05.16" W
 Chord Bear = S 23° 40' 02.84" W
 Course from PT EXEP-2 to PC EXEP-3 S 57° 41' 05.16" W Dist 100.0000
 =====
 Curve Data

 Curve EXEP-3
 P.I. Station 26+04.26 N 799,565.8605 E 1,964,271.6570
 Delta = 32° 00' 28.89" (LT)
 Degree = 14° 19' 26.20"
 Tangent = 114.7285
 Length = 223.4582
 Radius = 400.0000
 External = 16.1281
 Long Chord = 220.5637
 Mid. Ord. = 15.5030
 P.C. Station 24+89.53 N 799,627.1917 E 1,964,368.6163
 P.T. Station 27+12.99 N 799,462.4611 E 1,964,221.9460
 C.C. N 799,289.1438 E 1,964,582.4472
 Back = S 57° 41' 05.16" W
 Ahead = S 25° 40' 36.27" W
 Chord Bear = S 41° 40' 50.72" W
 Course from PT EXEP-3 to EXEP001001 S 25° 40' 36.27" W Dist 72.7029
 Point EXEP001001 N 799,396.9374 E 1,964,190.4443 Sta 27+85.69
 =====
 Ending chain EXEP description

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			PLANS PREPARED BY			PLANS PREPARED FOR			CAROLINA CROSSROADS					
						11-01-2019												HDR			STV			SCDOT			REFERENCE DATA SHEET		
																					South Carolina Department of Transportation								
																					0 100 200 400								

FED. RD. DIST. NO.	STATE	COUNTY	FILE NO.	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON/CHLAND	PO39720	125A-201-25	5Z

ROCKLAND ROAD (ROCKP)

Beginning chain ROCKP description

Point ROCKP001 N 800,235.0196 E 1,964,628.4013 Sta 9136+00.00
Course from ROCKP001 to PC ROCKP-1 N 59° 06' 35.30" E Dist 112.9602

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 148,8963

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

Curve Data

Curve ROCKP-6
P.I. Station 9167+20.10 N 800,716.6491 E 1,967,215.4667
Delta = 81° 04' 46.56" (RT)
Degree = 7° 38' 21.97"
Tangent = 641,4621
Length = 1,061,3295
Radius = 750,0000
External = 236,9010
Long Chord = 974,9641
Mid. Ord. = 180,0340
P.C. Station 9160+78.64 N 800,793.7192 E 1,966,578.6513
P.T. Station 9171+39.97 N 800,075.5856 E 1,967,238.0747
C.C. N 800,049.1522 E 1,966,488.5407
Back = S 83° 05' 57.78" E
Ahead = S 2° 01' 11.23" E
Chord Bear = S 42° 33' 34.50" E
Course from PT ROCKP-6 to ROCKP002 S 2° 01' 11.23" E Dist 72,9675
Point ROCKP002 N 800,002.6634 E 1,967,240.6464 Sta 9172+12.93

Ending chain ROCKP 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

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

Ending chain GALE description

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

Ending chain I20CDW1 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 72° 29' 04.58" E
Chord Bear = N 81° 27' 22.46" E
Course from PT BRDRG0P-1 to BRDRGP2 N 72° 29' 04.58" E Dist 142,7119
Point BRDRGP2 N 802,364,7235 E 1,971,457,3807 Sta 5200+57.01

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

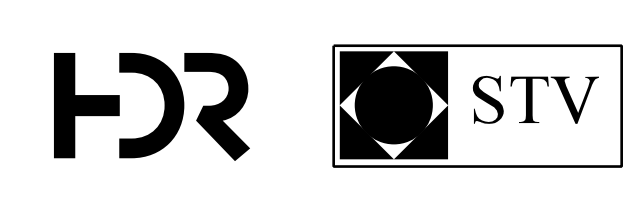
Curve BRD002P-3
P.I. Station 246+99.29 N 801,482,5957 E 1,972,820,0438
Delta = 20° 56' 16.58" (RT)
Degree = 3° 00' 00.00"
Tangent = 352,9017
Length = 697,9312
Radius = 1,909,8590
External = 32,3307
Long Chord = 694,0542
Mid. Ord. = 31,7925
P.C. Station 243+46.38 N 801,732,9650 E 1,972,571,3376
P.T. Station 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

Ending chain BRD002P description


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
		09-30-2019			
NA	REVISED BROAD RIVER ROAD (BRD002P)	01-13-2020			
NA	REVISED ROCKLAND ROAD (ROCKP)	01-20-2021			

PLANS PREPARED BY




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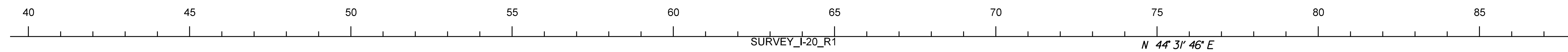
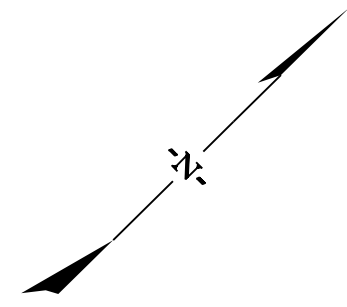
CAROLINA CROSSROADS

REFERENCE DATA SHEET

EXISTING ALIGNMENTS



FED. RD. DIV. NO.	STATE	COUNTY	FILE NO.	ROADROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON/RICHLAND	P039720	1261-201-126	5MM

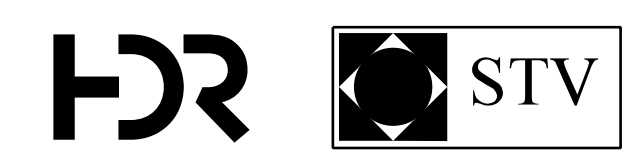


MATCH LINE TO SHEET 5NN

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TRACT(S)	ISSUED FOR	DATE	TRACT(S)	ISSUED FOR	DATE

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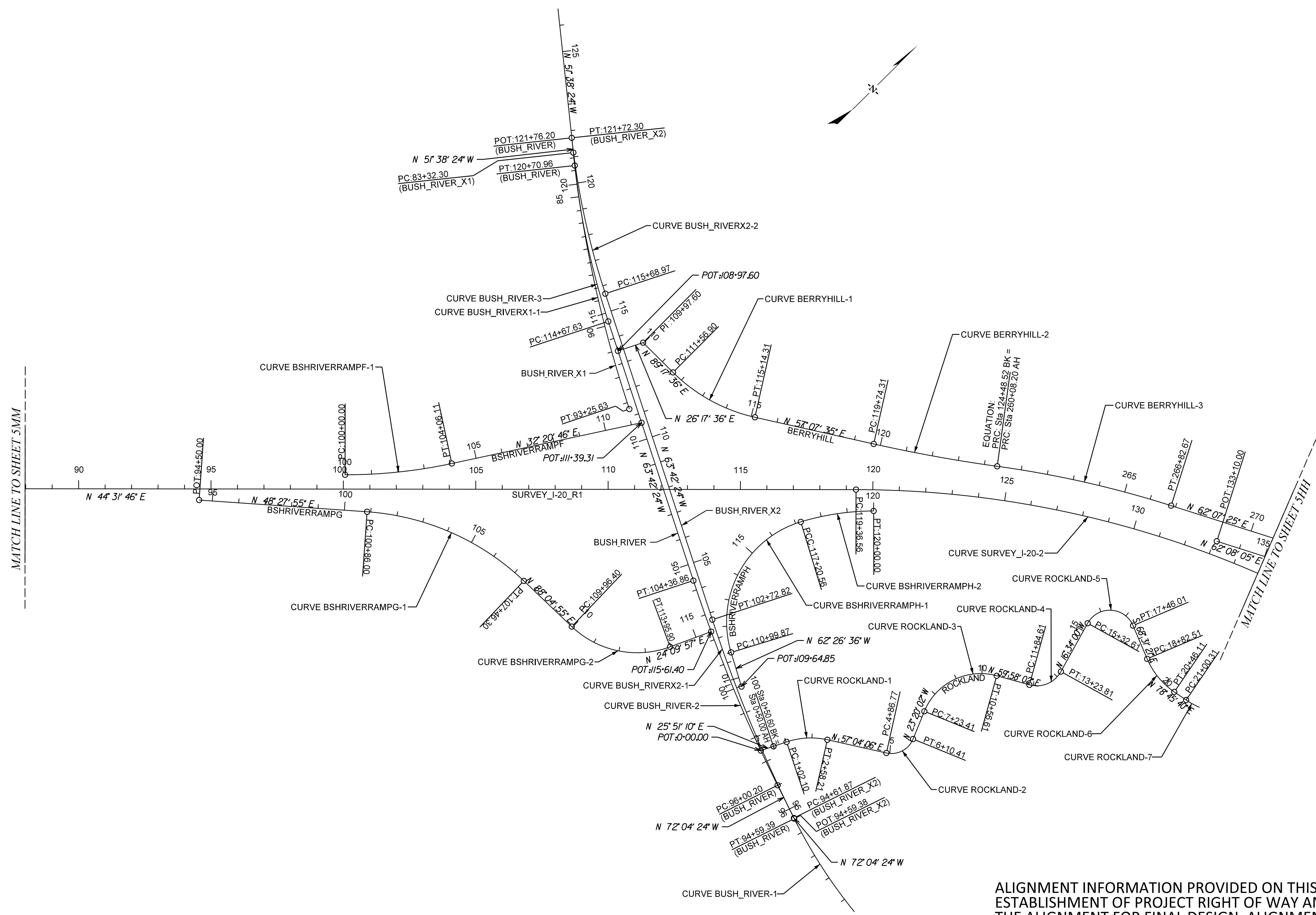


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REFERENCE DATA SHEET
EXISTING ALIGNMENTS



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TRACT(S)	ISSUED FOR	DATE	TRACT(S)	ISSUED FOR	DATE
	SHEET RELEASED	12-06-2019	NA	BUSHRIVER ROAD RAMP G REVISED	XX-XX-2020
NA	BUSH RIVER ROAD REVISED	XX-XX-2020			
NA	BERRYHILL ROAD REVISED	XX-XX-2020			
NA	ROCKLAND ROAD REVISED	XX-XX-2020			
NA	BUSHRIVER ROAD RAMP F REVISED	XX-XX-2020			
NA	BUSHRIVER ROAD RAMP H REVISED	XX-XX-2020			

PLANS PREPARED BY

PLANS PREPARED FOR

CAROLINA CROSSROADS

REFERENCE DATA SHEET

EXISTING ALIGNMENTS



BROAD_RIVER

Beginning chain BROAD_RIVER description

Point BROADRIVER3 N 823,775.9163 E 1,950,578.2942 Sta 496+57.10
 Course from BROADRIVER3 to PC BROAD_RIVER-1 N 77° 28' 37.44" W Dist 2,042.1100

Curve Data
 Curve BROAD_RIVER-1
 P.I. Station 520+95.26 N 824,304.5824 E 1,948,198.1440
 Delta = 7° 54' 30.00" (LT)
 Degree = 1° 00' 00.00"
 Tangent = 396.0456
 Length = 790.8333
 Radius = 5,729.5780
 External = 13.6716
 Long Chord = 790.2057
 Mid. Ord. = 13.6391
 P.C. Station 516+99.21 N 824,218.7077 E 1,948,584.7675
 P.T. Station 524+90.04 N 824,336.4455 E 1,947,803.3822
 C.C. N 818,625.4404 E 1,947,342.4210
 Back = N 77° 28' 37.44" W
 Ahead = N 85° 23' 07.44" W
 Chord Bear = N 81° 25' 52.44" W
 Course from PT BROAD_RIVER-1 to PC BROAD_RIVER-2 N 85° 23' 07.44" W Dist 943.2100

Curve Data
 Curve BROAD_RIVER-2
 P.I. Station 540+13.23 N 824,458.9902 E 1,946,285.1334
 Delta = 33° 47' 04.00" (RT)
 Degree = 3° 00' 00.00"
 Tangent = 579.9764
 Length = 1,126.1480
 Radius = 1,909.8590
 External = 86.1205
 Long Chord = 1,109.9043
 Mid. Ord. = 82.4046
 P.C. Station 534+33.25 N 824,412.3295 E 1,946,863.2297
 P.T. Station 545+59.40 N 824,819.2337 E 1,945,830.6037
 C.C. N 826,315.9975 E 1,947,016.8834
 Back = N 85° 23' 07.44" W
 Ahead = N 51° 36' 03.44" W
 Chord Bear = N 68° 29' 35.44" W
 Course from PT BROAD_RIVER-2 to BROADRIVER4 N 51° 36' 03.44" W Dist 1,440.6000
 Point BROADRIVER4 N 825,714.0403 E 1,944,701.6000 Sta 560+00.00

Ending chain BROAD_RIVER description

BROADRVRAMPB

Beginning chain BROADRVRAMPB description

Curve Data
 Curve BROADRVRAMPB-1
 P.I. Station 576+14.44 N 824,535.40 E 1,946,422.24
 Delta = 69° 27' 31.92" (LT)
 Degree = 94° 21' 38.30"
 Tangent = 42.09
 Length = 73.61
 Radius = 60.72
 External = 13.16
 Long Chord = 69.18
 Mid. Ord. = 10.82
 P.C. Station 575+62.35 N 824,548.94 E 1,946,382.39
 P.T. Station 576+35.96 N 824,567.97 E 1,946,448.91
 C.C. N 824,606.43 E 1,946,401.93
 Back = S 71° 13' 48.67" E
 Ahead = N 39° 18' 39.41" E
 Chord Bear = N 74° 02' 25.37" E
 Course from PT BROADRVRAMPB-1 to PC BROADRVRAMPB-2 N 39° 18' 39.41" E Dist 1.08

Curve Data
 Curve BROADRVRAMPB-2
 P.I. Station 578+12.43 N 824,704.50 E 1,946,560.71
 Delta = 75° 52' 28.01" (LT)
 Degree = 25° 21' 57.32"
 Tangent = 175.38
 Length = 297.95
 Radius = 224.99
 External = 60.28
 Long Chord = 276.65
 Mid. Ord. = 47.54
 P.C. Station 576+37.04 N 824,568.81 E 1,946,449.60
 P.T. Station 579+34.99 N 824,845.37 E 1,946,456.23
 C.C. N 824,711.34 E 1,946,275.52
 Back = N 39° 18' 39.41" E
 Ahead = N 36° 33' 48.59" W
 Chord Bear = N 1° 22' 25.41" E
 Course from PT BROADRVRAMPB-2 to BROADRVRAMPB2 N 36° 33' 48.59" W Dist 1,611.68
 Point BROADRVRAMPB2 N 826,139.87 E 1,945,496.13 Sta 595+46.67

Ending chain BROADRVRAMPB description

BROADRIVRAMP

Beginning chain BROADRIVRAMP description

Curve Data
 Curve BROADRIVRAMP-1
 P.I. Station 563+79.13 N 823,762.38 E 1,947,594.87
 Delta = 41° 12' 35.13" (LT)
 Degree = 7° 00' 00.03"
 Tangent = 307.74
 Length = 588.71
 Radius = 818.51
 External = 55.94
 Long Chord = 576.10
 Mid. Ord. = 52.36
 P.C. Station 560+71.39 N 823,535.33 E 1,947,802.59
 P.T. Station 566+60.10 N 823,796.35 E 1,947,289.01
 C.C. N 822,982.84 E 1,947,198.67
 Back = N 42° 27' 11.88" W
 Ahead = N 83° 39' 47.00" W
 Chord Bear = N 63° 03' 29.44" W
 Course from PT BROADRIVRAMP-1 to PC BROADRIVRAMP-2 N 83° 39' 47.00" W Dist 375.55

Curve Data
 Curve BROADRIVRAMP-2
 P.I. Station 574+27.34 N 823,881.03 E 1,946,526.45
 Delta = 95° 07' 51.00" (RT)
 Degree = 15° 59' 59.78"
 Tangent = 391.69
 Length = 594.57
 Radius = 358.10
 External = 172.62
 Long Chord = 528.59
 Mid. Ord. = 116.47
 P.C. Station 570+35.65 N 823,837.80 E 1,946,915.75
 P.T. Station 576+30.22 N 824,264.91 E 1,946,604.33
 C.C. N 824,193.71 E 1,946,955.28
 Back = N 83° 39' 47.00" W
 Ahead = N 11° 28' 04.00" W
 Chord Bear = N 36° 05' 51.50" W
 Course from PT BROADRIVRAMP-2 to BROADRIVRAMP2 N 11° 28' 04.00" E Dist 182.63
 Point BROADRIVRAMP2 N 824,443.89 E 1,946,640.64 Sta 578+12.85

Ending chain BROADRIVRAMP description

BROADRVRAMPD

Beginning chain BROADRVRAMPD description

Point BROADRVRAMPD1 N 823,005.32 E 1,948,432.05 Sta 552+53.31
 Course from BROADRVRAMPD1 to PC BROADRIV_RAMP-1 N 38° 27' 44.00" W Dist 1,151.68

