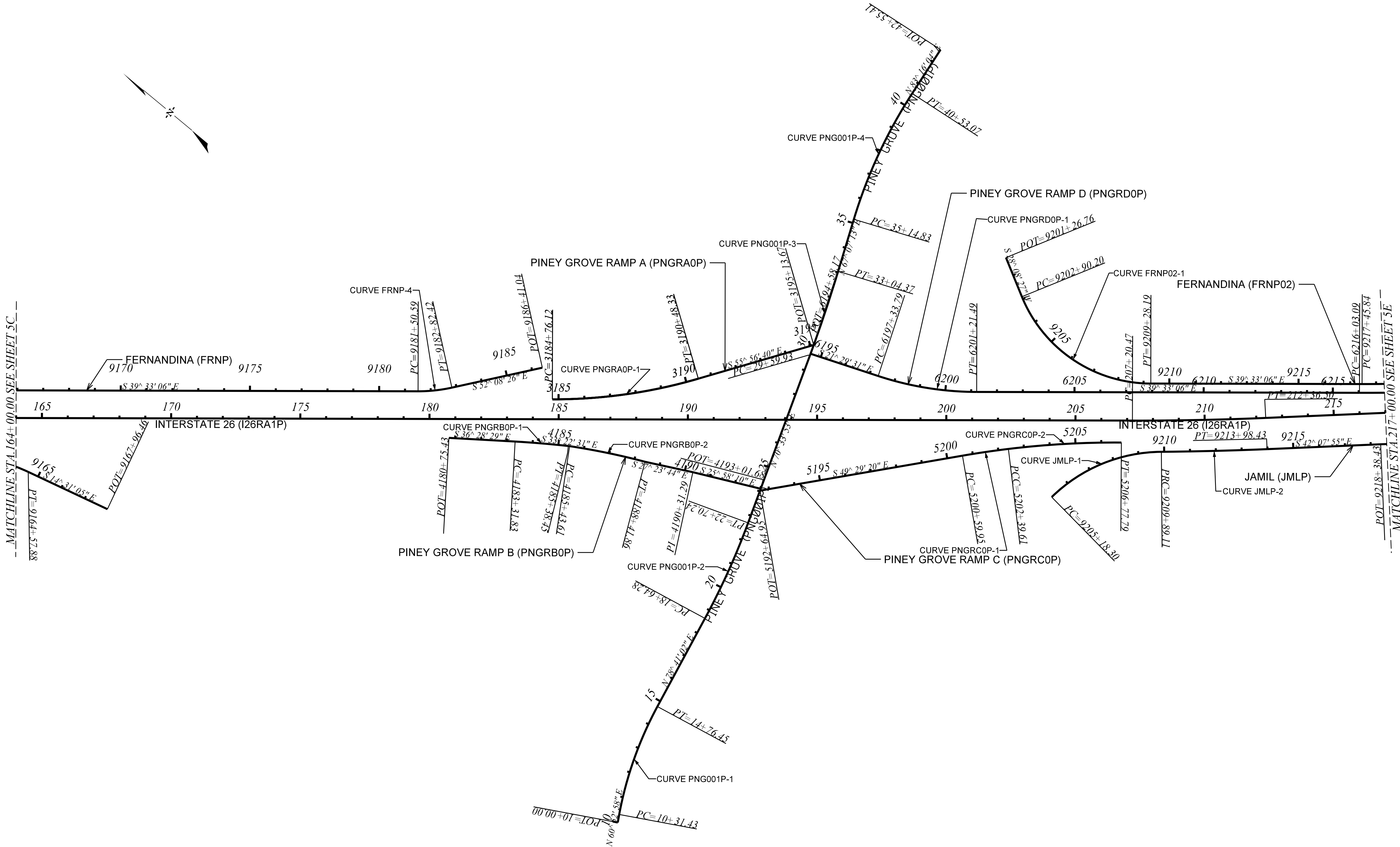




FED. RD. DIV. NO.	STATE	COUNTY	FILE NO.	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON/RICHLAND	P027662	I-26/I-201-125	5D




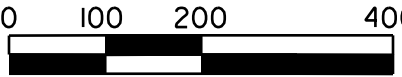
TRACT(S)	ISSUED FOR	DATE	TRACT(S)	ISSUED FOR	DATE
NA	SHEET RELEASED	09-30-2019			
NA	PINEY GROVE RAMP D ALIGNMENT UPDATED	04-08-2020			
NA	FERNANDINA RD. ALIGNMENT UPDATED	04-08-2020			

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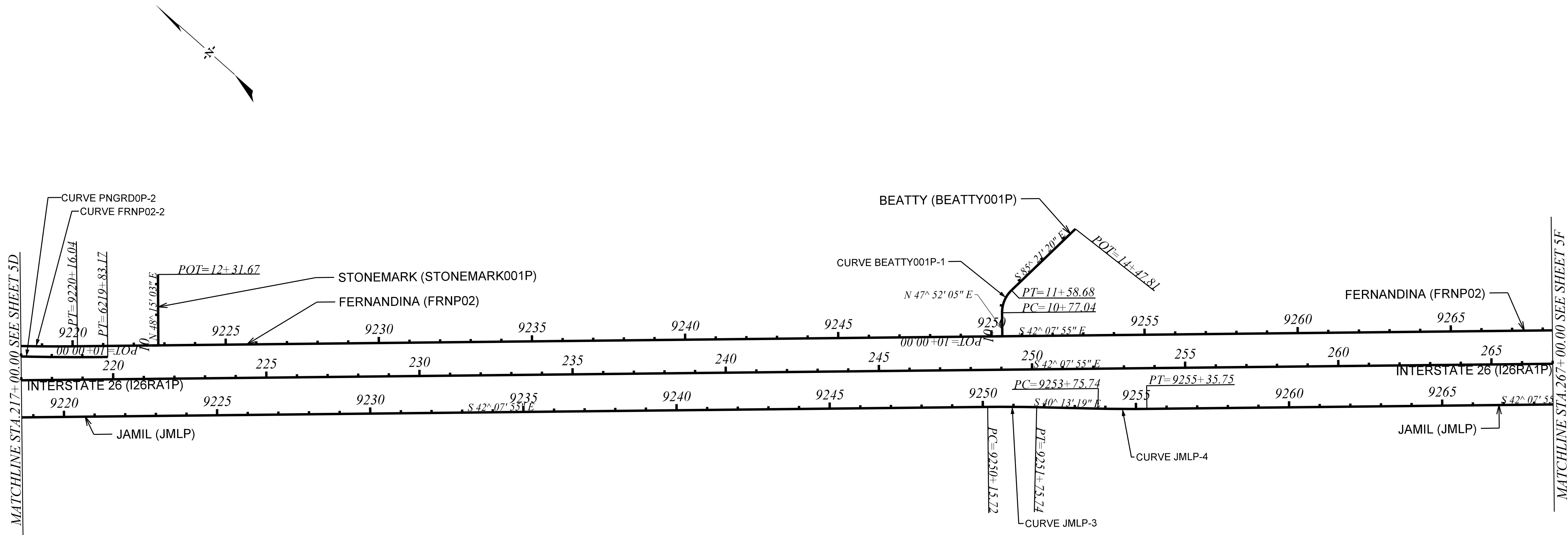


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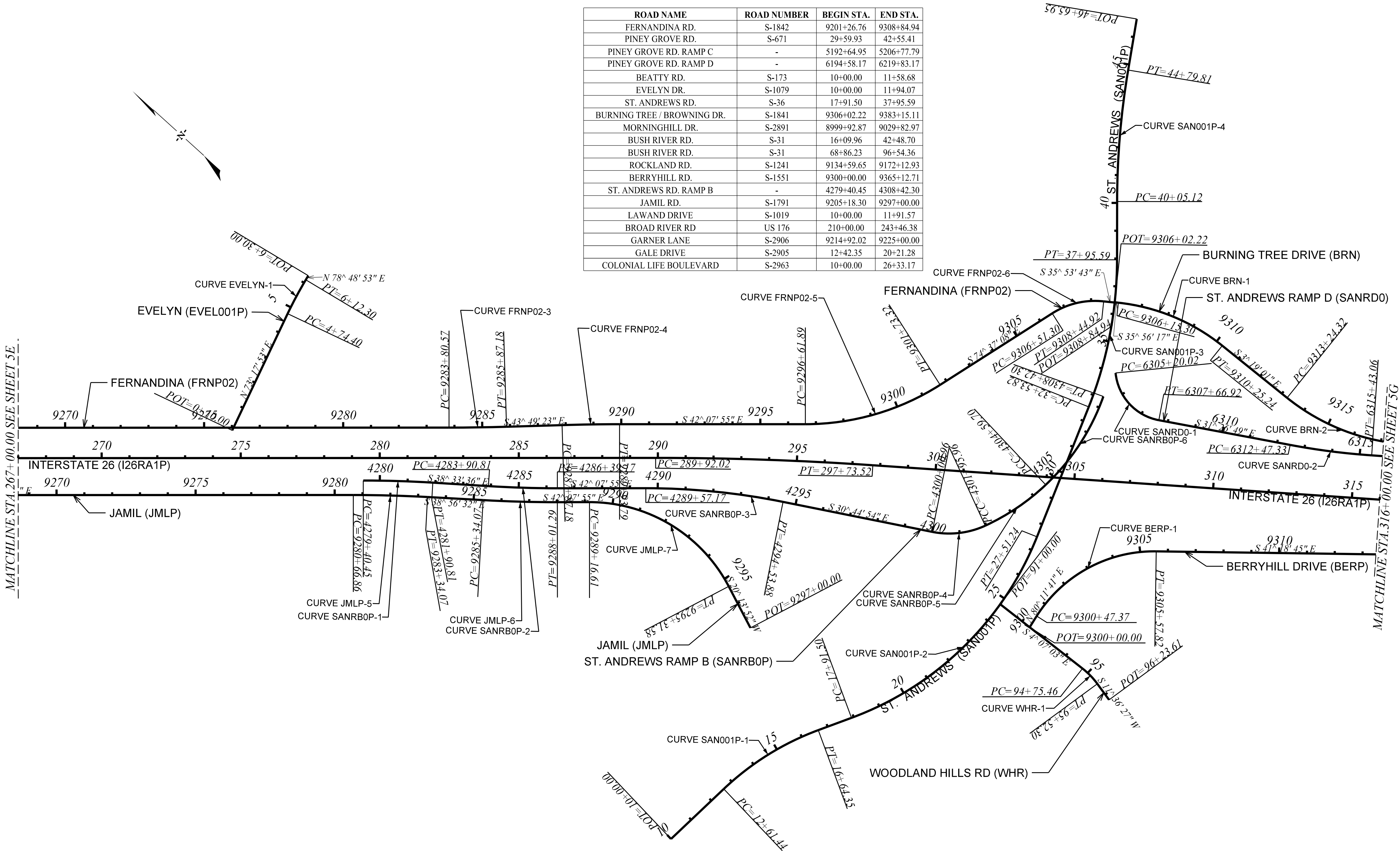


CAROLINA CROSSROADS	
REFERENCE DATA SHEET	
PROPOSED ALIGNMENTS	





TRACT(S)	ISSUED FOR	DATE	TRACT(S)	ISSUED FOR	DATE	PLANS PREPARED BY		PLANS PREPARED FOR		CAROLINA CROSSROADS	
NA	SHEET RELEASED	09-30-2019						 South Carolina Department of Transportation	REFERENCE DATA SHEET		
NA	PINEY GROVE RAMP D ALIGNMENT UPDATED	04-08-2020							PROPOSED ALIGNMENTS		
NA	FERNANDINA RD. ALIGNMENT UPDATED	04-08-2020									
NA	ADDED STONEMARK AND BEATTY	04-08-2020									
											

ROAD NAME	ROAD NUMBER	BEGIN STA.	END STA.
FERNANDINA RD.	S-1842	9201+26.76	9308+84.94
PINEY GROVE RD.	S-671	29+59.93	42+55.41
PINEY GROVE RD. RAMP C	-	5192+64.95	5206+77.79
PINEY GROVE RD. RAMP D	-	6194+58.17	6219+83.17
BEATTY RD.	S-173	10+00.00	11+58.68
EVELYN DR.	S-1079	10+00.00	11+94.07
ST. ANDREWS RD.	S-36	17+91.50	37+95.59
BURNING TREE / BROWNING DR.	S-1841	9306+02.22	9383+15.11
MORNINGHILL DR.	S-2891	8999+92.87	9029+82.97
BUSH RIVER RD.	S-31	16+09.96	42+48.70
BUSH RIVER RD.	S-31	68+86.23	96+54.36
ROCKLAND RD.	S-1241	9134+59.65	9172+12.93
BERRYHILL RD.	S-1551	9300+00.00	9365+12.71
ST. ANDREWS RD. RAMP B	-	4279+40.45	4308+42.30
JAMIL RD.	S-1791	9205+18.30	9297+00.00
LAWAND DRIVE	S-1019	10+00.00	11+91.57
BROAD RIVER RD	US 176	210+00.00	243+46.38
GARNER LANE	S-2906	9214+92.02	9225+00.00
GALE DRIVE	S-2905	12+42.35	20+21.28
COLONIAL LIFE BOULEVARD	S-2963	10+00.00	26+33.17




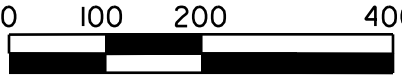
TRACT(S)	ISSUED FOR	DATE	TRACT(S)	ISSUED FOR	DATE
NA	SHEET RELEASED	09-30-2020			
NA	ADDED WOODLAND HILLS ROAD (WHR)	01-13-2020			
NA	ADDED TABLE OF RELOCATED CL'S	01-13-2020			
NA	UPDATED TABLE OF RELOCATED CL'S	04-08-2020			

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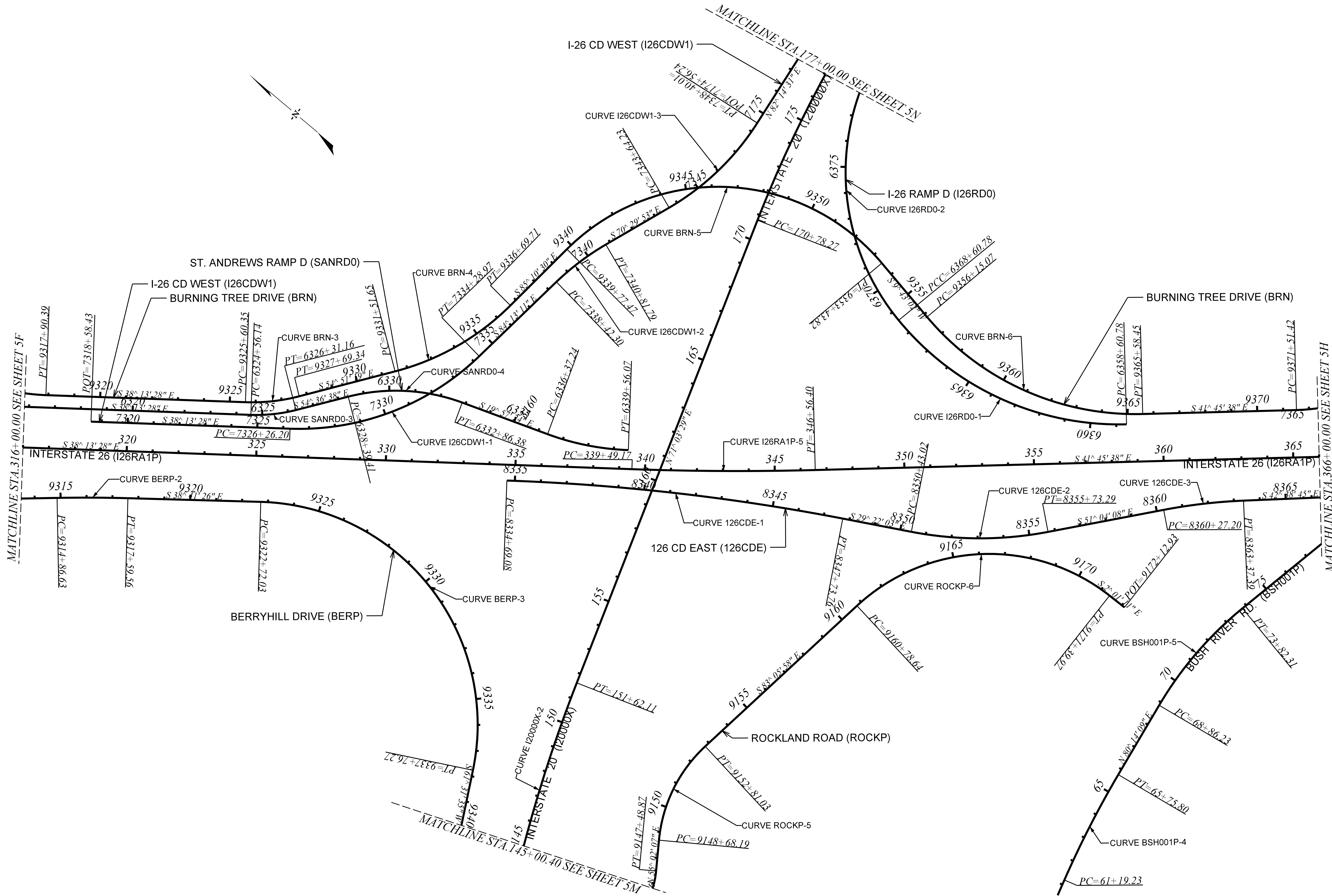

South Carolina Department of Transportation



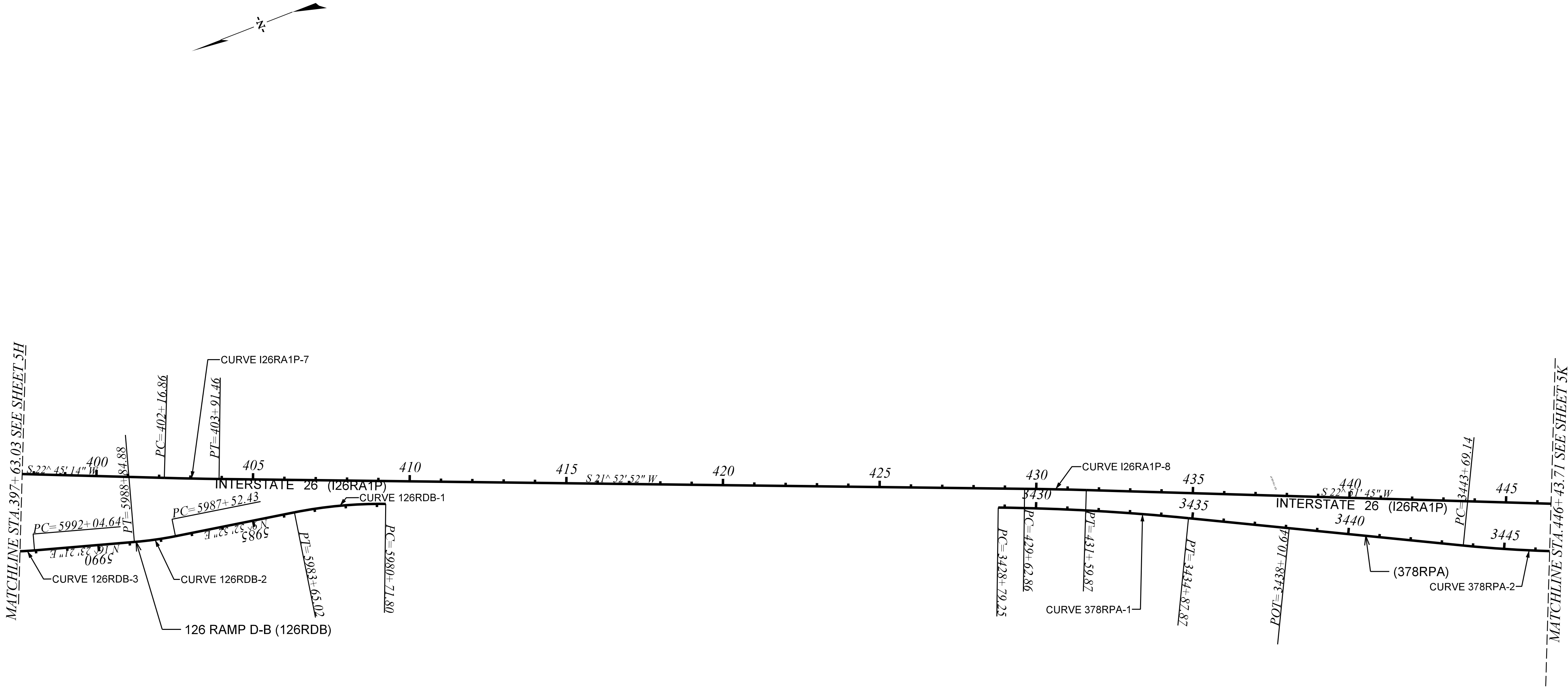
CAROLINA CROSSROADS

REFERENCE DATA SHEET

PROPOSED ALIGNMENTS





FED. RD. DIV. NO.	STATE	COUNTY	FILE NO.	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON/RICHLAND	P027662	I-26/I-204-125	5J




TRACT(S)	ISSUED FOR	DATE	TRACT(S)	ISSUED FOR	DATE
NA	SHEET RELEASED	09-30-2019			


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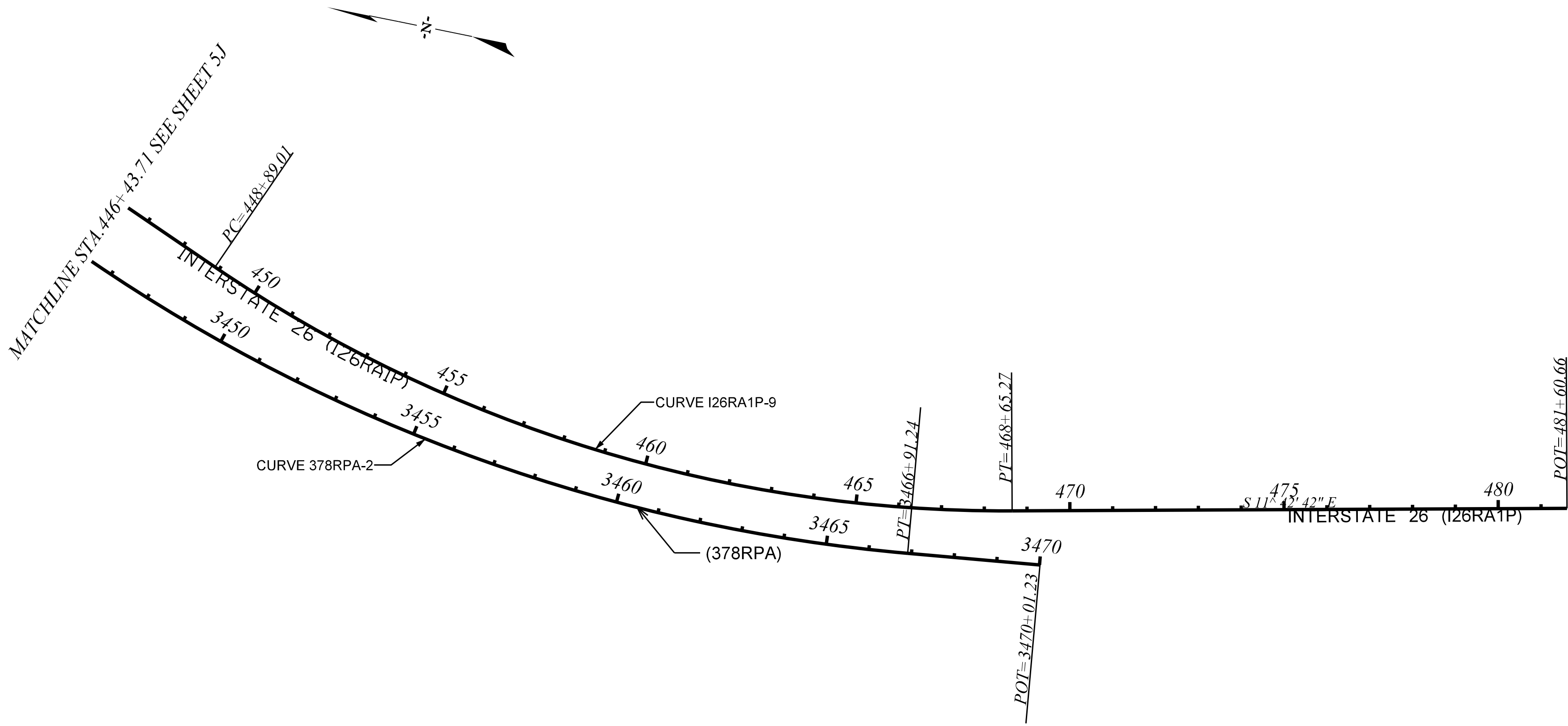
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CAROLINA CROSSROADS