Curve Data
 Curve BROADRIV_RAMP-1
 P.I. Station 569+20.15 N 824,310.49 E 1,947,395.28
 Delta = 132° 02' 03.00" (RT)
 Degree = 25° 00' 01.22"
 Tangent = 515.16
 Length = 528.13
 Radius = 229.18
 External = 334.66
 Long Chord = 418.79
 Mid. Ord. = 136.03
 P.C. Station 564+04.99 N 823,907.11 E 1,947,715.71
 P.T. Station 569+33.12 N 824,278.39 E 1,947,909.44
 C.C. N 824,049.66 E 1,947,895.16
 Back = N 38° 27' 44.00" W
 Ahead = S 86° 25' 41.00" E
 Chord Bear = N 27° 33' 17.50" E
 Course from PT BROADRIV_RAMP-1 to BROADRIVRAMPD2 S 86° 25' 41.00" E Dist 109.04
 Point BROADRIVRAMPD2 N 824,271.60 E 1,948,018.26 Sta 570+42.16

Ending chain BROADRIVRAMPD description

BROADRIVRAMPA

Beginning chain BSHRIVERRAMPA description

Curve Data
 Curve BSHRIVERRAMPA-1
 P.I. Station 12+08.21 N 799,375.5396 E 1,969,090.2613
 Delta = 24° 35' 59.98" (RT)
 Degree = 5° 59' 59.99"
 Tangent = 208.2084
 Length = 410.0000
 Radius = 954.9300
 External = 22.4348
 Long Chord = 406.8581
 Mid. Ord. = 21.9199
 P.C. Station 10+00.00 N 799,352.6590 E 1,969,297.2087
 P.T. Station 14+10.00 N 799,482.4915 E 1,968,911.6220
 C.C. N 800,301.8055 E 1,969,402.1483
 Back = N 83° 41' 27.18" W
 Ahead = N 59° 05' 27.20" W
 Chord Bear = N 71° 23' 27.19" W
 Course from PT BSHRIVERRAMPA-1 to PC BSHRIVERRAMPA-2 N 59° 05' 27.20" W Dist 506.8100

Curve Data
 Curve BSHRIVERRAMPA-2
 P.I. Station 20+75.72 N 799,824.4548 E 1,968,340.4493
 Delta = 17° 20' 45.33" (RT)
 Degree = 5° 30' 00.03"
 Tangent = 158.9055
 Length = 315.3800
 Radius = 1,041.7400
 External = 12.0499
 Long Chord = 314.1770
 Mid. Ord. = 11.9121
 P.C. Station 19+16.81 N 799,742.8285 E 1,968,476.7876
 P.T. Station 22+32.19 N 799,943.0167 E 1,968,234.6474
 C.C. N 800,636.6240 E 1,969,011.9061
 Back = N 59° 05' 27.20" W
 Ahead = N 41° 44' 41.88" W
 Chord Bear = N 50° 25' 04.54" W

Ending chain BSHRIVERRAMPA description

WESTERN

Beginning chain WESTERN description

Point WESTERN1 N 824,067.0978 E 1,949,267.3428 Sta 0+48.92
 Course from WESTERN1 to PC WESTERN-1 N 12° 31' 53.72" E Dist 115.0589

Curve Data
 Curve WESTERN-1
 P.I. Station 3+94.15 N 824,404.0985 E 1,949,342.2490
 Delta = 51° 28' 25.00" (LT)
 Degree = 11° 59' 59.98"
 Tangent = 230.1663
 Length = 428.9469
 Radius = 477.4650
 External = 52.5815
 Long Chord = 414.6667
 Mid. Ord. = 47.3654
 P.C. Station 1+63.98 N 824,179.4156 E 1,949,292.3080
 P.T. Station 5+92.93 N 824,583.1178 E 1,949,197.5817
 C.C. N 824,283.0149 E 1,948,826.2179
 Back = N 12° 31' 53.72" E
 Ahead = N 38° 56' 31.28" W
 Chord Bear = N 13° 12' 18.78" W
 Course from PT WESTERN-1 to PC WESTERN-2 N 38° 56' 31.28" W Dist 614.3400

Curve Data
 Curve WESTERN-2
 P.I. Station 14+86.55 N 825,278.1644 E 1,948,635.9076
 Delta = 37° 00' 00.00" (LT)
 Degree = 7° 00' 00.00"
 Tangent = 279.2861
 Length = 538.2936
 Radius = 818.5110
 External = 46.3364
 Long Chord = 528.6453
 Mid. Ord. = 52.36
 P.C. Station 12+07.27 N 825,060.9406 E 1,948,811.4484
 P.T. Station 17+45.56 N 825,342.7813 E 1,948,364.1994
 C.C. N 824,546.4789 E 1,948,174.8249
 Back = N 38° 56' 31.28" W
 Ahead = N 76° 37' 21.28" W
 Chord Bear = N 57° 46' 56.28" W
 Course from PT WESTERN-2 to PC WESTERN-3 N 76° 37' 21.28" W Dist 1,254.4300

Curve Data
 Curve WESTERN-3
 P.I. Station 32+70.41 N 825,695.5776 E 1,946,880.7228
 Delta = 21° 22' 55.00" (LT)
 Degree = 3° 59' 59.99"
 Tangent = 270.4201
 Length = 534.5488
 Radius = 1,432.3950
 External = 25.3027
 Long Chord = 531.4523
 Mid. Ord. = 24.8635
 P.C. Station 29+99.99 N 825,633.0120 E 1,947,143.8057
 P.T. Station 35+34.54 N 825,657.9212 E 1,946,612.9374
 C.C. N 824,239.4820 E 1,946,812.4002
 Back = N 76° 37' 21.28" W
 Ahead = S 81° 59' 43.72" W
 Chord Bear = N 87° 18' 48.78" W
 Course from PT WESTERN-3 to PC WESTERN-4 S 81° 59' 43.72" W Dist 205.7800

Curve Data
 Curve WESTERN-4
 P.I. Station 40+01.15 N 825,592.9456 E 1,946,150.8764
 Delta = 57° 17' 36.00" (RT)
 Degree = 11° 59' 59.98"
 Tangent = 260.8271
 Length = 477.4446
 Radius = 477.4650
 External = 66.5971
 Long Chord = 457.7999
 Mid. Ord. = 58.4452
 P.C. Station 37+40.32 N 825,629.2661 E 1,946,409.1623
 P.T. Station 42+17.76 N 825,790.6544 E 1,945,980.7529
 C.C. N 826,102.0792 E 1,946,342.6747
 Back = S 81° 59' 43.72" W
 Ahead = N 40° 42' 40.28" W
 Chord Bear = N 69° 21' 28.28" W
 Course from PT WESTERN-4 to WESTERN2 N 40° 42' 40.28" W Dist 323.4100
 Point WESTERN2 N 826,035.8014 E 1,945,769.8099 Sta 45+41.17

Ending chain WESTERN description

COLUMBIANA

Beginning chain COLUMBIANA description

Point COLUMBIANA1 N 821,377.7117 E 1,948,207.8976 Sta 10+00.00
 Course from COLUMBIANA1 to PC COLUMBIANA-1 N 19° 25' 17.00" W Dist 47.0697

Curve Data
 Curve COLUMBIANA-1
 P.I. Station 12+30.24 N 821,594.8537 E 1,948,131.3387
 Delta = 51° 14' 24.18" (RT)
 Degree = 15° 00' 00.26"
 Tangent = 183.1735
 Length = 341.5987
 Radius = 381.9700
 External = 41.6497
 Long Chord = 330.3283
 Mid. Ord. = 37.5547
 P.C. Station 10+47.07 N 821,422.1030 E 1,948,192.2464
 P.T. Station 13+88.67 N 821,750.5001 E 1,948,227.9138
 C.C. N 821,549.1131 E 1,948,552.4817
 Back = N 19° 25' 17.00" W
 Ahead = N 31° 49' 07.18" E
 Chord Bear = N 6° 11' 55.09" E
 Course from PT COLUMBIANA-1 to PC COLUMBIANA-2 N 31° 49' 07.18" E Dist 383.3951

Curve Data
 Curve COLUMBIANA-2
 P.I. Station 21+66.84 N 822,411.7268 E 1,948,638.1899
 Delta = 74° 19' 04.48" (LT)
 Degree = 11° 00' 00.05"
 Tangent = 394.7741
 Length = 675.6164
 Radius = 520.8700
 External = 132.6988
 Long Chord = 629.2405
 Mid. Ord. = 107.2706
 P.C. Station 17+72.06 N 822,076.2790 E 1,948,430.0521
 P.T. Station 24+47.68 N 822,702.7883 E 1,948,371.4882
 C.C. N 822,350.8986 E 1,947,987.4580
 Back = N 31° 49' 07.18" E
 Ahead = N 42° 29' 57.30" W
 Chord Bear = N 5° 20' 25.06" W

Equation: Sta 24+47.68 (BK) = Sta 24+49.96 (AH)
 Begin Region 2

Point COLUMBIANA3 N 822,702.7883 E 1,948,371.4882 Sta 24+49.96
 Course from COLUMBIANA3 to PC COLUMBIANA-3 N 42° 29' 57.30" W Dist 1,091.0704





Curve Data
 Curve COLUMBIANA-3
 P.I. Station 38+53.25 N 823,737.4181 E 1,947,423.4495
 Delta = 57° 10' 29.21" (LT)
 Degree = 9° 59' 59.86"
 Tangent = 312.2244
 Length = 571.7500
 Radius = 572.9600
 External = 79.5484
 Long Chord = 548.3211
 Mid. Ord. = 69.8505
 P.C. Station 35+41.03 N 823,507.2194 E 1,947,634.3822
 P.T. Station 41+12.78 N 823,684.9511 E 1,947,115.6651
 C.C. N 823,120.1387 E 1,947,211.9468
 Back = N 42° 29' 57.30" W
 Ahead = S 80° 19' 33.49" W
 Chord Bear = N 71° 05' 11.91" W
 Course from PT COLUMBIANA-3 to PC COLUMBIANA-4 S 80° 19' 33.49" W Dist 505.1700

Curve Data
 Curve COLUMBIANA-4
 P.I. Station 50+38.88 N 823,529.3265 E 1,946,202.7325
 Delta = 77° 53' 03.19" (RT)
 Degree = 11° 00' 00.05"
 Tangent = 420.9320
 Length = 708.0500
 Radius = 520.8700
 External = 148.8234
 Long Chord = 654.7797
 Mid. Ord. = 115.7510
 P.C. Station 46+17.95 N 823,600.0610 E 1,946,617.6787
 P.T. Station 53+26.00 N 823,920.1874 E 1,946,046.4909
 C.C. N 824,113.5241 E 1,946,530.1504
 Back = S 80° 19' 33.49" W
 Ahead = N 21° 47' 18.32" W
 Chord Bear = N 60° 43' 52.42" W
 Course from PT COLUMBIANA-4 to PC COLUMBIANA-5 N 21° 47' 18.32" W Dist 188.6500

Curve Data
 Curve COLUMBIANA-5
 P.I. Station 57+66.12 N 824,328.8644 E 1,945,883.1275
 Delta = 55° 32' 59.14" (RT)
 Degree = 12° 00' 00.44"
 Tangent = 251.4687
 Length = 462.9100
 Radius = 477.4600
 External = 62.1737
 Long Chord = 444.9916
 Mid. Ord. = 55.0104
 P.C. Station 55+14.65 N 824,095.3605 E 1,945,976.4677
 P.T. Station 59+77.56 N 824,537.9253 E 1,946,022.8774
 C.C. N 824,272.5842 E 1,946,419.8184
 Back = N 21° 47' 18.32" W
 Ahead = N 33° 45' 40.82" E
 Chord Bear = N 5° 59' 11.25" E
 Course from PT COLUMBIANA-5 to COLUMBIANA2 N 33° 45' 40.82" E Dist 128.8963
 Point COLUMBIANA2 N 824,645.0844 E 1,946,094.5095 Sta 61+06.46

Ending chain COLUMBIANA description

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	PLANS PREPARED BY	PLANS PREPARED FOR	CAROLINA CROSSROADS
NA	ALL ALIGNMENTS REVISED	11-01-2019				 	 South Carolina Department of Transportation	REFERENCE DATA SHEET EXISTING ALIGNMENTS
		XX-XX-2020						

PINEY_GROVE2

Beginning chain PINEY_GROVE2 description

Curve Data
 Curve PINEY_GROVE2-1
 P.I. Station 44+99.83 N 812,993.9977 E 1,957,349.7374
 Delta = 3° 27' 42.72" (LT)
 Degree = 1° 00' 00.00"
 Tangent = 173.1460
 Length = 346.1867
 Radius = 5,729.5800
 External = 2,6156
 Long Chord = 346.1340
 Mid. Ord. = 2.6144
 P.C. Station 43+26.68 N 812,936.3431 E 1,957,186.4723
 P.T. Station 46+72.87 N 813,061.4057 E 1,957,509.2232
 C.C. N 818,338.9535 E 1,955,278.6231
 Back = N 70° 33' 00.38" W
 Ahead = N 67° 05' 17.66" E
 Chord Bear = N 68° 49' 09.02" E
 Course from PT PINEY_GROVE2-1 to PC PINEY_GROVE2-2 N 67° 05' 17.67" E Dist 210.4690

Curve Data
 Curve PINEY_GROVE2-2
 P.I. Station 51+55.85 N 813,249.4362 E 1,957,954.0989
 Delta = 16° 14' 27.75" (RT)
 Degree = 3° 00' 00.00"
 Tangent = 272.5112
 Length = 541.3682
 Radius = 1,909.8600
 External = 19.3439
 Long Chord = 539.5576
 Mid. Ord. = 19.1499
 P.C. Station 48+83.34 N 813,143.3440 E 1,957,703.0873
 P.T. Station 54+24.70 N 813,281.0919 E 1,958,224.7653
 C.C. N 811,384.1614 E 1,958,446.6206
 Back = N 67° 05' 17.66" E
 Ahead = N 83° 19' 45.41" E
 Chord Bear = N 75° 12' 51.54" E
 Course from PT PINEY_GROVE2-2 to PC PINEY_GROVE2-3 N 83° 19' 45.41" E Dist 448.1060

Curve Data
 Curve PINEY_GROVE2-3
 P.I. Station 62+18.08 N 813,373.2531 E 1,959,012.7713
 Delta = 13° 44' 40.34" (LT)
 Degree = 2° 00' 00.00"
 Tangent = 345.2710
 Length = 687.2273
 Radius = 2,864.7900
 External = 20.7314
 Long Chord = 685.5806
 Mid. Ord. = 20.5825
 P.C. Station 58+72.81 N 813,333.1453 E 1,958,669.8377
 P.T. Station 65+00.04 N 813,493.6911 E 1,959,336.3555
 C.C. N 816,178.5411 E 1,958,337.0547
 Back = N 83° 19' 45.41" E
 Ahead = N 69° 35' 05.07" E
 Chord Bear = N 76° 27' 25.24" E
 Course from PT PINEY_GROVE2-3 to PINEYGROVE201 N 69° 35' 05.07" E Dist 239.9642
 Point PINEYGROVE201 N 813,577.3958 E 1,959,561.2473 Sta 68+00.00
 Ending chain PINEY_GROVE2 description

PNYGROVERAMPA

Beginning chain PNYGROVERAMPA description

Point PNYGROVERAMPA1 N 812,945.4959 E 1,957,212.1956 Sta 318+74.02
 Course from PNYGROVERAMPA1 to PC PNYGROVERAMPA-1 N 55° 26' 05.31" W Dist 402.5544
 Curve Data
 Curve PNYGROVERAMPA-1
 P.I. Station 325+46.76 N 813,327.1711 E 1,956,658.2061
 Delta = 14° 46' 40.09" (RT)
 Degree = 2° 45' 00.01"
 Tangent = 270.1864
 Length = 537.3739
 Radius = 2,083.4800
 External = 17.4459
 Long Chord = 535.8856
 Mid. Ord. = 17.3010
 P.C. Station 322+76.57 N 813,173.8825 E 1,956,880.6996
 P.T. Station 328+13.95 N 813,532.1408 E 1,956,482.1718
 C.C. N 814,889.5891 E 1,958,062.7485
 Back = N 55° 26' 05.31" W
 Ahead = N 40° 39' 25.23" W
 Chord Bear = N 48° 02' 45.27" W
 Course from PT PNYGROVERAMPA-1 to PNYGROVERAMPA2 N 40° 39' 25.23" W Dist 2,001.1754
 Point PNYGROVERAMPA2 N 815,050.2794 E 1,955,178.3472 Sta 348+15.12

Ending chain PNYGROVERAMPA description

PARKTERRACE

Beginning chain PARKTERRACE description

Point PARKTERRACE1 N 815,452.1235 E 1,952,913.9435 Sta 10+00.00
 Course from PARKTERRACE1 to PARKTERRACE2 S 48° 20' 46.18" E Dist 375.0321
 Point PARKTERRACE2 N 815,202.8665 E 1,953,194.1577 Sta 13+75.03
 Ending chain PARKTERRACE description