REFERENCE DATA SHEET
PROPOSED ALIGNMENTS

FED. RD. DIV. NO.	STATE	COUNTY	FILE NO.	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON/RICHLAND	P027662	I-26/1201-125	5K




TRACT(S)	ISSUED FOR	DATE	TRACT(S)	ISSUED FOR	DATE
NA	SHEET RELEASED	11-01-2019			

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0100200400



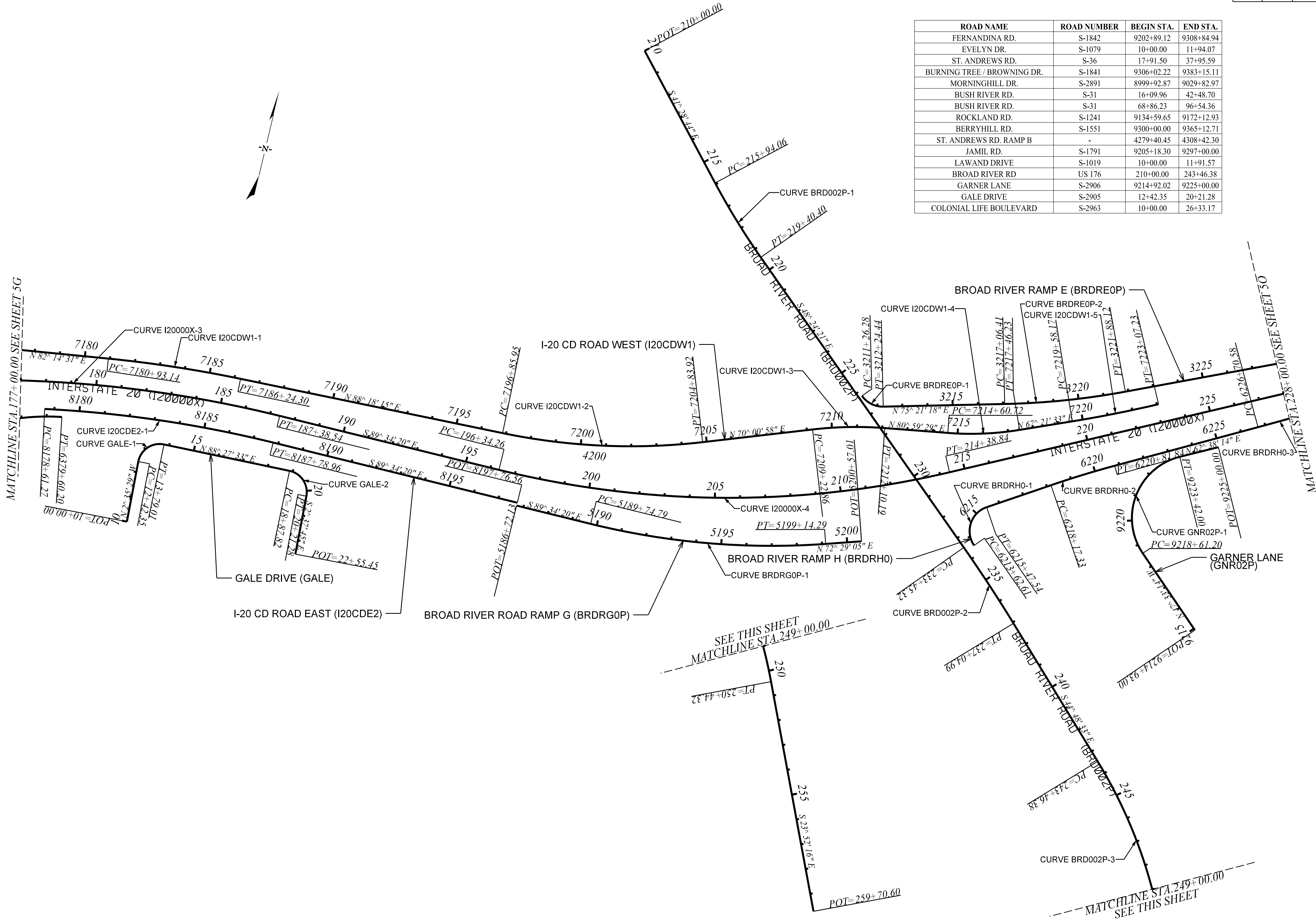
CAROLINA CROSSROADS

REFERENCE DATA SHEET

PROPOSED ALIGNMENTS


FED. RD. DIV. NO.	STATE	COUNTY	FILE NO.	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON/RICHLAND	P027662	1261-201-125	5N

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



TRACT(S)	ISSUED FOR	DATE	TRACT(S)	ISSUED FOR	DATE
NA	SHEET RELEASED	11-01-2019			
NA	ADDED TABLE OF RELOCATED CL'S	1-13-2020			
NA	REVISED BROAD RIVER ROAD (BRD002P)	1-13-2020			

PLANS PREPARED BY

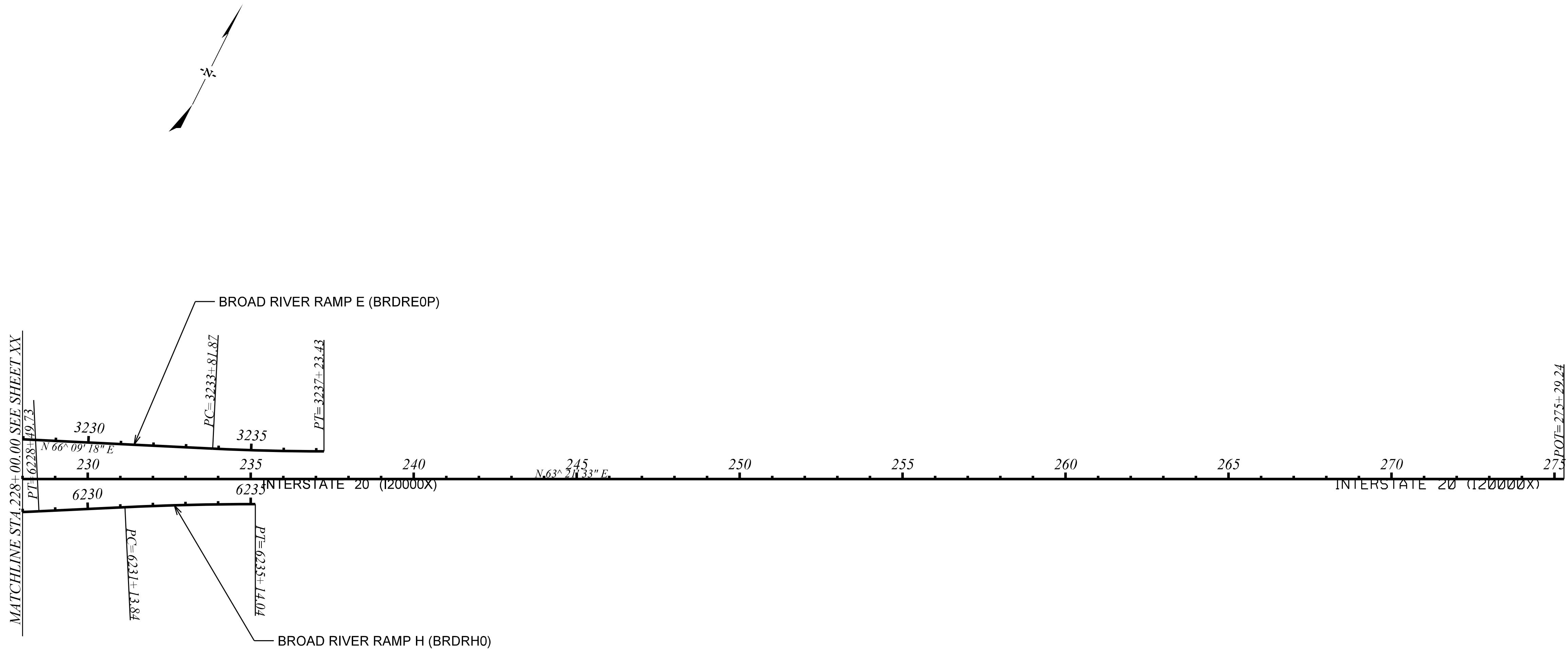


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CAROLINA CROSSROADS	
REFERENCE DATA SHEET	
PROPOSED ALIGNMENTS	



TRACT(S)		ISSUED FOR	DATE	TRACT(S)		ISSUED FOR	DATE	<div>PLANS PREPARED BY</div> <div><div>HDR</div><div><div><div></div></div>STV</div></div>	PLANS PREPARED FOR		CAROLINA CROSSROADS	
N/A		SHEET RELEASED	11-01-2019						<div><div>SCDOT</div><div>South Carolina Department of Transportation</div></div>	REFERENCE DATA SHEET		
									<div>0100200400</div>	PROPOSED ALIGNMENTS		

FED. RD. DIV. NO.	STATE	COUNTY	FILE NO.	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON/RICHLAND	P027662	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	= 982.8229				
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 1,956,409.4647				
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					

TRACT(S)	ISSUED FOR	DATE	TRACT(S)	ISSUED FOR	DATE	PLANS PREPARED BY <div></div>	PLANS PREPARED FOR <div><div>South Carolina Department of Transportation</div></div>	CAROLINA CROSSROADS REFERENCE DATA SHEET PROPOSED ALIGNMENTS
N/A	SHEET RELEASED	09-30-2019						

FED. RD. DIV. NO.	STATE	COUNTY	FILE NO.	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON/RICHLAND	P027662	1251+201+125	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 BRDPRA0004 S 5° 55' 59.44" W Dist 311.5812				
Point BRDPRA0004	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 BRDPRB0001	N	825,913.0691 E	1,945,665.2590 Sta	4021+20.16
Course from BRDPRB0001 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 BRDPRB0003 S 50° 59' 19.69" W Dist 41.3208				
Point BRDPRB0003	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 BRDPRC0001	N	824,430.8886 E	1,946,668.2651 Sta	5035+68.31
Course from BRDPRC0001 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 BRDPRD0001	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 BRDPRD0003 S 38° 25' 19.99" E Dist 885.1763					
Point BRDPRD0003	N	823,217.4283 E	1,948,263.6442 Sta	6058+61.55	
=====					
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 214.294					
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 LKMPPRA0004 S 8° 23' 48.40" W Dist 231.4937					
Point LKMPPRA0004	N	821,367.4735 E	1,950,338.2798 Sta	3089+46.25	
=====					
Ending chain LKMRA0P description					

FED. RD. DIV. NO.	STATE	COUNTY	FILE NO.	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON/RICHLAND	P027662	1261+201+25	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							
Curve Data									

Course from PT HRBRC0P-2 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' 34.12" 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									
=====									

FED. RD. DIV. NO.	STATE	COUNTY	FILE NO.	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON/RICHLAND	P027662	1261+201+25	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+31.21
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+01.61
=====				
Ending chain PNGRB0P description				
=====				

FERNANDINA (FRNP02)					JAMIL (JMLP)					FED. RD. DIV. NO.	STATE	COUNTY	FILE NO.	ROAD/ROUTE NO.	SHEET NO.
Beginning chain FRNP02 description					Beginning chain JMLP description					3	S.C.	LEXINGTON/RICHLAND	P027662	1251-201-125	5T
=====					=====					=====					
Point FRNP002006 N 812,595.3618 E 1,957,964.9807 Sta 9201+26.76					Curve JMLP-5					Curve BEATTY (BEATTY001P)					
Course from FRNP002006 to PC FRNP02-1 S 28° 08' 27.49" W Dist 163.4371					Curve Data					=====					
Curve FRNP02-1					Curve JMLP-6					Beginning chain BEATTY001P description					
P.I. Station 9206+52.33 N 812,131.9206 E 1,957,717.1002					Curve Data					=====					
Delta = 67° 41' 33.79" (LT)					P.I. Station 9211+93.79 N 811,495.9839 E 1,957,902.3987					Point BEATTYP100 N 808,778.4805 E 1,960,670.7447 Sta 10+00.00					
Degree = 10° 36' 37.19"					Delta = 2° 01' 30.76" (LT)					Course from BEATTYP100 to PC BEATTY001P-1 N 47° 52' 04.99" E Dist 77.0353					
Tangent = 362.1316					Degree = 0° 29' 41.19"					Curve Data					
Length = 637.9888					Tangent = 204.6809					=====					
Radius = 540.0000					Length = 409.3191					Curve BEATTY001P-1					
External = 110.1840					Radius = 11,580.1560					P.I. Station 11+20.28 N 808,859.1723 E 1,960,759.9481					
Long Chord = 601.5252					External = 1.8087					Delta = 46° 46' 35.34" (RT)					
Mid. Ord. = 91.5116					Long Chord = 267.1794					Degree = 57° 17' 44.81"					
P.C. Station 9202+90.20 N 812,451.2445 E 1,957,887.8968					Mid. Ord. = 1.8593					Tangent = 43.2495					
P.T. Station 9209+28.19 N 811,852.6991 E 1,957,947.6965					P.C. Station 9285+34.07 N 806,032.3404 E 1,962,803.5024					Length = 81.6404					
C.C. N 812,196.5576 E 1,958,364.0634					P.T. Station 9288+01.29 N 805,829.2881 E 1,962,977.1532					Radius = 100.0000					
Back = S 28° 08' 27.49" W					C.C. N 809,049.3212 E 1,966,536.8423					External = 8.9519					
Ahead = S 39° 33' 06.30" E					Back = S 38° 56' 32.34" E					Long Chord = 79.3919					
Chord Bear = S 5° 42' 19.40" E					Ahead = S 42° 07' 55.01" E					Mid. Ord. = 8.2164					
Course from PT FRNP02-1 to PC FRNP02-2 S 39° 33' 06.30" E Dist 817.6554					Chord Bear = S 40° 32' 13.68" E					P.C. Station 10+77.04 N 808,830.1588 E 1,960,727.8742					
Curve Data					Course from PT JMLP-5 to PC JMLP-6 S 38° 56' 32.34" E Dist 200.0000					P.T. Station 11+58.68 N 808,855.6703 E 1,960,803.0556					
-----					Curve Data					C.C. N 808,755.9987 E 1,960,794.9582					
Curve FRNP02-2					Curve JMLP-7					Back = N 47° 52' 04.99" E					
P.I. Station 9218+80.96 N 811,118.0606 E 1,958,554.4010					P.I. Station 9292+58.54 N 805,490.1865 E 1,963,283.8986					Ahead = S 85° 21' 19.68" E					
Delta = 2° 34' 48.71" (LT)					Delta = 62° 21' 47.19" (RT)					Chord Bear = N 71° 15' 22.66" E					
Degree = 0° 57' 17.75"					Degree = 10° 08' 27.05"					Course from PT BEATTY001P-1 to BEATTYP101 S 85° 21' 19.68" E Dist 289.1368					
Tangent = 135.1217					Tangent = 341.9276					Point BEATTYP101 N 808,832.2578 E 1,961,091.2430 Sta 14+47.81					
Length = 270.1978					Length = 614.9695					=====					
Radius = 6,000.0000					Radius = 565.0000					Ending chain BEATTY001P description					
External = 1.5213					External = 95.4086					=====					
Long Chord = 270.1749					Long Chord = 267.1794					STONEMARK (STONEMARK001P)					
Mid. Ord. = 1.5209					Mid. Ord. = 1.8593					Beginning chain STONEMARK001P description					
P.C. Station 9217+45.84 N 811,222.2461 E 1,958,468.3589					P.C. Station 9289+16.61 N 805,743.7606 E 1,963,054.5199					=====					
P.T. Station 9220+16.04 N 811,017.8541 E 1,958,645.0461					P.T. Station 9295+31.58 N 805,169.3540 E 1,963,165.6572					Point STONEMARKKP100 N 810,822.2480 E 1,958,821.9879 Sta 10+00.00					
C.C. N 815,042.8955 E 1,963,094.6575					C.C. N 805,364.7359 E 1,962,635.5148					Course from STONEMARKKP100 to STONEMARKP101 N 48° 15' 03.44" E Dist 231.6654					
Back = S 39° 33' 06.30" E					Back = S 42° 07' 55.01" E					Point STONEMARKKP101 N 810,976.5069 E 1,958,994.8262 Sta 12+31.67					
Ahead = S 42° 07' 55.01" E					Ahead = S 20° 13' 52.18" W					=====					
Chord Bear = S 40° 50' 30.66" E					Chord Bear = S 10° 57' 01.42" E					Ending chain STONEMARK001P description					
Course from PT FRNP02-2 to PC FRNP02-3 S 42° 07' 55.01" E Dist 6,364.5349					Course from PT JMLP-6 to PC JMLP-7 S 42° 07' 55.01" E Dist 115.3280					=====					
Curve Data					Curve Data					Point JMLP003 N 805,011.3288 E 1,963,107.4176 Sta 9297+00.00					
-----					Curve Data					=====					
Curve FRNP02-3					Curve JMLP-3					Ending chain JMLP description					
P.I. Station 9284+83.89 N 806,221.2865 E 1,962,983.9381					P.I. Station 9254+55.75 N 808,327.3621 E 1,960,752.4979										
Delta = 1° 41' 28.02" (LT)					Delta = 1° 54' 36.18" (LT)										
Degree = 0° 49' 06.64"					Degree = 1° 11' 37.18"										
Tangent = 103.3120					Tangent = 80.0154										
Length = 206.6090					Length = 160.0160										
Radius = 7,000.0000					Radius = 4,800.0000										
External = 0.7623					External = 0.6669										
Long Chord = 206.6015					Long Chord = 160.0085										
Mid. Ord. = 0.7623					Mid. Ord. = 0.6668										
P.C. Station 9283+80.57 N 806,297.9029 E 1,962,914.6322					P.C. Station 9253+75.74 N 808,388.4578 E 1,960,700.8280										
P.T. Station 9285+87.18 N 806,146.7488 E 1,963,055.4748					P.T. Station 9255+35.75 N 808,268.0226 E 1,960,806.1754										
C.C. N 810,993.7846 E 1,968,105.8455					C.C. N 811,488.0557 E 1,964,365.8646										
Back = S 42° 07' 55.01" E					Back = S 40° 13' 18.83" E										
Ahead = S 43° 49' 23.04" E					Ahead = S 42° 07' 55.01" E										
Chord Bear = S 42° 58' 39.02" E					Chord Bear = S 41° 10' 36.92" E										
Course from PT FRNP02-3 to PC FRNP02-4 S 43° 49' 23.04" E Dist 200.0000					Course from PT JMLP-4 to PC JMLP-5 S 42° 07' 55.01" E Dist 2,531.1074										

TRACT(S)	ISSUED FOR	DATE	TRACT(S)	ISSUED FOR	DATE
N/A	SHEET RELEASED	09-30-2019			
N/A	FERNANDINA RD. (FRNP02) UPDATED	04-08-2020			
N/A	ADDED STONEMARK AND BEATTY	04-08-2020			

PLANS PREPARED BY	PLANS PREPARED FOR
 	 South Carolina Department of Transportation
	

CAROLINA CROSSROADS	
REFERENCE DATA SHEET	
PROPOSED ALIGNMENTS	

ST. ANDREWS (SAN001P)				ST. ANDREWS RAMP B (SANRB0P)				ST. ANDREWS RAMP D (SANRD0P)				FED. RD. DIV. NO.	STATE	COUNTY	FILE NO.	ROAD/ROUTE NO.	SHEET NO.
												3	S.C.	LEXINGTON/RICHLAND	P027662	I26/I20/I25	SU
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																	
Beginning chain SANRB0P description																	
=====																	
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																	
Course from PT SANRB0P-4 to PC SANRB0P-5 S 30° 44' 54.12" E Dist 547.0884																	
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																	
Ending chain SANRB0P description																	
Beginning chain SANRD0 description																	
=====																	
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 3° 31' 30.47" W																	
Course from PT SANRD0-1 to PC SANRD0-2 S 31° 26' 48.62" E Dist 480.4122																	
Curve Data																	

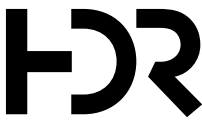



Curve SANRD0-2																	
P.I. Station 6313+95.36 N 803,886.3747 E 1,964,973.7554																	
Delta = 6° 46' 39.28" (LT)																	
Degree = 2° 17' 30.59"																	
Tangent = 148.0364																	
Length = 295.7276																	
Radius = 2,500.0000																	
External = 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																	

TRACT(S)	ISSUED FOR	DATE	TRACT(S)	ISSUED FOR	DATE
N/A	SHEET RELEASED	11-01-2019			
N/A	ADDED WOODLAND HILLS RD (WHR)	01-13-2020			

PLANS PREPARED BY	PLANS PREPARED FOR
 	 South Carolina Department of Transportation
	

CAROLINA CROSSROADS	
REFERENCE DATA SHEET	
PROPOSED ALIGNMENTS	

FED. RD. DIV. NO.	STATE	COUNTY	FILE NO.	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON/RICHLAND	P027662	I-26/I-204-I-25	5V

BURNING TREE DRIVE (BRN)				
Beginning chain BRN description				
=====				
Point BRN001 N 804,824.4201 E 1,964,853.9435 Sta 9306+02.22				
Course from BRN001 to PC BRN-1 S 35° 56' 17.31" E Dist 13.0847				
Curve Data				

Curve BRN-1				
P.I. Station 9308+25.99 N 804,643.2425 E 1,964,985.2781				
Delta = 32° 37' 16.53" (RT)				
Degree = 7° 57' 27.89"				
Tangent = 210.6877				
Length = 409.9308				
Radius = 720.0000				
External = 30.1929				
Long Chord = 404.4165				
Mid. Ord. = 28.9777				
P.C. Station 9306+15.30 N 804,813.8261 E 1,964,861.6230				
P.T. Station 9310+25.24 N 804,432.9077 E 1,964,997.4681				
C.C. N 804,391.2498 E 1,964,278.6742				
Back = S 35° 56' 17.31" E				
Ahead = S 3° 19' 00.78" E				
Chord Bear = S 19° 37' 39.04" E				
Course from PT BRN-1 to PC BRN-2 S 3° 19' 00.78" E Dist 299.0819				
Curve Data				

Curve BRN-2				
P.I. Station 9315+64.84 N 803,894.2047 E 1,965,028.6888				
Delta = 34° 54' 27.12" (LT)				
Degree = 7° 29' 22.72"				
Tangent = 240.5251				
Length = 466.0773				
Radius = 765.0000				
External = 36.9210				
Long Chord = 458.9023				
Mid. Ord. = 35.2211				
P.C. Station 9313+24.32 N 804,134.3268 E 1,965,014.7724				
P.T. Station 9317+90.39 N 803,705.2498 E 1,965,177.5120				
C.C. N 804,178.5883 E 1,965,778.4909				
Back = S 3° 19' 00.78" E				
Ahead = S 38° 13' 27.90" E				
Chord Bear = S 20° 46' 14.34" E				
Course from PT BRN-2 to PC BRN-3 S 38° 13' 27.90" E Dist 769.9534				
Curve Data				