PNYGROVERAMPB

Beginning chain PNYGROVERAMPB description

Point PNYGROVERAMPB1 N 812,758.9647 E 1,956,684.1729 Sta 220+72.29
 Course from PNYGROVERAMPB1 to PC PNYGROVERAMPB-1 N 25° 26' 59.42" W Dist 189.7934
 Curve Data
 Curve PNYGROVERAMPB-1
 P.I. Station 225+99.25 N 813,234.7925 E 1,956,457.7258
 Delta = 10° 05' 20.21" (LT)
 Degree = 1° 30' 00.00"
 Tangent = 337.1700
 Length = 672.5967
 Radius = 3,819.7200
 External = 14.8523
 Long Chord = 671.7281
 Mid. Ord. = 14.7947
 P.C. Station 222+62.08 N 812,930.3409 E 1,956,602.6148
 P.T. Station 229+34.68 N 813,509.1552 E 1,956,261.7445
 C.C. N 811,288.9280 E 1,953,153.5534
 Back = N 25° 26' 59.42" W
 Ahead = N 35° 32' 19.63" W
 Chord Bear = N 30° 29' 39.52" W
 Course from PT PNYGROVERAMPB-1 to PNYGROVERAMPB2 N 35° 32' 19.63" W Dist 856.9246
 Point PNYGROVERAMPB2 N 814,206.4538 E 1,955,763.6537 Sta 237+91.60

Ending chain PNYGROVERAMPB description

PNYGROVERAMPC

Beginning chain PNYGROVERAMPC description

Curve Data
 Curve PNYGROVERAMPC-1
 P.I. Station 111+16.01 N 812,111.4137 E 1,957,434.3793
 Delta = 9° 00' 55.14" (LT)
 Degree = 1° 45' 00.01"
 Tangent = 258.1129
 Length = 515.1602
 Radius = 3,274.0400
 External = 10.1586
 Long Chord = 514.6290
 Mid. Ord. = 10.1271
 P.C. Station 108+57.90 N 811,915.6841 E 1,957,602.6415
 P.T. Station 113+73.06 N 812,278.3590 E 1,957,237.5252
 C.C. N 809,781.3575 E 1,955,119.9036
 Back = N 40° 41' 04.36" W
 Ahead = N 49° 41' 59.50" W
 Chord Bear = N 45° 11' 31.93" W
 Course from PT PNYGROVERAMPC-1 to PNYGROVERAMPC2 N 49° 41' 59.50" W Dist 737.9129
 Point PNYGROVERAMPC2 N 812,755.6348 E 1,956,674.7436 Sta 121+10.97
 Ending chain PNYGROVERAMPC description

PNYGROVERAMPD

Beginning chain PNYGROVERAMPD description

Point PNYGROVERAMPD1 N 811,497.0184 E 1,958,120.4781 Sta 2+00.00
 Course from PNYGROVERAMPD1 to PC PNYGROVERAMPD-1 N 36° 46' 51.56" W Dist 977.4350
 Curve Data
 Curve PNYGROVERAMPD-1
 P.I. Station 14+41.70 N 812,491.5299 E 1,957,377.0029
 Delta = 14° 27' 25.79" (RT)
 Degree = 2° 45' 00.01"
 Tangent = 264.2608
 Length = 525.7144
 Radius = 2,083.4800
 External = 16.6921
 Long Chord = 524.3208
 Mid. Ord. = 16.5594
 P.C. Station 11+77.44 N 812,279.8755 E 1,957,535.2311
 P.T. Station 17+03.15 N 812,735.9848 E 1,957,276.6259
 C.C. N 813,527.3756 E 1,959,203.9529
 Back = N 36° 46' 51.56" W
 Ahead = N 22° 19' 25.77" W
 Chord Bear = N 29° 33' 08.66" W
 Course from PT PNYGROVERAMPD-1 to PNYGROVERAMPD2 N 22° 19' 25.77" W Dist 219.2245
 Point PNYGROVERAMPD2 N 812,938.7788 E 1,957,193.3555 Sta 19+22.37
 Ending chain PNYGROVERAMPD description

ROBIN_COOK

Beginning chain ROBIN_COOK description

Point ROBINCOOK1 N 813,201.4217 E 1,957,966.3316 Sta 100+00.00
 Course from ROBINCOOK1 to PC ROBIN_COOK-1 N 21° 35' 42.58" W Dist 343.3064
 Curve Data
 Curve ROBIN_COOK-1
 P.I. Station 108+14.27 N 813,958.5369 E 1,957,666.6424
 Delta = 93° 47' 51.01" (LT)
 Degree = 12° 59' 59.66"
 Tangent = 470.9645
 Length = 721.5245
 Radius = 440.7400
 External = 204.2866
 Long Chord = 643.8103
 Mid. Ord. = 139.5869
 P.C. Station 103+43.31 N 813,520.6305 E 1,957,839.9790
 P.T. Station 110+64.83 N 813,756.5781 E 1,957,241.1777
 C.C. N 813,358.4179 E 1,957,430.1756
 Back = N 21° 35' 42.58" W
 Ahead = S 64° 36' 26.41" W
 Chord Bear = N 68° 29' 38.08" W
 Course from PT ROBIN_COOK-1 to PC ROBIN_COOK-2 S 64° 36' 26.41" W Dist 254.9990

Curve Data
 Curve ROBIN_COOK-2
 P.I. Station 116+26.64 N 813,515.6649 E 1,956,733.6479
 Delta = 63° 15' 00.35" (RT)
 Degree = 11° 30' 00.35"
 Tangent = 306.8068
 Length = 549.9955
 Radius = 498.2200
 External = 86.8899
 Long Chord = 522.4908
 Mid. Ord. = 73.9866
 P.C. Station 111+00.83 N 813,647.2296 E 1,957,010.8141
 P.T. Station 118+69.83 N 813,703.9515 E 1,956,491.4113
 C.C. N 814,097.3167 E 1,956,797.1677
 Back = S 64° 36' 26.41" W
 Ahead = N 52° 08' 33.56" W
 Chord Bear = N 83° 46' 03.57" W
 Course from PT ROBIN_COOK-2 to ROBINCOOK2 N 52° 08' 33.56" W Dist 343.0025
 Point ROBINCOOK2 N 813,914.4513 E 1,956,220.5966 Sta 122+12.83
 Ending chain ROBIN_COOK description

JAMIL

Beginning chain JAMIL description

Point JAMIL1 N 811,453.5922 E 1,957,975.5411 Sta 75+00.00
 Course from JAMIL1 to PC JAMIL-1 N 42° 26' 56.52" W Dist 282.4650
 Curve Data
 Curve JAMIL-1
 P.I. Station 80+25.34 N 811,841.2276 E 1,957,620.9725
 Delta = 41° 45' 59.99" (LT)
 Degree = 8° 59' 59.99"
 Tangent = 242.8731
 Length = 464.0458
 Radius = 636.6200
 External = 44.7553
 Long Chord = 453.8405
 Mid. Ord. = 41.8156
 P.C. Station 77+82.46 N 811,662.0168 E 1,957,784.8958
 P.T. Station 82+46.51 N 811,865.7160 E 1,957,379.3371
 C.C. N 811,232.3403 E 1,957,315.1479
 Back = N 42° 26' 56.52" W
 Ahead = N 84° 12' 47.31" W
 Chord Bear = N 63° 19' 51.91" W
 Course from PT JAMIL-1 to PC JAMIL-2 N 84° 12' 47.31" W Dist 794.3246
 Curve Data
 Curve JAMIL-2
 P.I. Station 94+46.03 N 811,986.6613 E 1,956,185.9304
 Delta = 58° 59' 55.01" (RT)
 Degree = 7° 59' 59.89"
 Tangent = 405.1950
 Length = 737.4855
 Radius = 716.2000
 External = 106.6763
 Long Chord = 705.3324
 Mid. Ord. = 92.8470
 P.C. Station 90+40.84 N 811,945.8063 E 1,956,589.0605
 P.T. Station 97+78.32 N 812,353.2490 E 1,956,013.3138
 C.C. N 812,658.3564 E 1,956,661.2736
 Back = N 84° 12' 47.31" W
 Ahead = N 25° 12' 52.30" W
 Chord Bear = N 54° 42' 49.80" W
 Course from PT JAMIL-2 to JAMIL2 N 25° 12' 52.30" W Dist 221.6786
 Point JAMIL2 N 812,553.8058 E 1,955,918.8768 Sta 100+00.00
 Ending chain JAMIL description

FERNANDINA

Beginning chain FERNANDINA description

Curve Data
 Curve FERNANDINA-1
 P.I. Station 85+52.68 N 811,838.6460 E 1,957,946.8143
 Delta = 3° 25' 23.22" (RT)
 Degree = 3° 15' 00.00"
 Tangent = 52.6790
 Length = 105.3267
 Radius = 1,762.9471
 External = 0.7869
 Long Chord = 105.3310
 Mid. Ord. = 0.7865
 P.C. Station 85+00.00 N 811,793.2378 E 1,957,973.5197
 P.T. Station 86+05.33 N 811,885.5677 E 1,957,922.8679
 C.C. N 812,686.9544 E 1,959,493.1423
 Back = N 30° 27' 37.91" W
 Ahead = N 27° 02' 14.68" W
 Chord Bear = N 28° 44' 56.29" W

Curve Data
 Curve FERNANDINA-2
 P.I. Station 87+56.57 N 812,020.2811 E 1,957,854.1172
 Delta = 19° 28' 18.68" (RT)
 Degree = 6° 21' 59.83"
 Tangent = 151.2427
 Length = 299.5684
 Radius = 881.4777
 External = 12.8809
 Long Chord = 298.1289
 Mid. Ord. = 12.6954
 P.C. Station 86+05.33 N 811,885.5677 E 1,957,922.8679
 P.T. Station 89+04.90 N 812,170.2072 E 1,957,834.2045
 C.C. N 812,286.2630 E 1,958,708.0088
 Back = N 27° 02' 14.68" W
 Ahead = N 7° 33' 56.00" W
 Chord Bear = N 17° 18' 05.34" W

Curve Data
 Curve FERNANDINA-3
 P.I. Station 90+55.30 N 812,319.3056 E 1,957,814.4017
 Delta = 36° 20' 01.43" (RT)
 Degree = 12° 30' 00.53"
 Tangent = 150.4077
 Length = 290.6664
 Radius = 458.3608
 External = 24.0468
 Long Chord = 285.8205
 Mid. Ord. = 22.8481
 P.C. Station 89+04.90 N 812,170.2072 E 1,957,834.2045
 P.T. Station 91+95.56 N 812,451.1491 E 1,957,886.7880
 C.C. N 812,230.5552 E 1,958,288.5752
 Back = N 7° 33' 56.00" W
 Ahead = N 28° 46' 05.43" E
 Chord Bear = N 10° 36' 04.71" E
 Course from PT FERNANDINA-3 to PC FERNANDINA-4 N 28° 46' 05.43" E Dist 238.0624

Curve Data
 Curve FERNANDINA-4
 P.I. Station 96+47.79 N 812,847.5599 E 1,958,104.4300
 Delta = 50° 05' 12.99" (LT)
 Degree = 12° 29' 59.83"
 Tangent = 214.1650
 Length = 400.6988
 Radius = 458.3700
 External = 47.5645
 Long Chord = 388.0613
 Mid. Ord. = 43.0928
 P.C. Station 94+33.82 N 812,659.8284 E 1,958,001.3595
 P.T. Station 98+34.32 N 813,047.0701 E 1,958,026.5690
 C.C. N 812,880.4267 E 1,957,599.5642
 Back = N 28° 46' 05.43" E
 Ahead = N 21° 19' 07.56" W
 Chord Bear = N 3° 43' 28.93" E
 Course from PT FERNANDINA-4 to FERNANDINA2 N 21° 19' 07.56" W Dist 196.0852
 Point FERNANDINA2 N 813,229.7376 E 1,957,955.2809 Sta 100+30.41
 Ending chain FERNANDINA description

FERNANDINA 3

Beginning chain FERNANDINA3 description

Point FERNANDINA31 N 816,767.6177 E 1,954,350.3106 Sta 0+00.00
 Course from FERNANDINA31 to PC FERNANDINA3-1 S 55° 13' 47.50" W Dist 103.0600
 Curve Data
 Curve FERNANDINA3-1
 P.I. Station 4+05.44 N 816,536.4040 E 1,954,017.2674
 Delta = 95° 52' 43.18" (LT)
 Degree = 20° 59' 59.18"
 Tangent = 302.3750
 Length = 456.5700
 Radius = 272.8400
 External = 134.4343
 Long Chord = 405.1324
 Mid. Ord. = 90.0598
 P.C. Station 1+03.06 N 816,708.8441 E 1,954,265.6524
 P.T. Station 5+59.63 N 816,306.9870 E 1,954,214.2408
 C.C. N 816,484.7206 E 1,954,421.2491
 Back = S 55° 13' 47.50" W
 Ahead = S 40° 38' 55.68" E
 Chord Bear = S 7° 17' 25.91" W

Ending chain FERNANDINA3 description

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.

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STANDREWSPURD

Beginning chain STANDREWSPURD description
Point STANDREWSPURD1 N 804,265.8562 E 1,964,740.3385 Sta 0+01.03
Curve Data
Curve STANDREWSPURD-1
P.I. Station 1+23.97 N 804,367.6113 E 1,964,809.3358
Delta = 29° 00' 00.00" (RT)
Degree = 21° 30' 00.00"

BURNING TREE

Beginning chain BURNING TREE description
Point BURNINGTREE1 N 799,751.5113 E 1,969,343.4469 Sta 236+31.13
Curve Data
Curve BURNING_TREE-1
P.I. Station 245+14.70 N 799,737.8101 E 1,968,459.9827
Delta = 49° 08' 36.30" (RT)
Degree = 9° 59' 59.86"

Curve Data

Curve BURNING_TREE-4
P.I. Station 287+60.98 N 802,624.9150 E 1,966,159.5514
Delta = 38° 37' 28.75" (RT)
Degree = 7° 00' 00.03"

End Region 1

Equation: Sta 124+48.52 (BK) = Sta 260+08.20 (AH)
Begin Region 2
Curve BERRYHILL-3
P.I. Station 263+46.33 N 800,992.7943 E 1,964,318.5893
Delta = 9° 47' 54.50" (RT)
Degree = 1° 27' 08.88"

Curve Data

Curve BERRYHILL-9
P.I. Station 308+06.16 N 804,345.9177 E 1,964,168.0996
Delta = 57° 14' 40.97" (LT)
Degree = 11° 00' 00.05"

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Table with 6 columns: TRACT(S), ISSUED FOR, DATE, TRACT(S), ISSUED FOR, DATE. Includes logos for HDR, STV, and SCDOT. Reference data sheet title: CAROLINA CROSSROADS REFERENCE DATA SHEET EXISTING ALIGNMENTS.

LINEF**Beginning chain LINEF description**

Point LINEF001 N 801,179.6727 E 1,964,834.1081 Sta 133+10.00

Course from LINEF001 to PC LINEF-1 N 62° 08' 05.06" E Dist 328.0637

Curve Data

Curve LINEF-1
P.I. Station = 147+59.00 N 801,856.9287 E 1,966,115.0996
Delta = 93° 35' 33.44" (LT)
Degree = 5° 26' 32.59"
Tangent = 1,120.9410
Length = 1,719.6984
Radius = 1,052.7695
External = 485.0317
Long Chord = 1,534.7791
Mid. Ord. = 332.0498
P.C. Station = 136+38.06 N 801,333.0077 E 1,965,124.1326
P.T. Station = 153+57.76 N 802,813.1183 E 1,965,530.1122
C.C. = N 802,263.7077 E 1,964,632.0745
Back = N 62° 08' 05.06" E
Ahead = N 21° 27' 28.39" W
Chord Bear = N 15° 20' 18.33" E

Ending chain LINEF description**I26WB_I20EB****Beginning chain I26WB_I20EB description****Curve Data**

Curve I26WB_I20EB-1
P.I. Station = 14+22.90 N 800,920.3161 E 1,967,362.5242
Delta = 47° 46' 22.66" (RT)
Degree = 5° 59' 59.99"
Tangent = 422.8972
Length = 796.2163
Radius = 954.9300
External = 89.4518
Long Chord = 773.3517
Mid. Ord. = 81.7902
P.C. Station = 10+00.00 N 800,604.7865 E 1,967,644.0968
P.T. Station = 17+96.22 N 801,340.8751 E 1,967,406.9335
C.C. = N 801,240.5960 E 1,968,356.5836
Back = N 41° 44' 42.38" W
Ahead = N 6° 01' 40.28" E
Chord Bear = N 17° 51' 31.05" W

Curve Data

Curve I26WB_I20EB-2
P.I. Station = 19+67.58 N 801,511.2952 E 1,967,424.9291
Delta = 10° 15' 16.55" (RT)
Degree = 3° 00' 00.00"
Tangent = 171.3677
Length = 341.8200
Radius = 1,909.8600
External = 7.6728
Long Chord = 341.3640
Mid. Ord. = 7.6421
P.C. Station = 17+96.22 N 801,340.8751 E 1,967,406.9335
P.T. Station = 21+38.04 N 801,675.7896 E 1,967,472.9760
C.C. = N 801,140.3169 E 1,969,306.2338
Back = N 6° 01' 40.28" E
Ahead = N 16° 16' 56.83" E
Chord Bear = N 11° 09' 18.55" E

Curve Data

Curve I26WB_I20EB-3
P.I. Station = 25+07.47 N 802,030.4091 E 1,967,576.5561
Delta = 60° 15' 14.68" (RT)
Degree = 8° 59' 59.99"
Tangent = 369.4372
Length = 669.4900
Radius = 636.6200
External = 99.4295
Long Chord = 639.0633
Mid. Ord. = 85.9980
P.C. Station = 21+38.04 N 801,675.7896 E 1,967,472.9760
P.T. Station = 28+07.53 N 802,116.4235 E 1,967,935.8406
C.C. = N 801,497.2987 E 1,968,084.0619
Back = N 16° 16' 56.83" E
Ahead = N 76° 32' 11.51" E
Chord Bear = N 46° 24' 34.17" E