Curve BRN-3				
P.I. Station 9326+65.58 N 803,017.7073 E 1,965,719.0292				
Delta = 16° 37' 51.52" (LT)				
Degree = 7° 57' 27.89"				
Tangent = 105.2354				
Length = 208.9910				
Radius = 720.0000				
External = 7.6500				
Long Chord = 208.2581				
Mid. Ord. = 7.5696				
P.C. Station 9325+60.35 N 803,100.3795 E 1,965,653.9155				
P.T. Station 9327+69.34 N 802,957.1294 E 1,965,805.0804				
C.C. N 803,545.8747 E 1,966,219.5427				
Back = S 38° 13' 27.90" E				
Ahead = S 54° 51' 19.41" E				
Chord Bear = S 46° 32' 23.65" E				
Course from PT BRN-3 to PC BRN-4 S 54° 51' 19.41" E Dist 382.3098				
Curve Data				

Curve BRN-4				
P.I. Station 9334+16.90 N 802,584.3660 E 1,966,334.5922				
Delta = 30° 19' 10.65" (LT)				
Degree = 5° 51' 08.93"				
Tangent = 265.2512				
Length = 518.0645				
Radius = 979.0000				
External = 35.2974				
Long Chord = 512.0410				
Mid. Ord. = 34.0690				
P.C. Station 9331+51.65 N 802,737.0558 E 1,966,117.6958				
P.T. Station 9336+69.71 N 802,562.0551 E 1,966,598.9034				
C.C. N 803,537.5858 E 1,966,681.2494				
Back = S 54° 51' 19.41" E				
Ahead = S 85° 10' 30.06" E				
Chord Bear = S 70° 00' 54.73" E				
Course from PT BRN-4 to PC BRN-5 S 85° 10' 30.06" E Dist 307.7551				
Curve Data				

Curve BRN-5				
P.I. Station 9348+76.10 N 802,460.5833 E 1,967,801.0128				
Delta = 94° 53' 31.61" (RT)				
Degree = 6° 56' 41.79"				
Tangent = 898.6295				
Length = 1,366.3484				
Radius = 825.0000				
External = 394.9016				
Long Chord = 1,215.4576				
Mid. Ord. = 267.0657				
P.C. Station 9339+77.47 N 802,536.1691 E 1,966,905.5678				
P.T. Station 9353+43.82 N 801,574.8463 E 1,967,649.3390				
C.C. N 801,714.0927 E 1,966,836.1751				
Back = S 85° 10' 30.06" E				
Ahead = S 9° 43' 01.55" W				
Chord Bear = S 37° 43' 44.25" E				
Course from PT BRN-5 to PC BRN-6 S 9° 43' 01.55" W Dist 271.2532				

Curve Data				

Curve BRN-6				
P.I. Station 9361+21.28 N 800,808.5398 E 1,967,518.1164				
Delta = 51° 28' 39.52" (LT)				
Degree = 5° 27' 24.27"				
Tangent = 506.2074				
Length = 943.3771				
Radius = 1,050.0000				
External = 115.6526				
Long Chord = 911.9660				
Mid. Ord. = 104.1779				
P.C. Station 9356+15.07 N 801,307.4847 E 1,967,603.5559				
P.T. Station 9365+58.45 N 800,430.9421 E 1,967,855.2602				
C.C. N 801,130.2620 E 1,968,638.4917				
Back = S 9° 43' 01.55" W				
Ahead = S 41° 45' 37.97" E				
Chord Bear = S 16° 01' 18.21" E				
Course from PT BRN-6 to PC BRN-7 S 41° 45' 37.97" E Dist 592.9719				
Curve Data				

Curve BRN-7				
P.I. Station 9374+87.37 N 799,738.0266 E 1,968,473.9401				
Delta = 49° 07' 40.64" (LT)				
Degree = 7° 47' 43.24"				
Tangent = 335.9505				
Length = 630.2218				
Radius = 735.0000				
External = 73.1384				
Long Chord = 611.0923				
Mid. Ord. = 66.5192				
P.C. Station 9371+51.42 N 799,988.6237 E 1,968,250.1907				
P.T. Station 9377+81.64 N 799,743.2360 E 1,968,809.8502				
C.C. N 800,478.1476 E 1,968,798.4528				
Back = S 41° 45' 37.97" E				
Ahead = N 89° 06' 41.40" E				
Chord Bear = S 66° 19' 28.29" E				
Course from PT BRN-7 to BRN002 N 89° 06' 41.40" E Dist 533.4675				
Point BRN002 N 799,751.5083 E 1,969,343.2536 Sta 9383+15.11				
=====				
Ending chain BRN description				

BERRYHILL DRIVE (BERP)				
Beginning chain BERP description				
=====				
Point BERP001000 N 804,268.16 E 1,963,782.42 Sta 9300+00.00				
Course from BERP001000 to PC BERP-1 N 80° 11' 40.91" E Dist 47.37				
Curve Data				

Curve BERP-1				
P.I. Station	9303+27.34	N	804,323.91	E 1,964,104.98
Delta =	58° 29' 33.96"	(RT)		
Degree =	11° 27' 32.96"			
Tangent =	279.97			
Length =	510.45			
Radius =	500.00			
External =	73.05			
Long Chord =	488.57			
Mid. Ord. =	63.74			
P.C. Station	9300+47.37	N	804,276.23	E 1,963,829.10
P.T. Station	9305+57.82	N	804,113.62	E 1,964,289.81
C.C.		N	803,783.53	E 1,963,914.25
Back	= N 80° 11' 40.91"	E		
Ahead	= S 41° 18' 45.13"	E		
Chord Bear	= S 70° 33' 32.11"	E		
Course from PT BERP-1 to PC BERP-2 S 41° 18' 45.13" E Dist 928.82				
Curve Data				

Curve BERP-2				
P.I. Station	9316+23.12	N	803,313.44	E 1,964,993.09
Delta =	2° 37' 19.25"	(RT)		
Degree =	0° 57' 38.50"			
Tangent =	136.49			
Length =	272.93			
Radius =	5,964.00			
External =	1.56			
Long Chord =	272.91			
Mid. Ord. =	1.56			
P.C. Station	9314+86.63	N	803,415.96	E 1,964,902.99
P.T. Station	9317+59.56	N	803,206.91	E 1,965,078.41
C.C.		N	799,478.73	E 1,960,423.31
Back	= S 41° 18' 45.13"	E		
Ahead	= S 38° 41' 25.88"	E		
Chord Bear	= S 40° 00' 05.50"	E		
Course from PT BERP-2 to PC BERP-3 S 38° 41' 25.88" E Dist 512.46				

FED. RD. DIV. NO.	STATE	COUNTY	FILE NO.	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON/RICHLAND	P027662	I-20-I-20-I-25	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				
=====				
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		

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+56.23 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				

FED. RD. DIV. NO.	STATE	COUNTY	FILE NO.	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON/RICHLAND	P027662	I-261-201-125	5Z

ROCKLAND ROAD (ROCKP)				
Beginning chain ROCKP description				
=====				
Point ROCKP001 N 800,162.9668 E 1,964,507.9630 Sta 9134+59.65				
Course from ROCKP001 to PC ROCKP-1 N 59° 06' 35.30" E Dist 253.3062				
Curve Data				

Curve ROCKP-1				
P.I. Station 9137+97.79 N 800,336.5631 E 1,964,798.1340				
Delta = 75° 16' 34.79" (LT)				
Degree = 52° 05' 13.46"				
Tangent = 84.8282				
Length = 144.5202				
Radius = 110,0000				
External = 28.9094				
Long Chord = 134.3480				
Mid. Ord. = 22.8929				
P.C. Station 9137+12.96 N 800,293.0128 E 1,964,725.3385				
P.T. Station 9138+57.48 N 800,418.0369 E 1,964,774.5153				
C.C. N 800,387.4096 E 1,964,668.8651				
Back = N 59° 06' 35.30" E				
Ahead = N 16° 09' 59.50" W				
Chord Bear = N 21° 28' 17.90" E				
Course from PT ROCKP-1 to PC ROCKP-2 N 16° 09' 59.50" W Dist 201.9721				
Curve Data				

Curve ROCKP-2				
P.I. Station 9142+50.43 N 800,795.4466 E 1,964,665.1067				
Delta = 127° 06' 15.91" (RT)				
Degree = 60° 18' 40.85"				
Tangent = 190.9761				
Length = 210.7471				
Radius = 95,0000				
External = 118.3000				
Long Chord = 170.1147				
Mid. Ord. = 52.6887				
P.C. Station 9140+59.45 N 800,612.0223 E 1,964,718.2802				
P.T. Station 9142+70.20 N 800,727.2001 E 1,964,843.4724				
C.C. N 800,638.4731 E 1,964,809.5236				
Back = N 16° 09' 59.50" W				
Ahead = S 69° 03' 43.59" E				
Chord Bear = N 47° 23' 08.46" E				
Course from PT ROCKP-2 to PC ROCKP-3 S 69° 03' 43.59" E Dist 148.8963				
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° 58' 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				

FED. RD. DIV. NO.	STATE	COUNTY	FILE NO.	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON/RICHLAND	P027662	I-26/I-204-I-25	5AA

BROAD RIVER RAMP E (BRDRE0P)				
Beginning chain BRDRE0P description				
=====				
Curve Data				

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

Curve BRDRE0P-2				
P.I. Station	3219+47.78	N	803,087.2935	E 1,972,117.1055
Delta	=	9° 12' 00.14" (LT)		
Degree	=	1° 54' 35.49"		
Tangent	=	241.3753		
Length	=	481.7128		
Radius	=	3,000.0000		
External	=	9.6947		
Long Chord	=	481.1955		
Mid. Ord.	=	9.6634		
P.C. Station	3217+06.41	N	803,026.2664	E 1,971,883.5724
P.T. Station	3221+88.12	N	803,184.8733	E 1,972,337.8774
C.C.	N	805,928.7980	E	1,971,125.0801
Back	= N 75° 21' 17.69" E			
Ahead	= N 66° 09' 17.55" E			
Chord Bear	= N 70° 45' 17.62" E			
Course from PT BRDRE0P-2 to PC BRDRE0P-3	N 66° 09' 17.55" E		Dist 1,193.7479	
=====				
Curve Data				

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

BROAD RIVER RAMP H (BRDRH0)				
Beginning chain BRDRH0 description				
=====				
Curve Data				

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

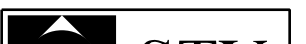

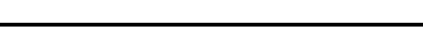
Curve BRDRH0-2				
P.I. Station	6219+49.63	N	802,826.2640	E 1,972,248.8369
Delta	=	3° 49' 02.59" (RT)		
Degree	=	1° 26' 35.59"		
Tangent	=	132.3015		
Length	=	264.5051		
Radius	=	3,970.0000		
External	=	2.2039		
Long Chord	=	264.4562		
Mid. Ord.	=	2.2027		
P.C. Station	6218+17.33	N	802,755.6027	E 1,972,136.9858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

Curve BRDRH0-3				
P.I. Station	6227+60.16	N	803,212.6264	E 1,972,961.4643
Delta	=	0° 53' 33.25" (LT)		
Degree	=	0° 29' 53.61"		
Tangent	=	89.5768		
Length	=	179.1499		
Radius	=	11,500.0000		
External	=	0.3489		
Long Chord	=	179.1481		
Mid. Ord.	=	0.3489		
P.C. Station	6226+70.58	N	803,169.9321	E 1,972,882.7166
P.T. Station	6228+49.73	N	803,256.5422	E 1,973,039.5373
C.C.	N	813,279.6743	E	1,967,401.5569
Back	= N 61° 32' 05.82" E			
Ahead	= N 60° 38' 32.58" E			
Chord Bear	= N 61° 05' 19.20" E			
Course from PT BRDRH0-3 to PC BRDRH0-4	N 60° 38' 32.58" E		Dist 264.1115	
=====				
Curve Data				