Ending chain I26WB_I20EB description**I20EB_I26EB****Beginning chain I20EB_I26EB description**Point XEBI2026000 N 801,245.6876 E 1,965,338.7451 Sta 8+80.38
Course from XEBI2026000 to PC I20EB_I26EB-1 N 73° 34' 40.38" E Dist 291.7700**Curve Data**

Curve I20EB_I26EB-1
P.I. Station = 13+10.14 N 801,367.1861 E 1,965,750.9742
Delta = 10° 09' 06.27" (RT)
Degree = 3° 41' 17.00"
Tangent = 137.9912
Length = 275.2600
Radius = 1,553.5500
External = 6.1164
Long Chord = 274.9001
Mid. Ord. = 6.0924
P.C. Station = 11+72.15 N 801,328.1744 E 1,965,618.6123
P.T. Station = 14+47.41 N 801,382.2576 E 1,965,888.1398
C.C. = N 799,838.0016 E 1,966,057.8192
Back = N 73° 34' 40.38" E
Ahead = N 83° 43' 46.64" E
Chord Bear = N 78° 39' 13.51" E

Curve Data

Curve I20EB_I26EB-2
P.I. Station = 17+44.48 N 801,414.7037 E 1,966,183.4324
Delta = 19° 07' 47.26" (RT)
Degree = 3° 14' 59.98"
Tangent = 297.0698
Length = 588.6100
Radius = 1,762.9500
External = 24.8540
Long Chord = 585.8799
Mid. Ord. = 24.6085
P.C. Station = 14+47.41 N 801,382.2576 E 1,965,888.1398
P.T. Station = 20+36.02 N 801,348.5879 E 1,966,473.0514
C.C. = N 799,629.8543 E 1,966,080.6899
Back = N 83° 43' 46.64" E
Ahead = S 77° 08' 26.10" E
Chord Bear = S 86° 42' 19.73" E

Curve Data

Curve I20EB_I26EB-3
P.I. Station = 21+63.29 N 801,320.2638 E 1,966,597.1250
Delta = 27° 27' 37.58" (RT)
Degree = 11° 00' 00.05"
Tangent = 127.2655
Length = 249.6400
Radius = 520.8700
External = 15.3222
Long Chord = 247.2575
Mid. Ord. = 14.8843
P.C. Station = 20+36.02 N 801,348.5879 E 1,966,473.0514
P.T. Station = 22+85.66 N 801,237.9161 E 1,966,694.1578
C.C. = N 800,840.7818 E 1,966,357.1268
Back = S 77° 08' 26.10" E
Ahead = S 49° 40' 48.53" E
Chord Bear = S 63° 24' 37.32" E

Curve Data

Curve I20EB_I26EB-4
P.I. Station = 26+25.51 N 801,018.0131 E 1,966,953.2765
Delta = 6° 47' 20.75" (RT)
Degree = 1° 00' 00.00"
Tangent = 339.8527
Length = 678.9100
Radius = 5,729.5800
External = 10.0704
Long Chord = 678.5129
Mid. Ord. = 10.0527
P.C. Station = 22+85.66 N 801,237.9161 E 1,966,694.1578
P.T. Station = 29+64.57 N 800,769.0202 E 1,967,184.5825
C.C. = N 796,869.4313 E 1,962,986.8101
Back = S 49° 40' 48.53" E
Ahead = S 42° 53' 27.78" E
Chord Bear = S 46° 17' 08.15" E

Course from PT I20EB_I26EB-4 to XEBI2026001 S 42° 53' 27.78" E Dist 1,300.2600
Point XEBI2026001 N 799,816.3857 E 1,968,069.5478 Sta 42+64.83**Ending chain I20EB_I26EB description****BSHRIVERRAMPA****Beginning chain BSHRIVERRAMPA description****Curve Data**

Curve BSHRIVERRAMPA-1
P.I. Station = 12+08.21 N 799,375.5396 E 1,969,090.2613
Delta = 24° 35' 59.98" (RT)
Degree = 5° 59' 59.99"
Tangent = 208.2084
Length = 410.0000
Radius = 954.9300
External = 22.4348
Long Chord = 406.8581
Mid. Ord. = 21.9199
P.C. Station = 10+00.00 N 799,352.6590 E 1,969,297.2087
P.T. Station = 14+10.00 N 799,482.4915 E 1,968,911.6220
C.C. = N 800,301.8055 E 1,969,402.1483
Back = N 83° 41' 27.18" W
Ahead = N 59° 05' 27.20" W
Chord Bear = N 71° 23' 27.19" W

Curve Data

Curve BSHRIVERRAMPA-2
P.I. Station = 20+75.72 N 799,824.4548 E 1,968,340.4493
Delta = 17° 20' 45.33" (RT)
Degree = 5° 30' 00.03"
Tangent = 158.9055
Length = 315.3800
Radius = 1,041.7400
External = 12.0499
Long Chord = 314.1770
Mid. Ord. = 11.9121
P.C. Station = 19+16.81 N 799,742.8285 E 1,968,476.7876
P.T. Station = 22+32.19 N 799,943.0167 E 1,968,234.6474
C.C. = N 800,636.6240 E 1,969,011.9061
Back = N 59° 05' 27.20" W
Ahead = N 41° 44' 41.88" W
Chord Bear = N 50° 25' 04.54" W

Ending chain BSHRIVERRAMPA description**BUSH_RIVER2****Beginning chain BUSH_RIVER2 description**

Point BUSHRIVER25 N 799,317.6577 E 1,970,217.0089 Sta 36+02.70

Course from BUSHRIVER25 to PC BUSH_RIVER2-1 S 87° 33' 17.48" W Dist 431.0000

Curve Data

Curve BUSH_RIVER2-1
P.I. Station = 42+53.05 N 799,289.9120 E 1,969,567.2522
Delta = 8° 45' 24.72" (RT)
Degree = 2° 00' 00.00"
Tangent = 219.3488
Length = 437.8434
Radius = 2,864.7890
External = 8.3852
Long Chord = 437.4173
Mid. Ord. = 6.3607
P.C. Station = 40+33.70 N 799,299.2700 E 1,969,786.4013
P.T. Station = 44+71.54 N 799,314.0267 E 1,969,349.2329
C.C. = N 802,161.4507 E 1,969,664.1812
Back = S 87° 33' 17.48" W
Ahead = N 83° 41' 17.80" W
Chord Bear = N 88° 04' 00.16" W

Course from PT BUSH_RIVER2-1 to PC BUSH_RIVER2-2 N 83° 41' 17.80" W Dist 195.5276

Curve Data

Curve BUSH_RIVER2-2
P.I. Station = 48+78.53 N 799,358.7696 E 1,968,944.7152
Delta = 4° 13' 38.00" (RT)
Degree = 1° 00' 00.00"
Tangent = 211.4570
Length = 422.7222
Radius = 5,729.5780
External = 3.9007
Long Chord = 422.6264
Mid. Ord. = 3.8981
P.C. Station = 46+67.07 N 799,335.5225 E 1,969,154.8905
P.T. Station = 50+89.79 N 799,397.4459 E 1,968,736.8253
C.C. = N 805,030.3706 E 1,969,784.7869
Back = N 83° 41' 17.80" W
Ahead = N 79° 27' 39.80" W
Chord Bear = N 81° 34' 28.80" W

Course from PT BUSH_RIVER2-2 to PC BUSH_RIVER2-3 N 79° 27' 39.80" W Dist 456.9433

Curve Data

Curve BUSH_RIVER2-3
P.I. Station = 56+41.01 N 799,498.2647 E 1,968,194.9118
Delta = 1° 53' 06.73" (RT)
Degree = 1° 00' 00.00"
Tangent = 94.2686
Length = 188.5203
Radius = 5,729.5780
External = 0.7754
Long Chord = 188.5118
Mid. Ord. = 0.7753
P.C. Station = 55+46.74 N 799,481.0226 E 1,968,287.5902
P.T. Station = 57+35.26 N 799,518.5463 E 1,968,102.8508
C.C. = N 805,113.9473 E 1,969,335.5519
Back = N 79° 27' 39.80" W
Ahead = N 77° 34' 33.07" W
Chord Bear = N 78° 31' 06.43" W

Course from PT BUSH_RIVER2-3 to PC BUSH_RIVER2-4 N 77° 34' 33.07" W Dist 587.8893

Curve Data

Curve BUSH_RIVER2-4
P.I. Station = 65+72.81 N 799,698.7437 E 1,967,284.9098
Delta = 22° 41' 18.21" (LT)
Degree = 4° 29' 59.99"
Tangent = 249.6658
Length = 493.0756
Radius = 1,273.2400
External = 24.2472
Long Chord = 490.0002
Mid. Ord. = 23.7941
P.C. Station = 63+23.15 N 799,645.0289 E 1,967,528.7289
P.T. Station = 68+16.22 N 799,656.4018 E 1,967,038.8606
C.C. = N 798,401.6060 E 1,967,254.7952
Back = N 77° 34' 33.07" W
Ahead = S 80° 14' 08.72" W
Chord Bear = N 88° 40' 12.18" W

Course from PT BUSH_RIVER2-4 to BUSHRIVER26 S 80° 14' 08.72" W Dist 310.6117

Point BUSHRIVER26 N 799,603.7237 E 1,966,732.7484 Sta 71+26.83

Ending chain BUSH_RIVER2 description**BSHRIVERRAMPB****Beginning chain BSHRIVERRAMPB description****Curve Data**

Curve BSHRIVERRAMPB-1
P.I. Station = 1185.84 N 800,871.1106 E 1,966,974.2167
Delta = 25° 35' 04.10" (RT)
Degree = 7° 00' 00.03"
Tangent = 185.8443
Length = 365.4919
Radius = 818.5100
External = 20.8330
Long Chord = 362.4630
Mid. Ord. = 20.3159
P.C. Station = 10+00.00 N 800,945.0205 E 1,966,803.7015
P.T. Station = 13+65.49 N 800,730.8122 E 1,967,096.0955
C.C. = N 800,194.0240 E 1,966,478.1821
Back = S 66° 33' 56.45" E
Ahead = S 40° 58' 52.35" E
Chord Bear = S 53° 46' 24.40" E

Course from PT BSHRIVERRAMPB-1 to PC BSHRIVERRAMPB-2 S 40° 58' 52.35" E Dist 899.2600

Curve Data

Curve BSHRIVERRAMPB-2
P.I. Station = 24+34.39 N 799,923.8754 E 1,967,797.0904
Delta = 45° 01' 39.76" (RT)
Degree = 13° 59' 59.65"
Tangent = 159.8370
Length = 321.6300
Radius = 409.2600
External = 33.7642
Long Chord = 313.4169
Mid. Ord. = 31.1909
P.C. Station = 22+64.75 N 800,051.9386 E 1,967,685.8405
P.T. Station = 25+86.38 N 799,754.6613 E 1,967,785.1198
C.C. = N 799,783.5412 E 1,967,376.8800
Back = S 40° 58' 52.35" E
Ahead = S 4° 02' 47.42" W
Chord Bear = S 18° 28' 02.47" E

Course from PT BSHRIVERRAMPB-2 to BSHRIVERRAMPB03 S 4° 02' 47.42" W Dist 163.9765

Point BSHRIVERRAMPB03 N 799,591.0936 E 1,967,773.5486 Sta 27+50.36

Ending chain BSHRIVERRAMPB description**BSHRIVERDW1****Beginning chain BSHRIVERDW1 description**Point BSHRIVERDW100 N 799,586.2258 E 1,967,797.2648 Sta 10+00.00
Course from BSHRIVERDW100 to PC BSHRIVERDW1-1 S 4° 02' 50.45" W Dist 59.2600**Curve Data**

Curve BSHRIVERDW1-1
P.I. Station = 11+09.34 N 799,477.1571 E 1,967,789.5474
Delta = 7° 59' 59.89" (LT)
Degree = 7° 59' 59.89"
Tangent = 50.0814
Length = 100.0000
Radius = 716.2000
External = 1.7489
Long Chord = 99.9188
Mid. Ord. = 1.7446
P.C. Station = 10+59.26 N 799,527.1136 E 1,967,793.0822
P.T. Station = 11+59.26 N 799,427.1948 E 1,967,792.9996
C.C. = N 799,476.5636 E 1,968,507.4961
Back = S 4° 02' 50.45" W
Ahead = S 3° 57' 09.44" E
Chord Bear = S 0° 02' 50.50" W

Course from PT BSHRIVERDW1-1 to BSHRIVERDW101 S 3° 57' 09.44" E Dist 40.5800

Point BSHRIVERDW101 N 799,386.7113 E 1,967,795.7969 Sta 11+99.84

Ending chain BSHRIVERDW1 description**BSHRIVERDW2****Beginning chain BSHRIVERDW2 description**Point BSHRIVERDW200 N 799,427.1948 E 1,967,792.9996 Sta 10+00.00
Course from BSHRIVERDW200 to PC BSHRIVERDW2-1 N 86° 02' 50.56" E Dist 150.0100**Curve Data**

Curve BSHRIVERDW2-1
P.I. Station = 12+23.91 N 799,442.6293 E 1,968,016.3772
Delta = 33° 02' 48.04" (RT)
Degree = 23° 00' 00.89"
Tangent = 73.9001
Length = 143.6800
Radius = 249.1100
External = 10.7304
Long Chord = 141.6967
Mid. Ord. = 10.2873
P.C. Station = 11+50.01 N 799,437.5352 E 1,967,942.6528
P.T. Station = 12+93.69 N 799,406.8958 E 1,968,080.9528
C.C. = N 799,189.0178 E 1,967,959.8244
Back = N 86° 02' 50.56" E
Ahead = S 60° 54' 21.41" E
Chord Bear = S 77° 25' 45.43" E

Course from PT BSHRIVERDW2-1 to BSHRIVERDW201 S 60° 54' 21.41" E Dist 25.0900

Point BSHRIVERDW201 N 799,394.4959 E 1,968,102.8770 Sta 13+18.78

Ending chain BSHRIVERDW2 description

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TRACT(S)	ISSUED FOR	DATE	TRACT(S)	ISSUED FOR	DATE
	SHEET RELEASED	09/30/2019			
NA	UPDATED BUSH_RIVER2 and BSHRIVERRAMPB	12/06/2019			
NA	UPDATED BSHRIVERDW1	12/06/2019			

PLANS PREPARED BY
PLANS PREPARED FOR

South Carolina Department of Transportation
CAROLINA CROSSROADS
REFERENCE DATA SHEET
EXISTING ALIGNMENTS

MORNINGHILL1

LINE79

Curve Data

Table with columns: FILE NO., STATE, COUNTY, FILE NO., ROAD/ROUTE NO., SHEET NO. Values: 3, S.C., LEXINGTON/RICHLAND, PO39720, I-26/I-26, 5YY

LAWAND

Beginning chain MORNINGHILL1 description

Curve MORNINGHILL1-1
P.I. Station 11+31.01 N 798,251.7252 E 1,969,610.7289
Delta = 18° 26' 36.73" (RT)
Degree = 7° 08' 01.36"

Curve MORNINGHILL1-2
P.I. Station 14+51.31 N 798,563.5631 E 1,969,528.2437
Delta = 11° 08' 20.73" (RT)
Degree = 4° 59' 59.93"

Curve MORNINGHILL1-3
P.I. Station 18+48.53 N 798,960.6765 E 1,969,502.7233
Delta = 56° 39' 02.44" (LT)
Degree = 76° 23' 39.74"

Curve MORNINGHILL1-4
P.I. Station 19+10.50 N 798,994.6661 E 1,969,443.0661
Delta = 41° 15' 09.44" (RT)
Degree = 76° 22' 56.40"

Ending chain MORNINGHILL1 description

LINE70B

Beginning chain LINE70B description

Curve LINE70B-1
P.I. Station 42+96.76 N 799,377.1012 E 1,968,358.3509
Delta = 33° 03' 56.09" (RT)
Degree = 7° 30' 00.13"

Ending chain LINE70B description

Beginning chain LINE79 description

Curve LINE79-1
P.I. Station 12+71.89 N 799,361.3450 E 1,968,415.9715
Delta = 36° 45' 00.20" (RT)
Degree = 7° 00' 00.03"

Curve LINE79-2
P.I. Station 21+15.42 N 798,502.3136 E 1,968,491.0560
Delta = 13° 36' 17.13" (LT)
Degree = 2° 30' 00.00"

Ending chain LINE79 description

I26EB_CONN

Beginning chain I26EB_CONN description

Curve I26EB_CONN-1
P.I. Station 246+90.21 N 799,317.3829 E 1,968,530.9272
Delta = 26° 02' 25.71" (RT)
Degree = 4° 00' 00.05"

Curve I26EB_CONN-2
P.I. Station 254+98.66 N 798,528.0907 E 1,968,752.8569
Delta = 9° 44' 59.45" (RT)
Degree = 0° 59' 59.99"

Curve I26EB_CONN-3
P.I. Station 263+39.39 N 797,689.5496 E 1,968,840.3230
Delta = 27° 47' 43.03" (RT)
Degree = 4° 00' 00.08"

Curve I26EB_CONN-4
P.I. Station 280+85.33 N 796,055.9734 E 1,968,185.6010
Delta = 0° 45' 43.29" (LT)
Degree = 0° 15' 00.00"

Curve I26EB_CONN-5
P.I. Station 308+10.77 N 793,512.8892 E 1,967,205.4067
Delta = 1° 47' 31.92" (RT)
Degree = 0° 15' 00.00"

Ending chain I26EB_CONN description

I26_RAMPC_I-126

Beginning chain I26_RAMPC_I-126 description

Point EXRAMPC126001 N 797,266.1578 E 1,968,824.1676 Sta 10+00.00
Course from EXRAMPC126001 to PC I26RAMPC126-1 N 26° 47' 59.38" E Dist 333.4300

Curve I26RAMPC126-1
P.I. Station 16+14.66 N 797,814.7965 E 1,969,101.3029
Delta = 86° 00' 16.09" (RT)
Degree = 18° 59' 59.26"

Curve I26RAMPC126-2
P.I. Station 22+88.30 N 797,511.1477 E 1,969,823.5033
Delta = 29° 27' 55.40" (RT)
Degree = 3° 00' 00.00"

Curve I26RAMPC126-3
P.I. Station 37+85.74 N 796,309.2329 E 1,970,753.4649
Delta = 5° 05' 02.49" (LT)
Degree = 0° 15' 00.00"

Ending chain I26_RAMPC_I-126 description

Beginning chain LAWAND description

Curve LAWAND-1
P.I. Station 10+44.70 N 796,941.0169 E 1,970,819.5842
Delta = 48° 10' 04.91" (LT)
Degree = 57° 17' 44.81"

Curve LAWAND-2
P.I. Station 12+12.03 N 796,974.8583 E 1,970,650.2753
Delta = 47° 57' 13.86" (RT)
Degree = 47° 44' 47.34"

Curve LAWAND-3
P.I. Station 16+98.10 N 797,398.0413 E 1,970,398.5793
Delta = 24° 31' 07.81" (LT)
Degree = 19° 59' 59.26"

Curve LAWAND-4
P.I. Station 19+87.08 N 797,563.7961 E 1,970,159.5406
Delta = 35° 19' 06.36" (RT)
Degree = 33° 42' 12.24"

Curve LAWAND-5
P.I. Station 21+09.04 N 797,681.6844 E 1,970,116.7649
Delta = 19° 57' 23.40" (RT)
Degree = 14° 08' 24.96"

Ending chain LAWAND description

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Table with columns: TRACT(S), ISSUED FOR, DATE, TRACT(S), ISSUED FOR, DATE, PLANS PREPARED BY (HDR, STV), PLANS PREPARED FOR (SCDOT), CAROLINA CROSSROADS, REFERENCE DATA SHEET, EXISTING ALIGNMENTS, and a graphical scale bar.

EXRAILROAD

COLONIALLIFE1

Table with columns: FEEL. NO., STATE, COUNTY, FILE NO., ROADROUTE NO., SHEET NO. Values: 3, S.C., LEXINGTON/RICHLAND, P039720, 428A-20A-12S, 5ZZ

Beginning chain EXRAILROAD description
Point EXRAILROAD1 N 792,188.3006 E 1,977,903.9780 Sta 110+25.88
Course from EXRAILROAD1 to PC EXRAILROAD-1 N 89° 44' 53.62" W Dist 457.0100
Curve Data
Curve EXRAILROAD-1
P.I. Station 122+24.27 N 792,193.5666 E 1,976,705.5971

Curve Data
Curve EXRAILROAD-7
P.I. Station 160+15.38 N 794,183.3702 E 1,973,441.1173
Delta = 0° 18' 00.17" (LT)
Degree = 0° 15' 00.50"
Tangent = 59.9758
Length = 119.9514
Radius = 22,905.5202
External = 0.0785
Long Chord = 119.9512

Beginning chain COLONIALLIFE1 description
Point COLONIALLIFE11 N 796,325.9892 E 1,971,667.3000 Sta 204+32.50
Course from COLONIALLIFE11 to PC COLONIALLIFE1-1 N 23° 47' 22.42" E Dist 195.3000
Curve Data
Curve COLONIALLIFE1-1
P.I. Station 209+20.43 N 796,772.4614 E 1,971,864.1205
Delta = 28° 39' 59.94" (LT)
Degree = 5° 00' 10.46"

COLONIALRAMPD

Beginning chain COLONIALRAMPD description
Curve Data
Curve COLONIALRAMPD-1
P.I. Station 185+96.10 N 794,892.5534 E 1,972,502.3416
Delta = 1° 30' 00.91" (RT)
Degree = 1° 31' 17.44"

Table with columns: TRACT(S), ISSUED FOR, DATE. Rows include SHEET RELEASED, MOVED ARROWWOOD FROM SHEET 5AAA, COLONIALLIFE2 REVISED (EXTENDED).

PLANS PREPARED BY. Logos for HDR and STV.

PLANS PREPARED FOR. SCDOT South Carolina Department of Transportation logo. Scale bar: 0 100 200 400.

CAROLINA CROSSROADS. REFERENCE DATA SHEET. EXISTING ALIGNMENTS.

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.

ARROWWOOD (Continued From Sheet 5ZZ)

Curve Data
Curve ARROWWOOD-2
P.I. Station 191+11.19 N 795,190.6388 E 1,972,077.0848
Delta = 26° 12' 59.85" (RT)
Degree = 2° 49' 59.92"
Tangent = 470.8946
Length = 925.3000
Radius = 2,022.2200
External = 54.1026
Long Chord = 917.2491
Mid. Ord. = 52.6923
P.C. Station 186+40.30 N 794,957.4293 E 1,972,486.1753
P.T. Station 195+65.60 N 795,580.5805 E 1,971,813.1014
C.C. N 796,714.2364 E 1,973,487.6754
Back = N 60° 18' 50.05" W
Ahead = N 34° 05' 50.20" W
Chord Bear = N 47° 12' 20.12" W
Course from PT ARROWWOOD-2 to PC ARROWWOOD-3 N 34° 05' 50.20" W Dist 844.7000

BUSH_RIVER_X1

Beginning chain BUSH RIVER X1 description
Description: CL File 32.379 (Partial)
Curve Data
Curve BUSH_RIVER X1-1
P.I. Station 88+30.92 N 800,164.1452 E 1,962,474.7652
Delta = 12° 25' 00.00" (LT)
Degree = 1° 15' 00.00"
Tangent = 498.6196
Length = 993.3333
Radius = 4,583.6620
External = 2,994.3906
Long Chord = 2,994.3906
Mid. Ord. = 26.8821
P.C. Station 83+32.30 N 800,473.5891 E 1,962,083.7844
P.T. Station 93+25.63 N 799,946.0077 E 1,962,923.1373
C.C. N 804,067.7593 E 1,964,928.4105
Back = S 51° 38' 23.82" E
Ahead = S 64° 03' 23.82" E
Chord Bear = S 57° 50' 53.82" E

BUSH_RIVER_X2

Beginning chain BUSH RIVER X2 description
Description: CL File 32.443
Point BUSHRIVERX2 N 799,306.6177 E 1,964,463.5803 Sta 94+59.38
Course from BUSHRIVERX2 to PC BUSH RIVER X2-1 N 72° 04' 23.82" W Dist 2.4845
Curve Data
Curve BUSH_RIVER X2-1
P.I. Station 98+68.07 N 799,432.4115 E 1,964,074.7355
Delta = 8° 22' 00.00" (RT)
Degree = 1° 01' 54.12"
Tangent = 406.2016
Length = 810.9591
Radius = 5,553.5300
External = 14.8356
Long Chord = 810.2388
Mid. Ord. = 14.7961
P.C. Station 94+61.87 N 799,307.3825 E 1,964,461.2164
P.T. Station 102+72.82 N 799,612.3456 E 1,963,710.5604
C.C. N 804,591.2940 E 1,966,170.5947
Back = N 72° 04' 23.82" W
Ahead = N 63° 42' 23.82" W
Chord Bear = N 67° 53' 23.82" W

Course from PT BUSH RIVER X2-1 to PC BUSH RIVER X2-2 N 63° 42' 23.82" W Dist 1,296.1417
Curve Data
Curve BUSH_RIVER X2-2
P.I. Station 118+71.75 N 800,320.6192 E 1,962,277.0611
Delta = 12° 04' 00.00" (RT)
Degree = 2° 00' 00.00"
Tangent = 302.7866
Length = 603.3333
Radius = 2,864.7890
External = 15.9567
Long Chord = 602.2190
Mid. Ord. = 15.8683
P.C. Station 115+68.97 N 800,186.4945 E 1,962,548.5207
P.T. Station 121+72.30 N 800,508.5289 E 1,962,039.6381
C.C. N 802,754.8855 E 1,963,817.5296
Back = N 63° 42' 23.82" W
Ahead = N 51° 38' 23.82" W
Chord Bear = N 57° 40' 23.82" W
Course from PT BUSH RIVER X2-2 to BUSHRIVERX3 N 51° 38' 23.82" W Dist 778.7000
Point BUSHRIVERX3 N 800,991.7911 E 1,961,429.0389 Sta 129+51.00

Table with 4 columns: TRACT(S), ISSUED FOR, DATE, TRACT(S)

BUSH_RIVER

Beginning chain BUSH_RIVER description
Description: CL File 32.700
Curve Data
Curve BUSH_RIVER-1
P.I. Station 89+02.26 N 799,124.0253 E 1,965,027.9974
Delta = 34° 30' 37.42" (RT)
Degree = 3° 00' 00.00"
Tangent = 593.2173
Length = 1,150.3469
Radius = 1,909.8600
External = 90.0080
Long Chord = 1,133.0367
Mid. Ord. = 10.7842
P.C. Station 83+09.05 N 799,293.3386 E 1,965,596.5392
P.T. Station 94+59.39 N 799,306.6177 E 1,964,463.5803
C.C. N 801,123.7559 E 1,965,051.4358
Back = S 73° 24' 58.76" W
Ahead = N 72° 04' 23.82" W
Chord Bear = N 89° 19' 42.53" W
Course from PT BUSH_RIVER-1 to PC BUSH_RIVER-2 N 72° 04' 23.82" W Dist 140.8028

Curve Data
Curve BUSH_RIVER-2
P.I. Station 100+19.27 N 799,478.9493 E 1,963,930.8808
Delta = 8° 22' 00.00" (RT)
Degree = 1° 00' 00.00"
Tangent = 419.0783
Length = 836.6667
Radius = 5,729.5780
External = 15.3059
Long Chord = 835.9235
Mid. Ord. = 15.2651
P.C. Station 96+00.20 N 799,349.9569 E 1,964,329.6133
P.T. Station 104+36.86 N 799,664.5875 E 1,963,555.1614
C.C. N 804,801.3695 E 1,966,093.1792
Back = N 72° 04' 23.82" W
Ahead = N 63° 42' 23.82" W
Chord Bear = N 67° 53' 23.82" W
Course from PT BUSH_RIVER-2 to PC BUSH_RIVER-3 N 63° 42' 23.82" W Dist 1,030.7663

Curve Data
Curve BUSH_RIVER-3
P.I. Station 117+70.42 N 800,255.3083 E 1,962,359.5811
Delta = 12° 04' 00.00" (RT)
Degree = 2° 00' 00.00"
Tangent = 302.7866
Length = 603.3333
Radius = 2,864.7890
External = 15.9567
Long Chord = 602.2190
Mid. Ord. = 15.8683
P.C. Station 114+67.63 N 800,121.1836 E 1,962,631.0407
P.T. Station 120+70.96 N 800,443.2180 E 1,962,122.1581
C.C. N 802,689.5746 E 1,963,900.0496
Back = N 63° 42' 23.82" W
Ahead = N 51° 38' 23.82" W
Chord Bear = N 57° 40' 23.82" W
Course from PT BUSH_RIVER-3 to BUSHRIVER2 N 51° 38' 23.82" W Dist 105.2381
Point BUSHRIVER2 N 800,508.5289 E 1,962,039.6381 Sta 121+76.20

Ending chain BUSH_RIVER description

BSHRIVERRAMP

Beginning chain BSHRIVERRAMP description
Point BSHRIVERRAMP1 N 799,513.8458 E 1,963,968.1183 Sta 109+64.85
Course from BSHRIVERRAMP1 to PC BSHRIVERRAMP-1 N 62° 26' 35.59" W Dist 135.0167
Curve Data
Curve BSHRIVERRAMP-1
P.I. Station 114+95.01 N 799,759.1122 E 1,963,498.1037
Delta = 90° 00' 00.00" (RT)
Degree = 14° 30' 00.04"
Tangent = 395.1430
Length = 620.6892
Radius = 395.1430
External = 163.6736
Long Chord = 558.8166
Mid. Ord. = 115.7347
P.C. Station 110+99.87 N 799,576.3082 E 1,963,848.4188
P.T. Station 117+20.56 N 800,109.4273 E 1,963,680.9077
C.C. N 799,926.6233 E 1,964,031.2228
Back = N 62° 26' 35.59" W
Ahead = N 27° 33' 24.41" E
Chord Bear = N 17° 26' 35.59" W

Curve Data
Curve BSHRIVERRAMP-2
P.I. Station 118+61.28 N 800,234.1901 E 1,963,746.0123
Delta = 16° 48' 00.00" (RT)
Degree = 5° 59' 59.99"
Tangent = 140.7280
Length = 279.4445
Radius = 954.9300
External = 10.3138
Long Chord = 278.4485
Mid. Ord. = 10.0316
P.C. Station 117+20.56 N 800,109.4273 E 1,963,680.9077
P.T. Station 120+00.00 N 800,334.8678 E 1,963,844.3401
C.C. N 799,667.6505 E 1,964,527.5036
Back = N 27° 33' 24.41" E
Ahead = N 44° 19' 24.41" E
Chord Bear = N 35° 56' 24.41" E

Table with 4 columns: TRACT(S), ISSUED FOR, DATE, TRACT(S)

BSHRIVERRAMP

Beginning chain BSHRIVERRAMP description
Curve Data
Curve BSHRIVERRAMP-1
P.I. Station 102+03.82 N 799,151.0334 E 1,962,491.0210
Delta = 12° 11' 00.00" (LT)
Degree = 3° 00' 00.00"
Tangent = 203.8241
Length = 406.1110
Radius = 1,909.8590
External = 10.8455
Long Chord = 405.3464
Mid. Ord. = 10.7842
P.C. Station 100+00.00 N 799,005.7294 E 1,962,348.0839
P.T. Station 104+06.11 N 799,323.2303 E 1,962,600.0737
C.C. N 800,345.0689 E 1,960,986.5660
Back = N 44° 31' 46.27" E
Ahead = N 32° 20' 46.27" E
Chord Bear = N 36° 26' 16.27" E
Course from PT BSHRIVERRAMP-1 to BSHRIVERRAMP2 N 32° 20' 46.27" E Dist 733.2000
Point BSHRIVERRAMP2 N 799,942.6603 E 1,962,992.3603 Sta 111+39.31

Ending chain BSHRIVERRAMP description
BSHRIVERRAMP

Beginning chain BSHRIVERRAMP description
Point BSHRIVERRAMP1 N 798,545.4708 E 1,962,029.9426 Sta 94+50.00
Course from BSHRIVERRAMP1 to PC BSHRIVERRAMP-1 N 48° 27' 54.95" E Dist 636.0000
Curve Data
Curve BSHRIVERRAMP-1
P.I. Station 104+29.96 N 799,195.2597 E 1,962,763.4987
Delta = 39° 37' 00.27" (RT)
Degree = 5° 59' 59.31"
Tangent = 343.9644
Length = 660.3000
Radius = 954.9600
External = 60.0573
Long Chord = 647.2249
Mid. Ord. = 56.5038
P.C. Station 100+86.00 N 798,967.1858 E 1,962,506.0229
P.T. Station 107+46.30 N 799,206.7718 E 1,963,107.2704
C.C. N 798,252.3468 E 1,963,139.2320
Back = N 48° 27' 54.95" E
Ahead = N 88° 04' 55.22" E
Chord Bear = N 68° 16' 25.09" E
Course from PT BSHRIVERRAMP-1 to PC BSHRIVERRAMP-2 N 88° 04' 55.22" E Dist 250.1000

Curve Data
Curve BSHRIVERRAMP-2
P.I. Station 112+19.81 N 799,222.6199 E 1,963,580.5193
Delta = 63° 54' 58.26" (LT)
Degree = 15° 59' 56.56"
Tangent = 223.4142
Length = 399.5000
Radius = 358.1200
External = 63.9746
Long Chord = 379.1050
Mid. Ord. = 54.2783
P.C. Station 109+96.40 N 799,215.1424 E 1,963,357.2303
P.T. Station 113+95.90 N 799,426.4551 E 1,963,671.9803
C.C. N 799,573.0618 E 1,963,345.2443
Back = N 88° 04' 55.22" E
Ahead = N 24° 09' 56.96" E
Chord Bear = N 56° 07' 26.09" E
Course from PT BSHRIVERRAMP-2 to BSHRIVERRAMP2 N 24° 09' 56.96" E Dist 165.4972
Point BSHRIVERRAMP2 N 799,577.4488 E 1,963,739.7313 Sta 115+61.40

Ending chain BSHRIVERRAMP description
ROCKLAND

Beginning chain ROCKLAND description
Point ROCKLAND1 N 799,396.4882 E 1,964,191.7790 Sta 0+00.00
Course from ROCKLAND1 to ROCKLAND1000 N 25° 51' 09.66" E Dist 50.6020
Equation: Sta 0+50.60 (BK) = Sta 0+50.00 (AH)
Begin Region 2
Point ROCKLAND1000 N 799,442.0259 E 1,964,213.8444 Sta 0+50.00
Course from ROCKLAND1000 to PC ROCKLAND-1 N 25° 51' 09.66" E Dist 52.0990
Curve Data
Curve ROCKLAND-1
P.I. Station 1+82.14 N 799,560.9450 E 1,964,271.4671
Delta = 31° 12' 55.96" (RT)
Degree = 19° 59' 44.65"
Tangent = 80.0453
Length = 156.1110
Radius = 286.5400
External = 10.9704
Long Chord = 154.1874
Mid. Ord. = 10.5659
P.C. Station 1+02.10 N 799,488.9108 E 1,964,236.5627
P.T. Station 2+58.21 N 799,604.4608 E 1,964,338.6506
C.C. N 799,363.9625 E 1,964,494.4252
Back = N 25° 51' 09.66" E
Ahead = N 57° 04' 05.61" E
Chord Bear = N 41° 27' 37.64" E
Course from PT ROCKLAND-1 to PC ROCKLAND-2 N 57° 04' 05.61" E Dist 228.5606

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PLANS PREPARED BY: HDR and STV logos. PLANS PREPARED FOR: SCDOT South Carolina Department of Transportation. CAROLINA CROSSROADS REFERENCE DATA SHEET EXISTING ALIGNMENTS. Scale: 0 100 200 400.