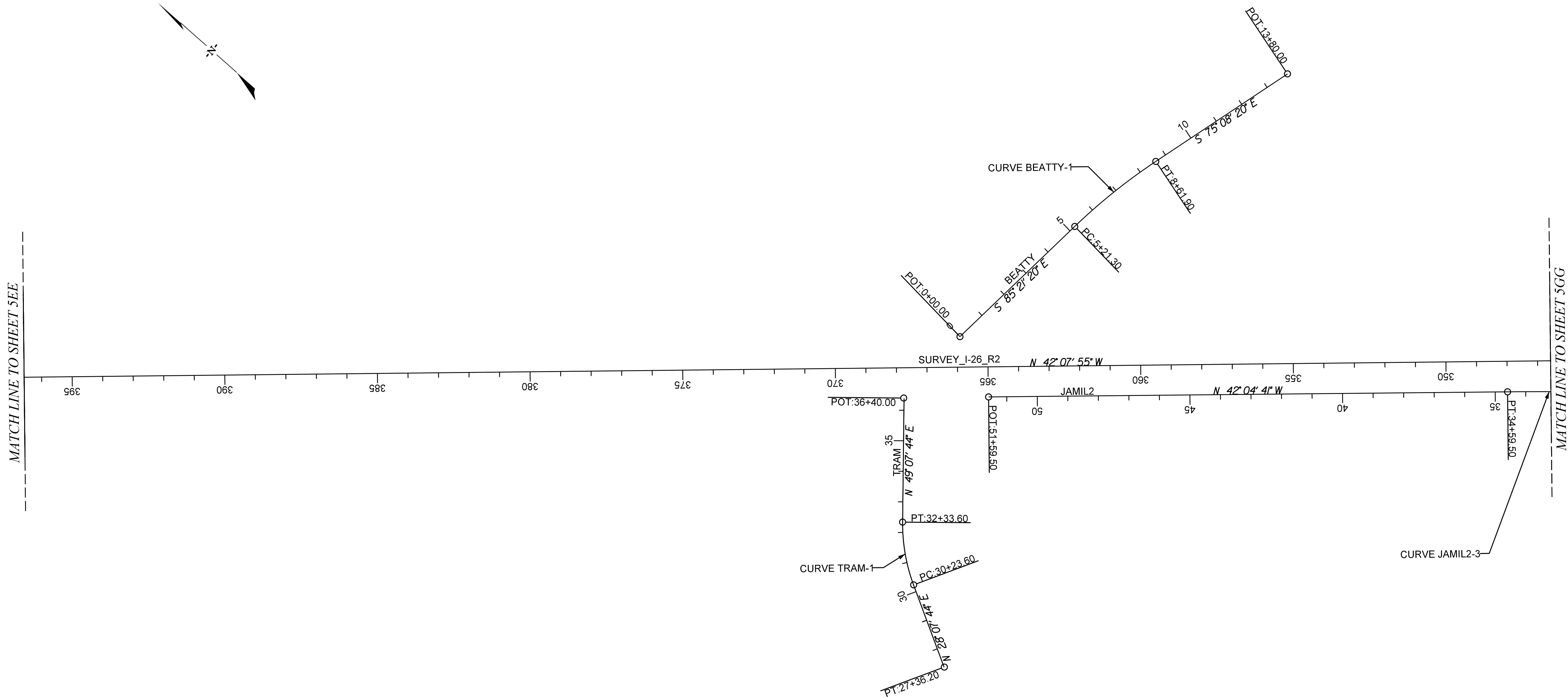
Curve BRDRH0-4				
P.I. Station	6233+13.98	N	803,484.1435	E 1,973,444.1640
Delta	=	2° 43' 00.36" (RT)		
Degree	=	0° 40' 43.90"		
Tangent	=	200.1353		
Length	=	400.1956		
Radius	=	8,440.0000		
External	=	2.3725		
Long Chord	=	400.1581		
Mid. Ord.	=	2.3719		
P.C. Station	6231+13.84	N	803,386.0253	E 1,973,269.7307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





GARNER LANE (GNR01P)				
Beginning chain GNR01P description				
=====				
Point GNRP001 N 802,235.0238 E 1,972,782.7496 Sta 9214+57.97				
Course from GNRP001 to PC GNR01P-1 N 45° 12' 22.34" W Dist 261.5526				
=====				
Curve Data				

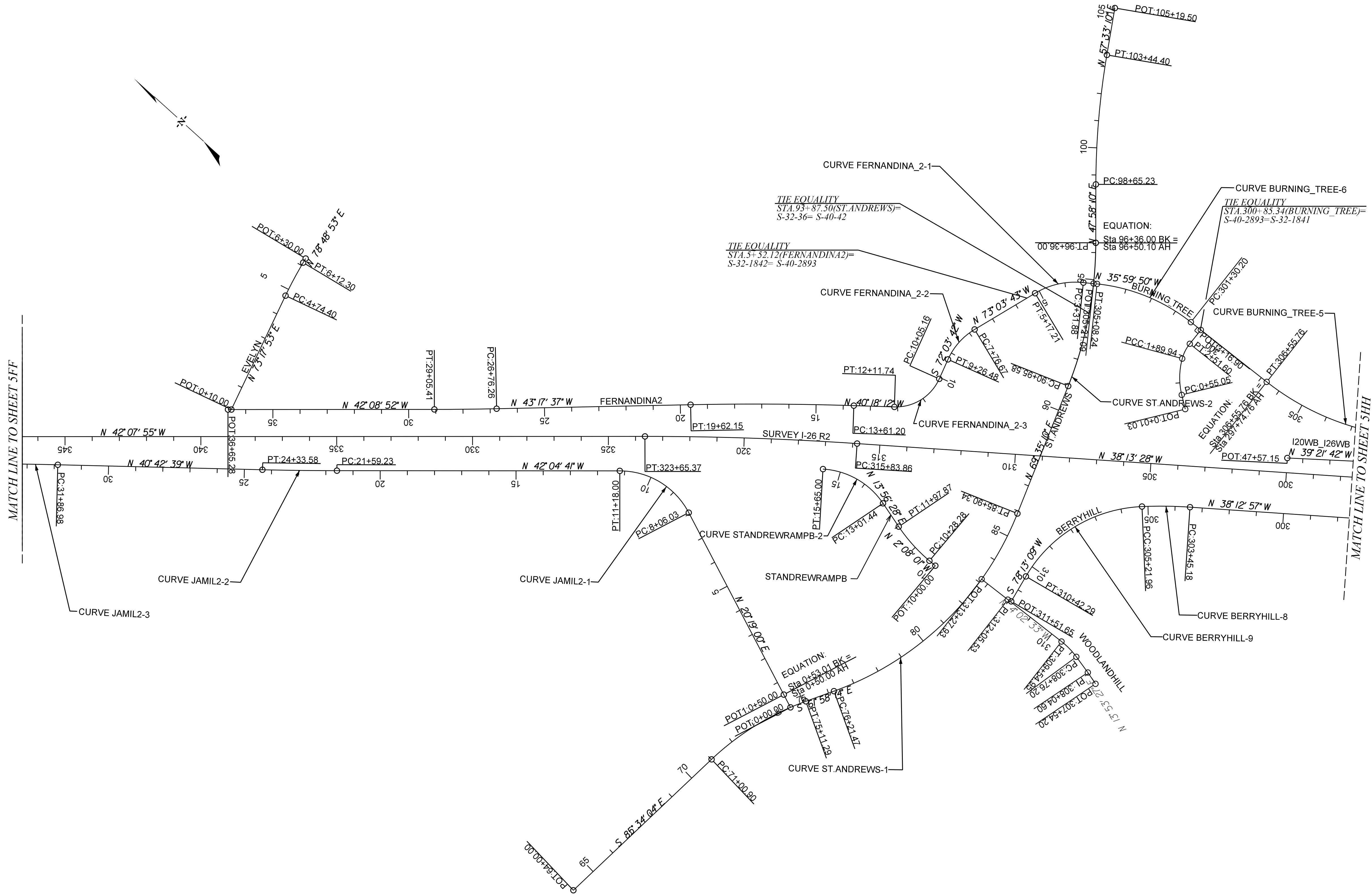
Curve GNR01P-1				
P.I. Station	9222+41.05	N	802,786.7472	E 1,972,227.0405
Delta	=	107° 50' 36.51" (RT)		
Degree	=	15° 04' 40.21"		
Tangent	=	521.5256		
Length	=	715.2450		
Radius	=	380.0000		
External	=	265.2820		
Long Chord	=	614.2422		
Mid. Ord.	=	156.2219		
P.C. Station	9217+19.52	N	802,419.3026	E 1,972,597.1395
P.T. Station	9224+34.77	N	803,026.4520	E 1,972,690.2149
C.C.	N	802,688.9684	E	1,972,864.8713
Back	= N 45° 12' 22.34" W			
Ahead	= N 62° 38' 14.17" E			
Chord Bear	= N 8° 42' 55.91" E			
Course from PT GNR01P-1 to GNRP002	N 62° 38' 14.17" E		Dist 65.2290	
Point GNRP002 N 803,056.4327 E 1,972,748.1458 Sta 9225+00.00				
=====				
Ending chain GNR01P description				

TRACT(S)		ISSUED FOR	DATE	TRACT(S)		ISSUED FOR	DATE	PLANS PREPARED BY <div><div>HDR</div><div>STV</div></div>	PLANS PREPARED FOR <div><div>SCDOT</div><div>South Carolina Department of Transportation</div></div>		CAROLINA CROSSROADS	
N/A		SHEET RELEASED	09-30-2019						REFERENCE DATA SHEET		PROPOSED ALIGNMENTS	
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FED. RD. DIV. NO.	STATE	COUNTY	FILE NO.	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON/RICHLAND	P027662	125/1201-125	5FF



TRACT(S)	ISSUED FOR	DATE	TRACT(S)	ISSUED FOR	DATE	PLANS PREPARED BY		PLANS PREPARED FOR		CAROLINA CROSSROADS	
NA	SHEET RELEASED	09-30-2019									
NA	TRAM ROAD UPDATED	04-08-2020				 		 South Carolina Department of Transportation		REFERENCE DATA SHEET EXISTING ALIGNMENTS	
											





TRACT(S)	ISSUED FOR	DATE	TRACT(S)	ISSUED FOR	DATE
N/A	SHEET RELEASED	09-30-2019			
N/A	JAMIL-2 REVISED	12-06-2019			
N/A	JAMIL-2, FERNANDINA2, BURNING_TREE REVISED	1-13-2020			
N/A	ST. ANDREWS, WOODLANDHILL REVISED	1-13-2020			
N/A	ADDED EQUALITY LABELS AT COUNTY LINE	1-13-2020			