Table with 6 columns: FEEL. NO., STATE, COUNTY, FILE NO., ROADROUTE NO., SHEET NO.

FED. RD. DIST. NO.	STATE	COUNTY	FILE NO.	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LXINGTON/RICHLAND	PO39720	1251-201-125	55BB

BROAD_RIVER2

Beginning chain BROAD_RIVER2 description
 Point BROADRIVER21 N 800,741.2947 E 1,973,146.2627 Sta 165+00.00
 Course from BROADRIVER21 to PC BROAD_RIVER2-1 N 23° 52' 44.52" W Dist 459.5000
 Curve Data
 Curve BROAD_RIVER2-1
 P.I. Station 184+99.95 N 802,331.4982 E 1,971,974.1668
 Delta = 3° 32' 00.00" (LT)
 Degree = 1° 00' 00.00"
 Tangent = 151.4480
 Length = 302.8000
 Radius = 4,910.1400
 External = 2.3351
 Long Chord = 302.7520
 Mid. Ord. = 2.3340
 P.C. Station 183+48.50 N 802,224.1825 E 1,972,081.0303
 P.T. Station 186+41.30 N 802,432.0241 E 1,971,860.8926
 C.C. N 798,759.5277 E 1,968,601.7141
 Back = N 44° 52' 44.49" W
 Ahead = N 48° 24' 44.49" W
 Chord Bear = N 46° 38' 44.49" W
 Course from PT BROAD_RIVER2-1 to PC BROAD_RIVER2-2 N 44° 52' 44.49" W Dist 689.0000
 Curve Data
 Curve BROAD_RIVER2-2
 P.I. Station 202+29.42 N 803,479.5246 E 1,970,680.5516
 Delta = 6° 56' 00.04" (RT)
 Degree = 2° 00' 00.00"
 Tangent = 173.5454
 Length = 346.6672
 Radius = 2,864.7890
 External = 5.2518
 Long Chord = 346.4557
 Mid. Ord. = 5.2422
 P.C. Station 200+55.87 N 803,364.3313 E 1,970,810.3534
 P.T. Station 204+02.54 N 803,609.5446 E 1,970,565.6045
 C.C. N 805,507.0253 E 1,972,711.8997
 Back = N 48° 24' 44.49" W
 Ahead = N 41° 28' 44.46" W
 Chord Bear = N 44° 56' 44.48" W
 Course from PT BROAD_RIVER2-2 to PC BROAD_RIVER2-3 N 48° 24' 44.49" W Dist 1,404.5744
 Curve Data
 Curve BROAD_RIVER2-3
 P.I. Station 212+74.02 N 803,168.8812 E 1,972,437.3529
 Delta = 8° 02' 00.12" (LT)
 Degree = 2° 59' 59.15"
 Tangent = 134.1198
 Length = 267.8000
 Radius = 1,910.0100
 External = 4.7031
 Long Chord = 267.5807
 Mid. Ord. = 4.6916
 P.C. Station 211+39.90 N 803,135.3965 E 1,972,307.4803
 P.T. Station 214+07.70 N 803,220.1869 E 1,972,561.2716
 C.C. N 804,984.9222 E 1,971,830.6229
 Back = N 75° 32' 32.91" E
 Ahead = N 67° 30' 32.79" E
 Chord Bear = N 71° 31' 32.85" E
 Course from PT BROAD_RIVER2-3 to BROADRIVER22 N 41° 28' 44.46" W Dist 597.4580
 Point BROADRIVER22 N 804,057.1591 E 1,970,169.8808 Sta 210+00.00
 Ending chain BROAD_RIVER2 description

BRDRIVERAMP2

Beginning chain BRDRIVERAMP2 description
 Point BRDRIVERAMP21 N 802,887.8315 E 1,971,347.2813 Sta 201+48.30
 Course from BRDRIVERAMP21 to PC BRDRIVERAMP2-1 N 75° 32' 32.91" E Dist 991.6000
 Curve Data
 Curve BRDRIVERAMP2-1
 P.I. Station 212+74.02 N 803,168.8812 E 1,972,437.3529
 Delta = 8° 02' 00.12" (LT)
 Degree = 2° 59' 59.15"
 Tangent = 134.1198
 Length = 267.8000
 Radius = 1,910.0100
 External = 4.7031
 Long Chord = 267.5807
 Mid. Ord. = 4.6916
 P.C. Station 211+39.90 N 803,135.3965 E 1,972,307.4803
 P.T. Station 214+07.70 N 803,220.1869 E 1,972,561.2716
 C.C. N 804,984.9222 E 1,971,830.6229
 Back = N 75° 32' 32.91" E
 Ahead = N 67° 30' 32.79" E
 Chord Bear = N 71° 31' 32.85" E
 Course from PT BRDRIVERAMP2-1 to BRDRIVERAMP2 N 67° 30' 32.79" E Dist 91.2000
 Point BRDRIVERAMP2 N 803,255.0742 E 1,972,645.5349 Sta 214+98.90
 Ending chain BRDRIVERAMP2 description

BRDRIVERAMPF

Beginning chain BRDRIVERAMPF description
 Point BRDRIVERAMPF1 N 802,376.9374 E 1,969,993.3092 Sta 186+35.40
 Course from BRDRIVERAMPF1 to PC BRDRIVERAMPF-1 N 89° 20' 20.40" E Dist 55.3000
 Curve Data
 Curve BRDRIVERAMPF-1
 P.I. Station 192+92.57 N 802,384.5187 E 1,970,650.4307
 Delta = 34° 59' 00.07" (LT)
 Degree = 3° 00' 00.11"
 Tangent = 601.8652
 Length = 1,166.1000
 Radius = 1,909.8400
 External = 92.5912
 Long Chord = 1,148.0707
 Mid. Ord. = 88.3098
 P.C. Station 186+90.70 N 802,377.5753 E 1,970,048.6055
 P.T. Station 198+56.80 N 802,735.2570 E 1,971,139.5364
 C.C. N 804,287.2882 E 1,970,026.5729
 Back = N 89° 20' 20.40" E
 Ahead = N 54° 21' 20.33" E
 Chord Bear = N 71° 50' 50.38" E
 Course from PT BRDRIVERAMPF-1 to BRDRIVERAMPF2 N 54° 21' 20.33" E Dist 258.4000
 Point BRDRIVERAMPF2 N 802,885.8402 E 1,971,349.5251 Sta 201+15.20
 Ending chain BRDRIVERAMPF description

BRDRIVERAMPG

Beginning chain BRDRIVERAMPG description
 Point BRDRIVERAMPG1 N 802,269.1913 E 1,970,209.5880 Sta 188+50.00
 Course from BRDRIVERAMPG1 to PC BRDRIVERAMPG-1 N 87° 15' 30.32" E Dist 1,189.7000
 Curve Data
 Curve BRDRIVERAMPG-1
 P.I. Station 201+99.96 N 802,333.7618 E 1,971,558.0065
 Delta = 12° 46' 00.13" (LT)
 Degree = 3° 59' 58.54"
 Tangent = 160.2636
 Length = 319.2000
 Radius = 1,432.5400
 External = 8.9368
 Long Chord = 318.5401
 Mid. Ord. = 8.8814
 P.C. Station 200+39.70 N 802,326.0962 E 1,971,397.9263
 P.T. Station 203+58.90 N 802,376.6127 E 1,971,712.4352
 C.C. N 803,756.9965 E 1,971,329.4060
 Back = N 87° 15' 30.32" E
 Ahead = N 74° 29' 30.19" E
 Chord Bear = N 80° 52' 30.25" E
 Course from PT BRDRIVERAMPG-1 to BRDRIVERAMPG2 N 74° 29' 30.19" E Dist 166.7000
 Point BRDRIVERAMPG2 N 802,421.1846 E 1,971,873.0660 Sta 205+25.60
 Ending chain BRDRIVERAMPG description

BRDRIVERAMPH

Beginning chain BRDRIVERAMPH description
 Point BRDRIVERAMPH1 N 802,421.1846 E 1,971,873.0660 Sta 203+95.20
 Course from BRDRIVERAMPH1 to PC BRDRIVERAMPH-1 N 42° 14' 35.12" E Dist 340.7000
 Curve Data
 Curve BRDRIVERAMPH-1
 P.I. Station 210+71.80 N 802,922.0714 E 1,972,327.9293
 Delta = 19° 56' 59.97" (RT)
 Degree = 3° 00' 00.00"
 Tangent = 335.9005
 Length = 665.0000
 Radius = 1,909.8600
 External = 29.3136
 Long Chord = 661.6458
 Mid. Ord. = 28.8705
 P.C. Station 207+35.90 N 802,673.4045 E 1,972,102.1109
 P.T. Station 214+00.90 N 803,078.7668 E 1,972,625.0416
 C.C. N 801,389.4486 E 1,973,515.9788
 Back = N 42° 14' 35.12" E
 Ahead = N 62° 11' 35.10" E
 Chord Bear = N 52° 13' 05.11" E
 Course from PT BRDRIVERAMPH-1 to BRDRIVERAMPH2 N 62° 11' 35.10" E Dist 99.1000
 Point BRDRIVERAMPH2 N 803,124.9963 E 1,972,712.6980 Sta 215+00.00
 Ending chain BRDRIVERAMPH description

BROAD_RIVER3

Beginning chain BROAD_RIVER3 description
 Point BROADRIVER1939 N 800,741.2947 E 1,973,146.2627 Sta 165+00.00
 Course from BROADRIVER1939 to PC BROAD_RIVER3-1 N 23° 52' 44.52" W Dist 459.5000
 Curve Data
 Curve BROAD_RIVER3-1
 P.I. Station 173+13.47 N 801,485.1348 E 1,972,816.9638
 Delta = 20° 59' 59.97" (LT)
 Degree = 3° 00' 00.00"
 Tangent = 353.9715
 Length = 700.0000
 Radius = 1,909.8600
 External = 32.5254
 Long Chord = 696.0884
 Mid. Ord. = 31.9808
 P.C. Station 169+59.50 N 801,161.4625 E 1,972,960.2539
 P.T. Station 176+59.50 N 801,735.9583 E 1,972,567.1972
 C.C. N 800,388.3378 E 1,971,213.8738
 Back = N 23° 52' 44.52" W
 Ahead = N 44° 52' 44.49" W
 Chord Bear = N 34° 22' 44.51" W
 Course from PT BROAD_RIVER3-1 to PC BROAD_RIVER3-2 N 44° 52' 44.49" W Dist 1,151.1989
 Curve Data
 Curve BROAD_RIVER3-2
 P.I. Station 191+08.55 N 802,762.7534 E 1,971,544.7289
 Delta = 5° 57' 06.07" (LT)
 Degree = 1° 00' 00.00"
 Tangent = 297.8523
 Length = 595.1699
 Radius = 5,729.5890
 External = 7.7367
 Long Chord = 594.9013
 Mid. Ord. = 7.7263
 P.C. Station 188+10.70 N 802,551.6958 E 1,971,754.8971
 P.T. Station 194+05.87 N 802,950.8810 E 1,971,313.8090
 C.C. N 798,508.8341 E 1,967,694.9271
 Back = N 44° 52' 44.49" W
 Ahead = N 50° 49' 50.56" W
 Chord Bear = N 47° 51' 17.53" W
 Course from PT BROAD_RIVER3-2 to PC BROAD_RIVER3-3 N 50° 49' 50.56" W Dist 530.5799
 Curve Data
 Curve BROAD_RIVER3-3
 P.I. Station 201+70.76 N 803,433.9978 E 1,970,720.8006
 Delta = 9° 21' 06.11" (RT)
 Degree = 2° 00' 00.00"
 Tangent = 234.3128
 Length = 467.5848
 Radius = 2,864.7890
 External = 9.5663
 Long Chord = 467.0660
 Mid. Ord. = 9.5345
 P.C. Station 199+36.45 N 803,286.0026 E 1,970,902.4594
 P.T. Station 204+04.03 N 803,609.5446 E 1,970,565.6045
 C.C. N 805,507.0253 E 1,972,711.8997
 Back = N 50° 49' 50.56" W
 Ahead = N 41° 28' 44.46" W
 Chord Bear = N 46° 09' 17.51" W
 Course from PT BROAD_RIVER3-3 to BROADRIVER1940 N 41° 28' 44.46" W Dist 597.4580
 Point BROADRIVER1940 N 804,057.1591 E 1,970,169.8808 Sta 210+01.49
 Ending chain BROAD_RIVER3 description

GALE-EX

Beginning chain GALE-EX description
 Point GALEEX100 N 802,213.1929 E 1,969,264.9498 Sta 0+00.00
 Course from GALEEX100 to GALEEX101 S 88° 05' 27.99" W Dist 680.6499
 Point GALEEX101 N 802,190.5203 E 1,968,584.6776 Sta 6+80.65
 Ending chain GALE-EX description

FAIRHAVEN-EX

Beginning chain FAIRHAVEN-EX description
 Point FAIRHAVENEX100 N 801,764.6964 E 1,968,603.9491 Sta 20+32.74
 Course from FAIRHAVENEX100 to FAIRHAVENEX101 N 2° 35' 28.55" W Dist 426.2598
 Point FAIRHAVENEX101 N 802,190.5203 E 1,968,584.6776 Sta 24+59.00
 Ending chain FAIRHAVEN-EX description

LUSTER

Beginning chain LUSTER description
 Point LUSTER100 N 799,746.5918 E 1,968,958.3296 Sta 0+00.00
 Course from LUSTER100 to LUSTER101 N 0° 36' 21.34" E Dist 276.0937
 Point LUSTER101 N 800,022.6700 E 1,968,961.2494 Sta 2+76.09
 Course from LUSTER101 to LUSTER102 N 3° 16' 21.34" E Dist 471.2375
 Point LUSTER102 N 800,493.1390 E 1,968,988.1507 Sta 7+47.33
 Course from LUSTER102 to LUSTER103 N 4° 10' 21.34" E Dist 129.4903
 Point LUSTER103 N 800,622.2860 E 1,968,997.5725 Sta 8+76.82
 Course from LUSTER103 to LUSTER104 N 0° 34' 38.66" W Dist 270.2462
 Point LUSTER104 N 800,892.5185 E 1,968,994.8491 Sta 11+47.07
 Course from LUSTER104 to LUSTER105 N 4° 02' 38.66" W Dist 660.1178
 Point LUSTER105 N 801,550.9927 E 1,968,948.2951 Sta 18+07.19
 Course from LUSTER105 to LUSTER106 N 1° 49' 37.08" W Dist 651.2855
 Point LUSTER106 N 802,201.9472 E 1,968,927.5314 Sta 24+58.47
 Ending chain LUSTER description

MORNINGHILL3

Beginning chain MORNINGHILL3 description
 Point MORNINGHILL300 N 802,213.1929 E 1,969,264.9498 Sta 0+00.00
 Course from MORNINGHILL300 to MORNINGHILL301 S 2° 37' 45.17" E Dist 419.2504
 Point MORNINGHILL301 N 801,794.3839 E 1,969,284.1818 Sta 4+19.25
 Ending chain MORNINGHILL3 description