PLANS PREPARED BY



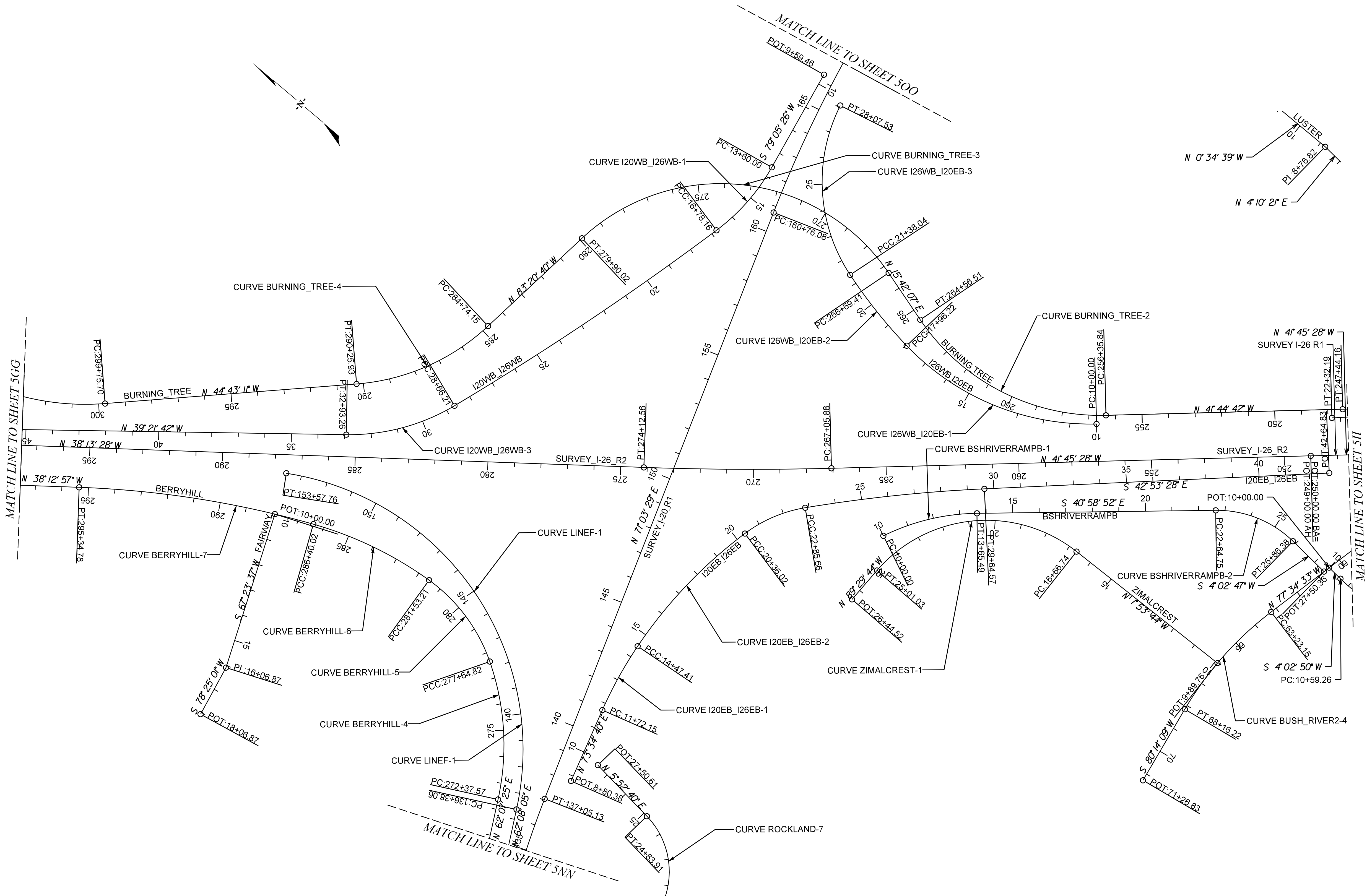
PLANS PREPARED FOR


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CAROLINA CROSSROADS	
REFERENCE DATA SHEET	
EXISTING ALIGNMENTS	

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3	S.C.	LEXINGTON/RICHLAND	P027662	I-26/I-201-25	5HH




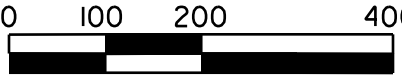
TRACT(S)	ISSUED FOR	DATE	TRACT(S)	ISSUED FOR	DATE
NA	SHEET RELEASED	11-01-2019			
NA	ZIMALCREST, BUSH_RIVER2 REVISED	12-06-2019			

PLANS PREPARED BY



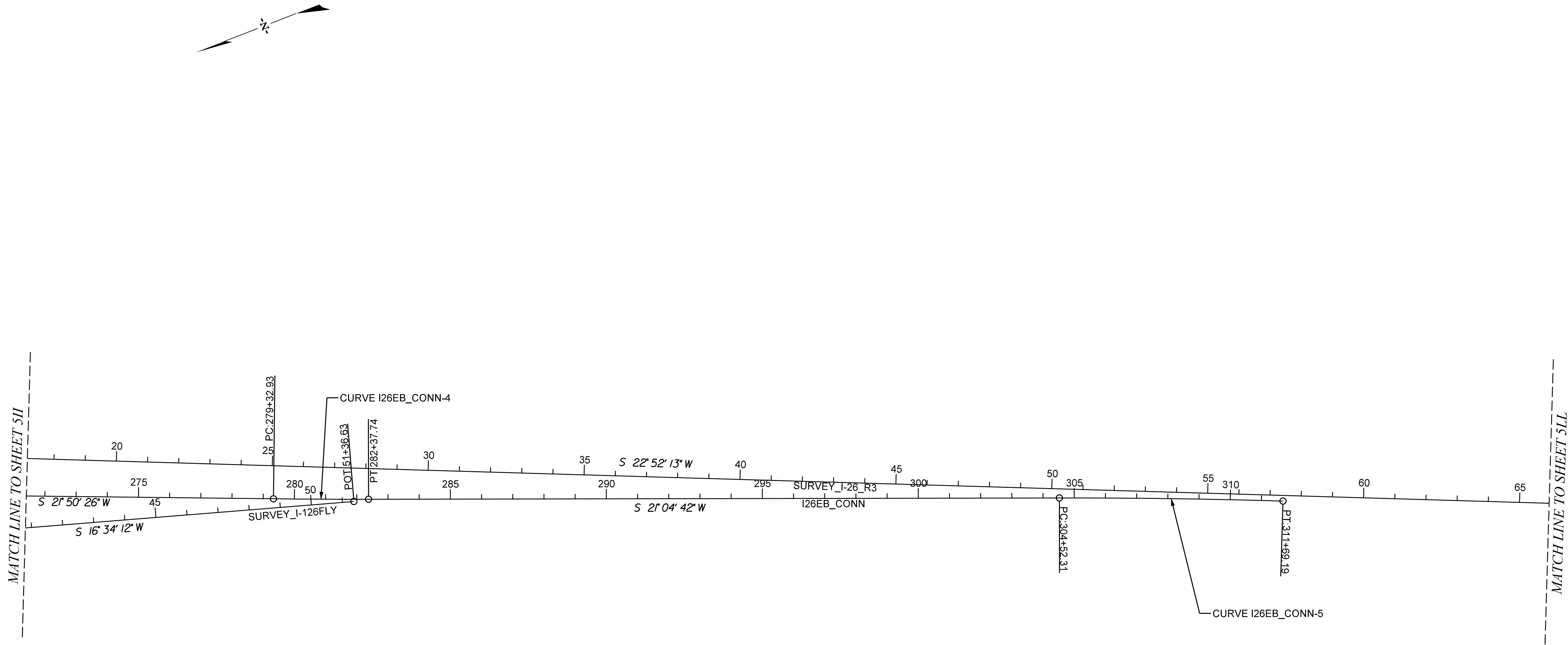
PLANS PREPARED FOR


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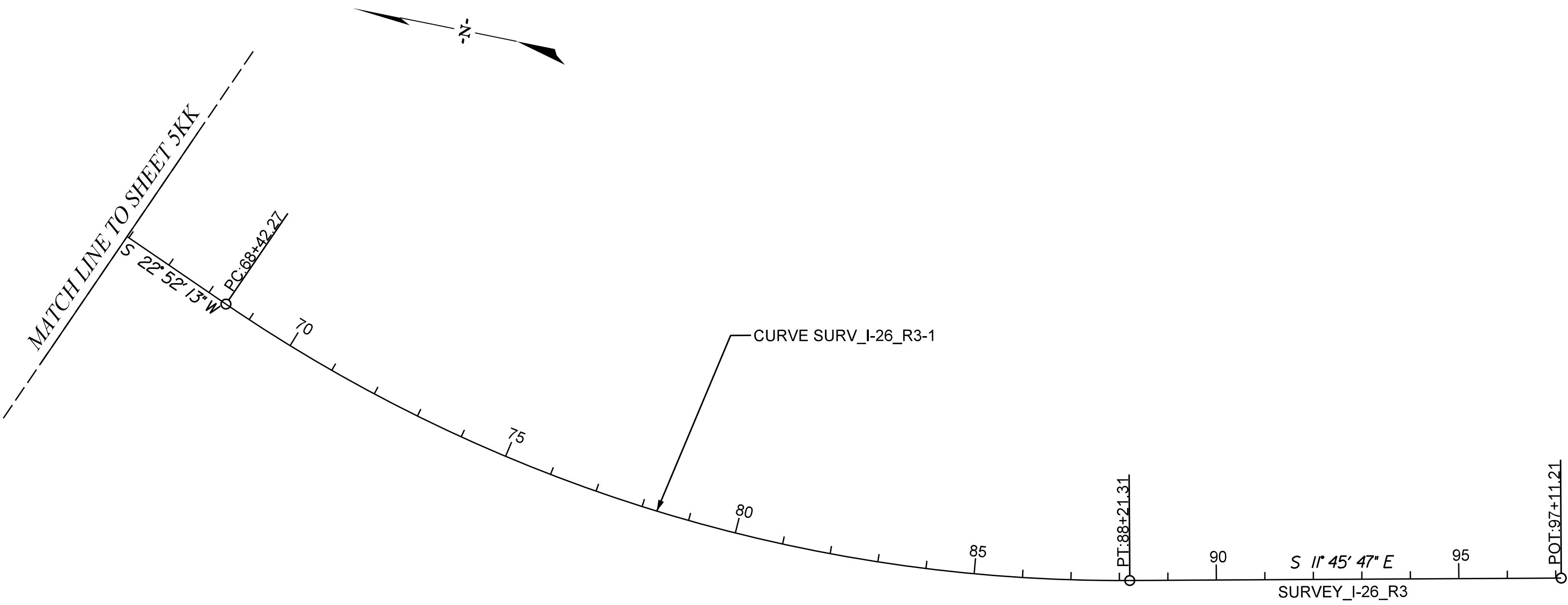
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3	S.C.	LEXINGTON/RICHLAND	P027662	I-26/1-201-125	5KK





TRACT(S)	ISSUED FOR	DATE	TRACT(S)	ISSUED FOR	DATE	PLANS PREPARED BY <div> </div>	PLANS PREPARED FOR <div> South Carolina Department of Transportation</div>	CAROLINA CROSSROADS REFERENCE DATA SHEET EXISTING ALIGNMENTS
N/A	SHEET RELEASED	09-30-2019					<div>0 100 200 400</div> 	

FED. RD. DIV. NO.	STATE	COUNTY	FILE NO.	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON/RICHLAND	P027662	I-26/I-204-125	5LL




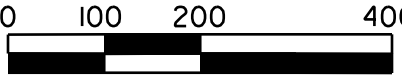
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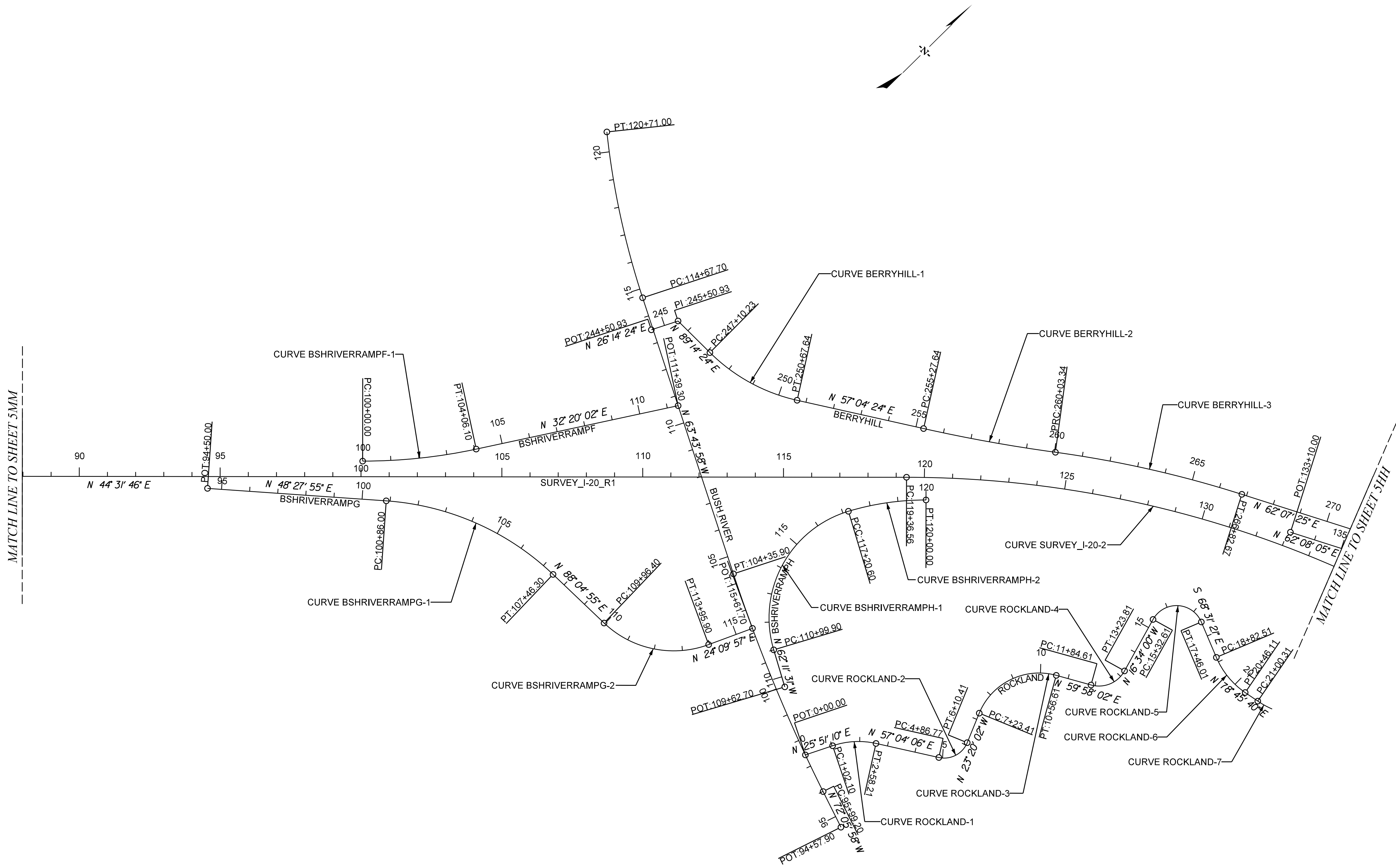