LONGCREEK

Beginning chain LONGCREEK description
 Point LONGCREEK100 N 801,830.1331 E 1,972,473.4193 Sta 0+00.00
 Course from LONGCREEK100 to PC LONGCREEK-1 N 44° 56' 15.57" E Dist 256.4559
 Curve Data
 Curve LONGCREEK-1
 P.I. Station 3+23.39 N 802,059.0515 E 1,972,701.8401
 Delta = 20° 14' 23.26" (LT)
 Degree = 15° 16' 43.95"
 Tangent = 66.9320
 Length = 132.4691
 Radius = 375.0000
 External = 5.9264
 Long Chord = 131.7815
 Mid. Ord. = 5.8342
 P.C. Station 2+56.46 N 802,011.6719 E 1,972,654.5635
 P.T. Station 3+88.93 N 802,119.8609 E 1,972,729.8065
 C.C. N 802,276.5483 E 1,972,389.1101
 Back = N 44° 56' 15.57" E
 Ahead = N 24° 41' 52.30" E
 Chord Bear = N 34° 49' 03.94" E
 Course from PT LONGCREEK-1 to PC LONGCREEK-2 N 24° 41' 52.30" E Dist 195.3046
 Curve Data
 Curve LONGCREEK-2
 P.I. Station 8+57.08 N 802,545.1937 E 1,972,925.4185
 Delta = 38° 47' 28.29" (RT)
 Degree = 7° 23' 34.81"
 Tangent = 272.8536
 Length = 524.7014
 Radius = 775.0000
 External = 46.6289
 Long Chord = 514.7374
 Mid. Ord. = 43.9827
 P.C. Station 5+84.23 N 802,297.2997 E 1,972,811.4112
 P.T. Station 11+08.93 N 802,666.9871 E 1,973,169.5814
 C.C. N 801,973.4790 E 1,973,515.5172
 Back = N 24° 41' 52.30" E
 Ahead = N 63° 29' 20.60" E
 Chord Bear = N 44° 05' 36.45" E
 Course from PT LONGCREEK-2 to LONGCREEK101 N 63° 29' 20.60" E Dist 125.1129
 Point LONGCREEK101 N 802,722.8336 E 1,973,281.5386 Sta 12+34.04
 Ending chain LONGCREEK description

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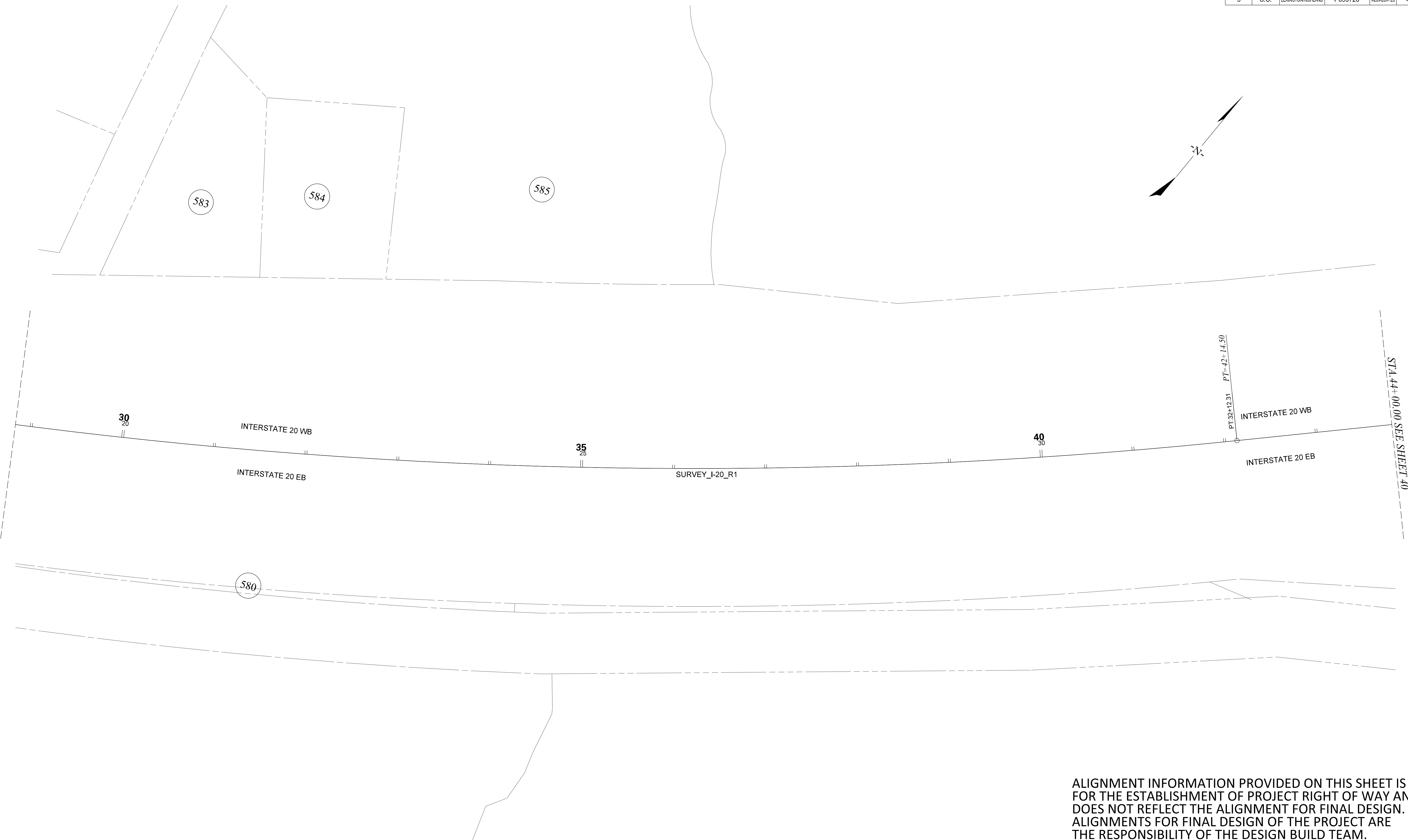
TRACT(S)			ISSUED FOR			DATE		
NA	UPDATED BROAD_RIVER2	11-01-2019						
NA	UPDATED BROAD_RIVER3	01-13-2020						

PLANS PREPARED BY

PLANS PREPARED FOR

 South Carolina Department of Transportation

CAROLINA CROSSROADS
 REFERENCE DATA SHEET
 EXISTING ALIGNMENTS



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TRACT(S)	ISSUED FOR	DATE	TRACT(S)	ISSUED FOR	DATE

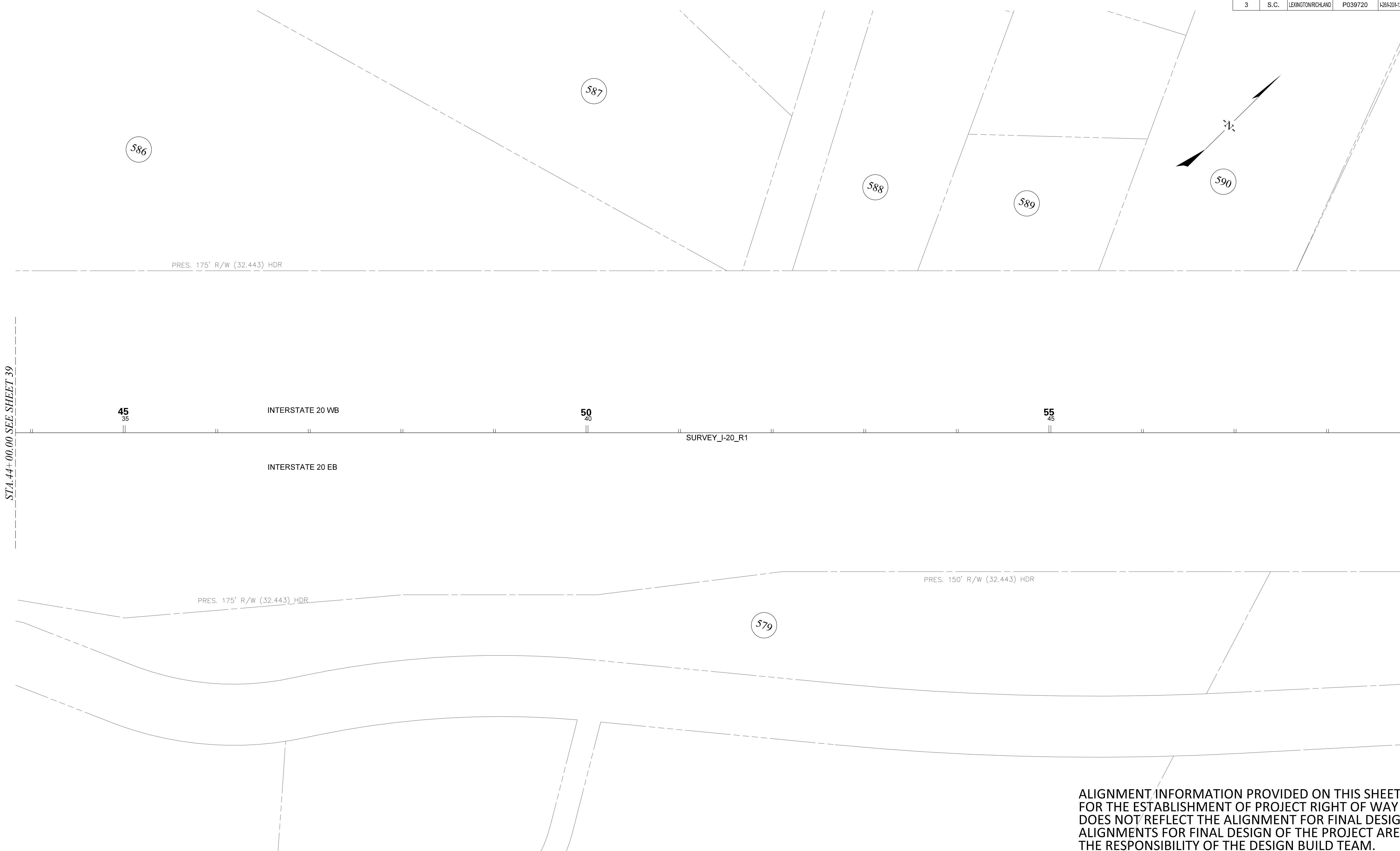
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PLAN SHEET



STA. 44+00.00 SEE SHEET 39

STA. 59+00.00 SEE SHEET 41

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TRACT(S)	ISSUED FOR	DATE	TRACT(S)	ISSUED FOR	DATE

PLANS PREPARED BY

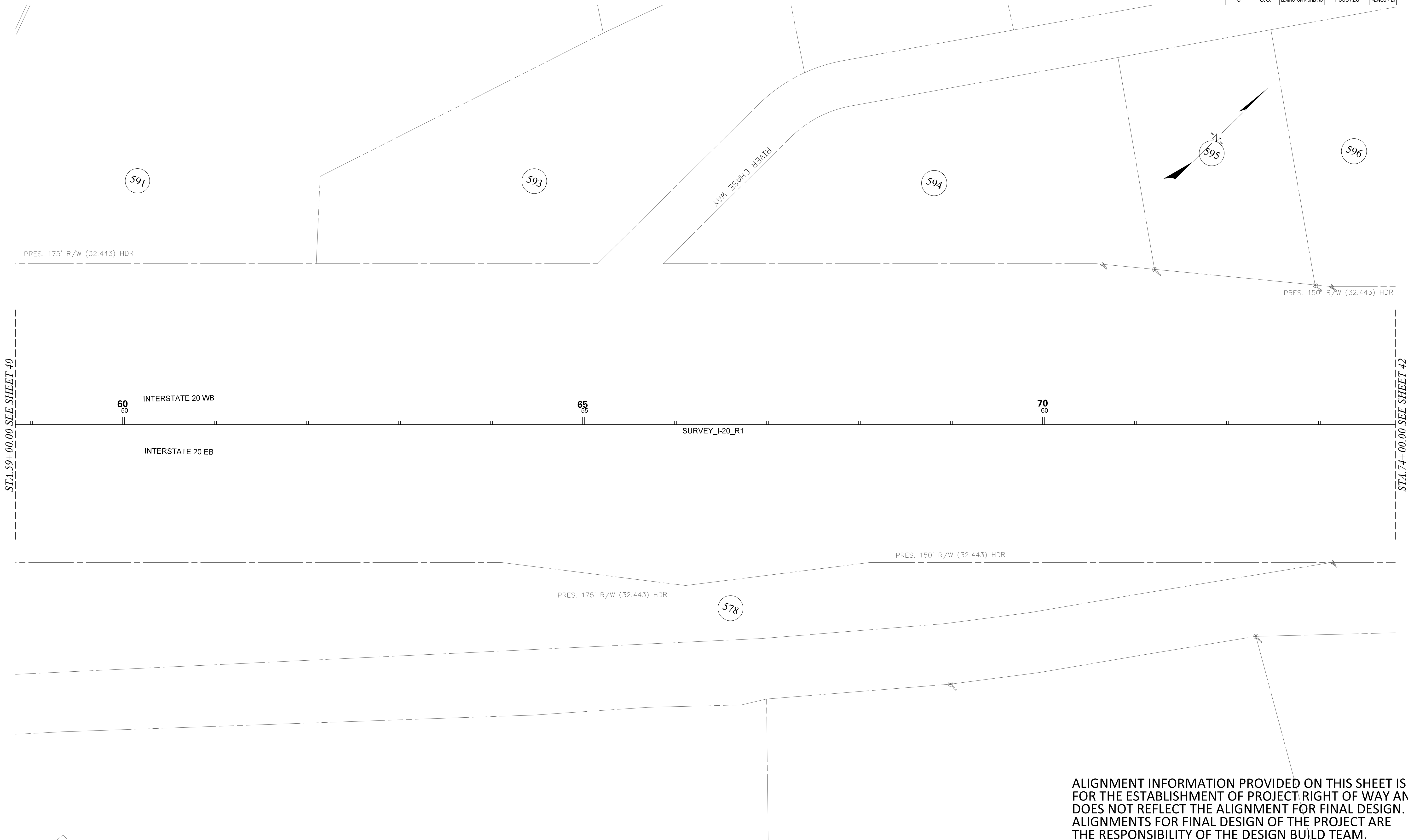


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CAROLINA CROSSROADS

PLAN SHEET



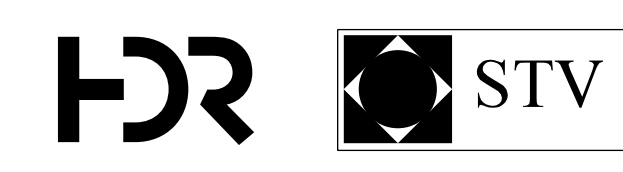
STA. 59+00.00 SEE SHEET 40

STA. 74+00.00 SEE SHEET 42

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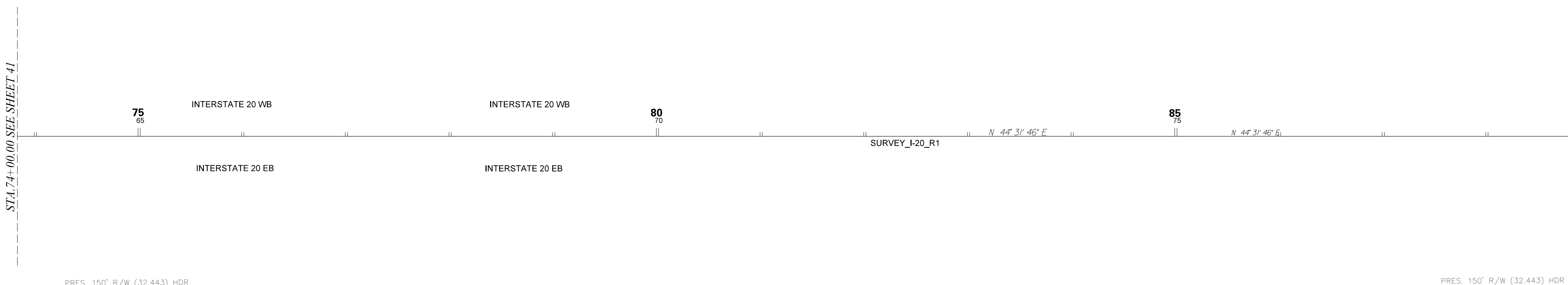
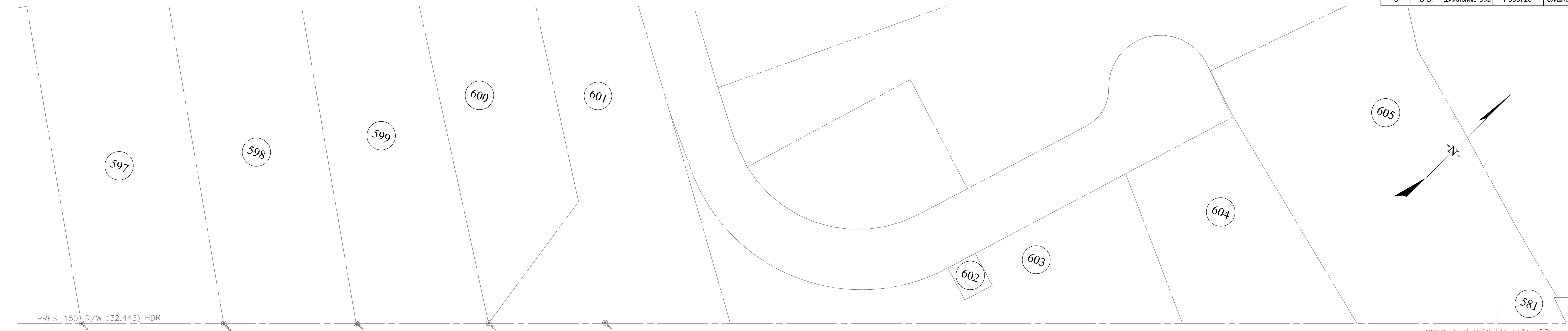
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FED. RD. DIV. NO.	STATE	COUNTY	FILE NO.	ROADROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON/RICHLAND	P039720	125+201-208	42



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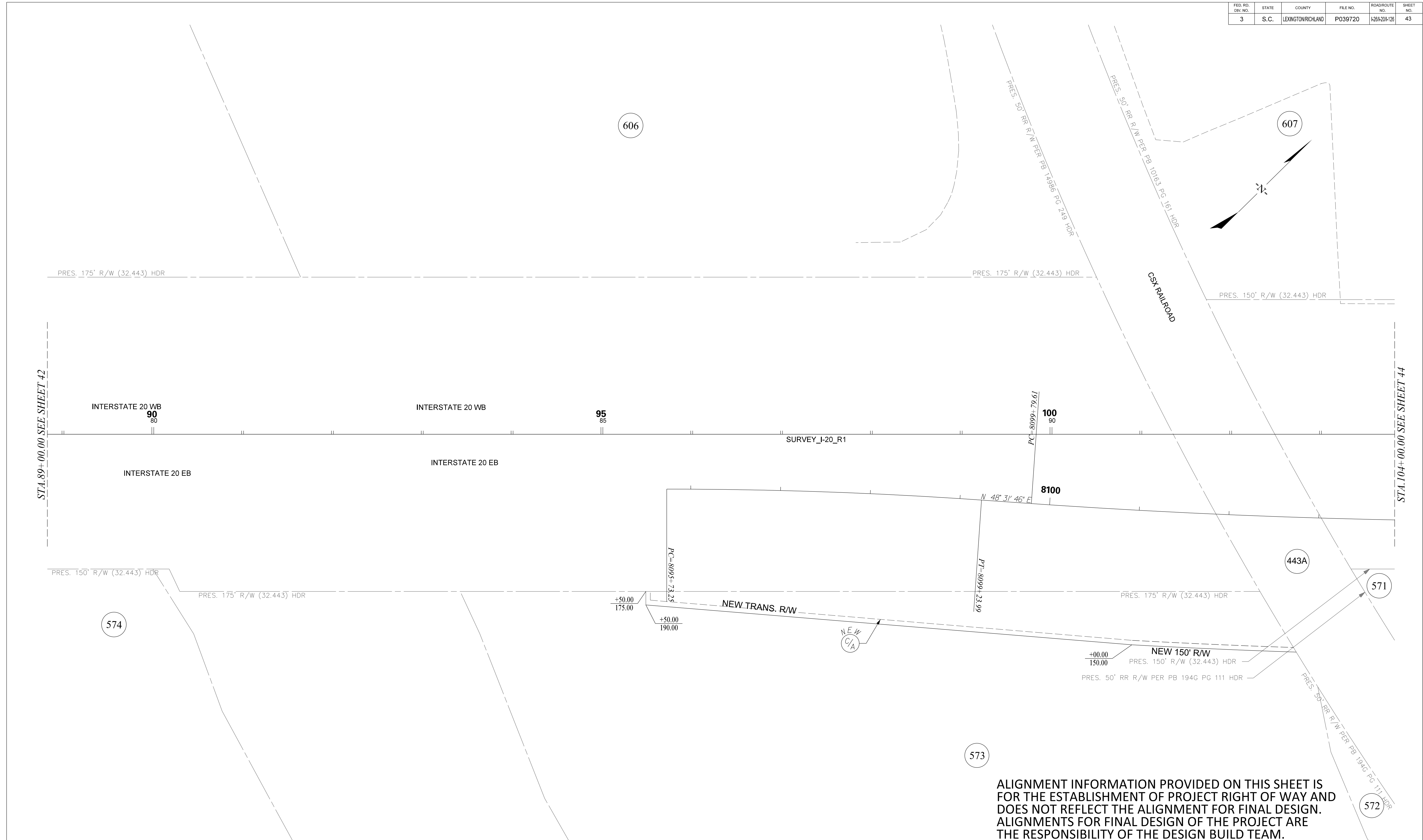
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571, 573	ROW ACQUISITION	01-20-2021			

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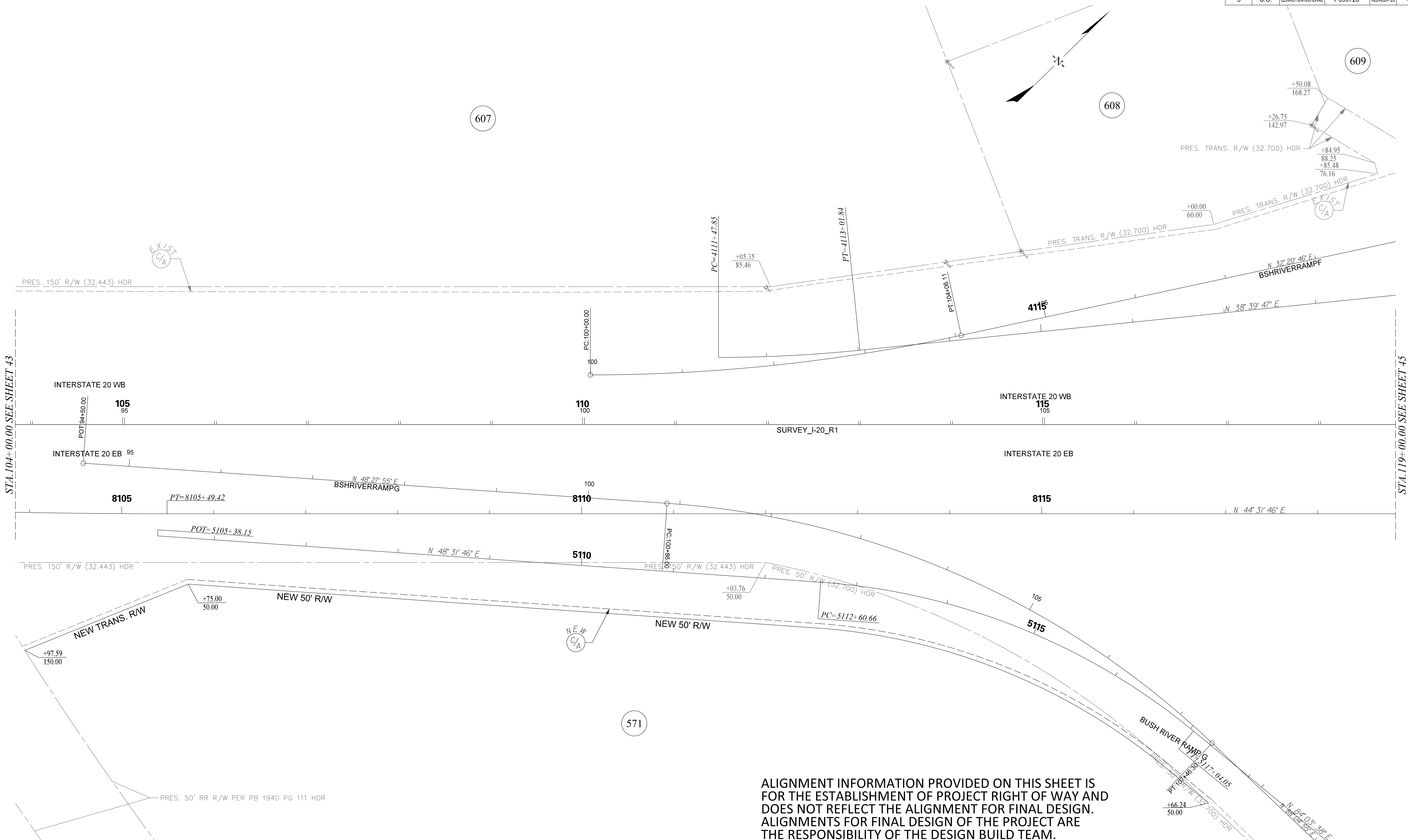
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FED. RD. DIV. NO.	STATE	COUNTY	FILE NO.	ROADROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON/RICHLAND	P039720	425+201-208	44



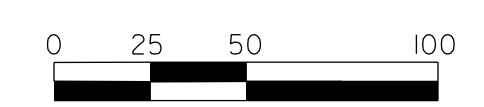
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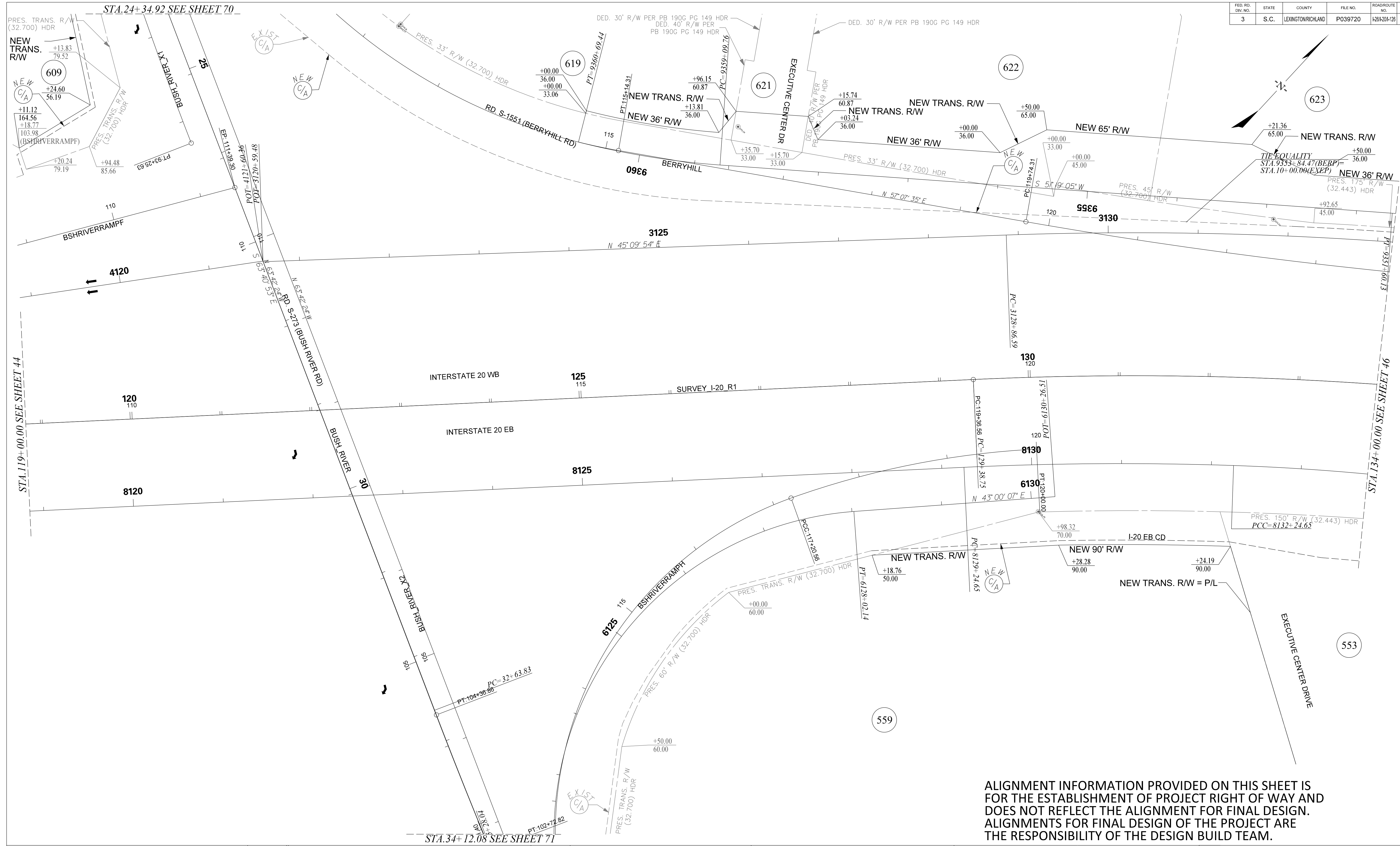
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571, 607, 608, 609	ROW ACQUISITION	01-20-2021			



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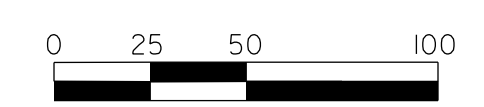
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619, 622, 623	ROW ACQUISITION	12-07-2020			
553, 559, 609	ROW ACQUISITION	01-20-2021			
553	REVISED NEW ROW	09-19-2022			
621	ROW ACQUISITION	05-15-2023			

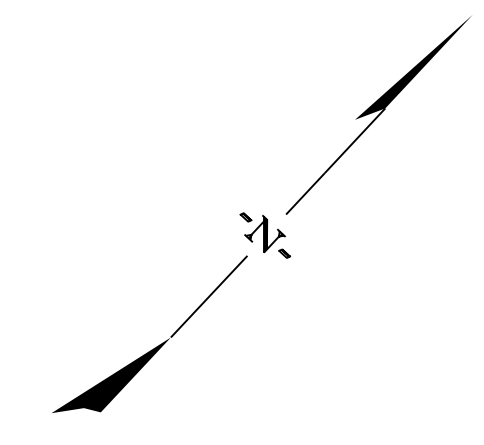
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619	ROW ACQUISITION	12-07-2020			
607-611	ROW ACQUISITION	01-20-2021			

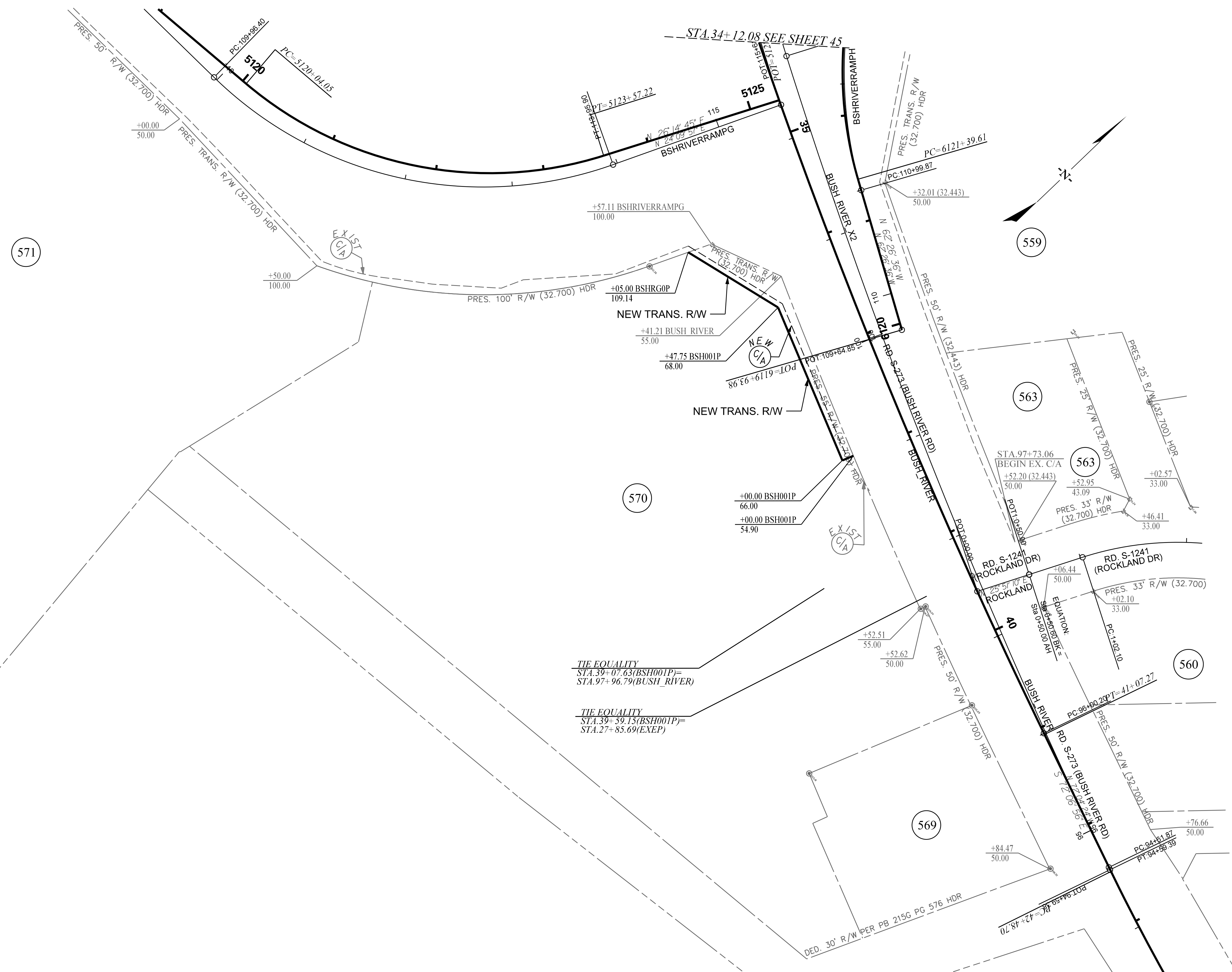
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559, 570, 571	ROW ACQUISITION	01-20-2021			

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