South Carolina Department of Transportation



CAROLINA CROSSROADS



REFERENCE DATA SHEET
EXISTING ALIGNMENTS

FED. RD. DIV. NO.	STATE	COUNTY	FILE NO.	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON/RICHLAND	P027662	125/120/125	5NN




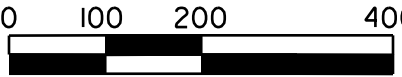
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NA	SHEET RELEASED	12-06-2019			

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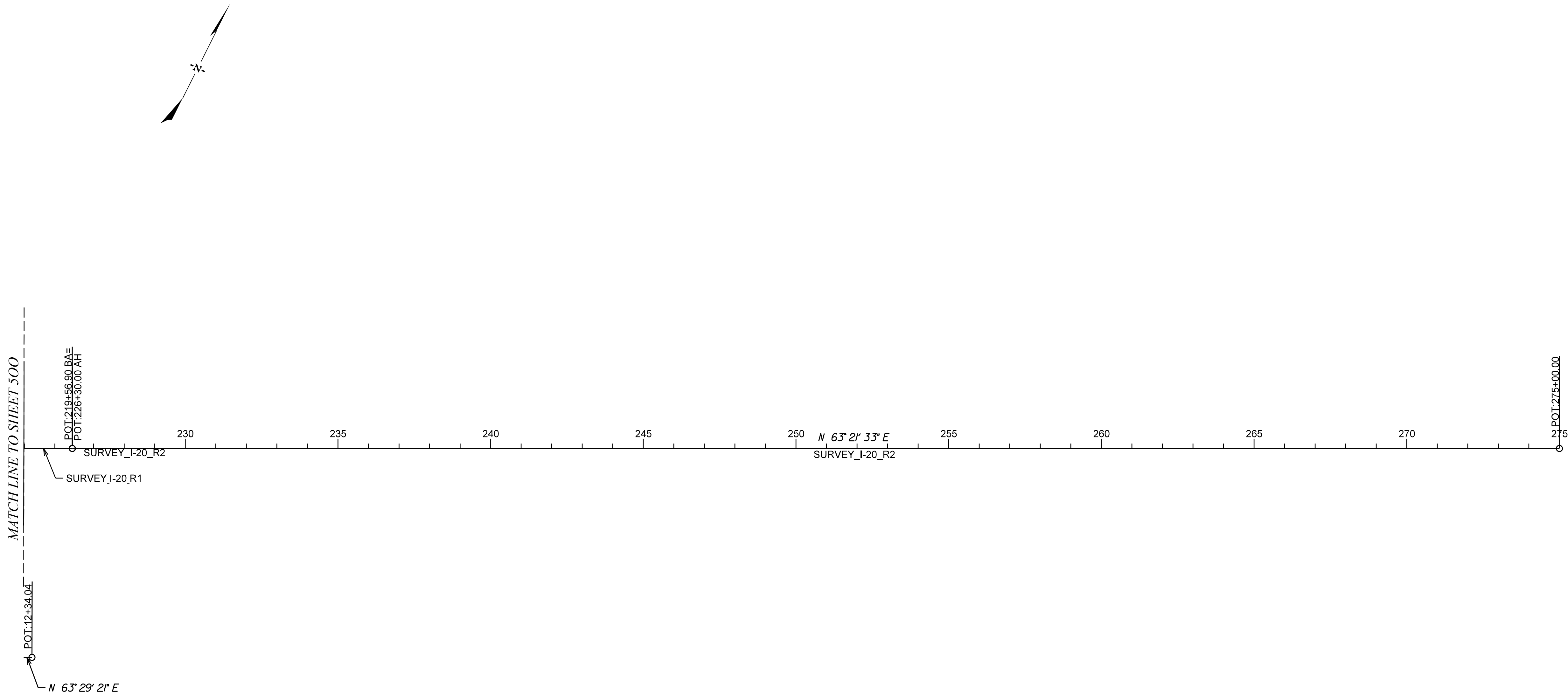


CAROLINA CROSSROADS

REFERENCE DATA SHEET

EXISTING ALIGNMENTS

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3	S.C.	LEXINGTON/RICHLAND	P027662	125/1201-125	5PP



TRACT(S)	ISSUED FOR	DATE	TRACT(S)	ISSUED FOR	DATE	PLANS PREPARED BY <div> </div>	PLANS PREPARED FOR <div> South Carolina Department of Transportation</div>	CAROLINA CROSSROADS	
N/A	SHEET RELEASED	11-01-2019						REFERENCE DATA SHEET EXISTING ALIGNMENTS	

FED. RD. DIV. NO.	STATE	COUNTY	FILE NO.	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON/RICHLAND	P027662	I-26/I-20/I-25	5QQ

SURVEY_I-26_R2				
Beginning chain SURVEY_I-26_R2 description				
Point XI269000 N 799,911.47 E 1,968,074.00 Sta 249+00.00				
Course from XI269000 to PC SURV_I-26_R2-1 N 41° 45' 28.22" W Dist 1,805.88				
Curve Data				
Curve SURV_I-26_R2-1				
P.I. Station 270+59.33 N 801,522.25 E 1,966,635.92				
Delta = 3° 32' 00.33" (RT)				
Degree = 0° 30' 00.00"				
Tangent = 353.45				
Length = 706.68				
Radius = 11,459.16				
External = 5.45				
Long Chord = 706.57				
Mid. Ord. = 5.45				
P.C. Station 267+05.88 N 801,258.59 E 1,966,871.31				
P.T. Station 274+12.56 N 801,799.93 E 1,966,417.22				
C.C. N 808,890.20 E 1,975,419.46				
Back = N 41° 45' 28.22" W				
Ahead = N 38° 13' 27.90" W				
Chord Bear = N 39° 59' 28.06" W				
Course from PT SURV_I-26_R2-1 to PC SURV_I-26_R2-2 N 38° 13' 27.90" W Dist 4,171.30				
Curve Data				
Curve SURV_I-26_R2-2				
P.I. Station 319+74.77 N 805,383.97 E 1,963,594.39				
Delta = 3° 54' 27.12" (LT)				
Degree = 0° 30' 00.00"				
Tangent = 390.90				
Length = 781.51				
Radius = 11,459.16				
External = 6.67				
Long Chord = 781.36				
Mid. Ord. = 6.66				
P.C. Station 315+83.86 N 805,076.87 E 1,963,836.25				
P.T. Station 323+65.37 N 805,673.86 E 1,963,332.15				
C.C. N 797,986.60 E 1,954,834.02				
Back = N 38° 13' 27.90" W				
Ahead = N 42° 07' 55.01" W				
Chord Bear = N 40° 10' 41.45" W				
Course from PT SURV_I-26_R2-2 to PC SURV_I-26_R2-3 N 42° 07' 55.01" W Dist 7,755.51				
Curve Data				
Curve SURV_I-26_R2-3				
P.I. Station 403+78.95 N 811,616.74 E 1,957,956.32				
Delta = 2° 34' 48.71" (RT)				
Degree = 0° 30' 00.00"				
Tangent = 258.06				
Length = 516.04				
Radius = 11,459.16				
External = 2.91				
Long Chord = 516.00				
Mid. Ord. = 2.90				
P.C. Station 401+20.88 N 811,425.36 E 1,958,129.44				
P.T. Station 406+36.92 N 811,815.72 E 1,957,791.99				
C.C. N 819,112.63 E 1,966,627.57				
Back = N 42° 07' 55.01" W				
Ahead = N 39° 33' 06.30" W				
Chord Bear = N 40° 50' 30.66" W				
Course from PT SURV_I-26_R2-3 to PC SURV_I-26_R2-4 N 39° 33' 06.30" W Dist 11,436.82				
Curve Data				
Curve SURV_I-26_R2-4				
P.I. Station 523+65.73 N 820,859.22 E 1,950,323.38				
Delta = 2° 55' 09.26" (LT)				
Degree = 0° 30' 00.00"				
Tangent = 291.99				
Length = 583.85				
Radius = 11,459.16				
External = 3.72				
Long Chord = 583.78				
Mid. Ord. = 3.72				
P.C. Station 520+73.74 N 820,634.08 E 1,950,509.31				
P.T. Station 526+57.59 N 821,074.59 E 1,950,126.23				
C.C. N 813,337.18 E 1,941,673.73				
Back = N 39° 33' 06.30" W				
Ahead = N 42° 28' 15.56" W				
Chord Bear = N 41° 00' 40.93" W				
Course from PT SURV_I-26_R2-4 to PC SURV_I-26_R2-5 N 42° 28' 15.56" W Dist 5,262.62				
Curve Data				
Curve SURV_I-26_R2-5				
P.I. Station 581+10.98 N 825,097.12 E 1,946,444.01				
Delta = 1° 54' 26.97" (RT)				
Degree = 0° 30' 00.00"				
Tangent = 190.77				
Length = 381.50				
Radius = 11,459.16				
External = 1.59				
Long Chord = 381.48				
Mid. Ord. = 1.59				
P.C. Station 579+20.22 N 824,956.41 E 1,946,572.82				
P.T. Station 583+01.71 N 825,242.04 E 1,946,319.95				
C.C. N 832,693.82 E 1,955,025.31				
Back = N 42° 28' 15.56" W				
Ahead = N 40° 33' 48.59" W				
Chord Bear = N 41° 31' 02.08" W				
Course from PT SURV_I-26_R2-5 to XI269001 N 40° 33' 48.59" W Dist 3,055.68				
Point XI269001 N 827,563.40 E 1,944,332.88 Sta 613+57.39				
Ending chain SURVEY_I-26_R2 description				

SURVEY_I-26_R1

Beginning chain SURVEY_I-26_R1 description

Point XI268000 N 799,287.99 E 1,968,630.63 Sta 241+64.20

Course from XI268000 to XI268001 N 41° 45' 28.22" W Dist 835.80

Point XI268001 N 799,911.47 E 1,968,074.00 Sta 250+00.00

Ending chain SURVEY_I-26_R1 description

SURVEY_I-26_R3

Beginning chain SURVEY_I-26_R3 description

Point XUS76000 N 798,005.52 E 1,969,119.98 Sta 5+00.00

Course from XUS76000 to PC SURV_I-26_R3-1 S 22° 52' 13.38" W Dist 6,342.27

Curve Data

Curve SURV_I-26_R3-1

P.I. Station 78+63.06 N 791,221.30 E 1,966,258.35

Delta = 34° 38' 00.03" (LT)

Degree = 1° 45' 00.01"

Tangent = 1,020.80

Length = 1,979.05

Radius = 3,274.04

External = 155.44

Long Chord = 1,949.05

Mid. Ord. = 148.40

P.C. Station 68+42.27 N 792,161.85 E 1,966,655.08

P.T. Station 88+21.31 N 790,221.94 E 1,966,466.45

C.C. N 790,889.40 E 1,969,671.73

Back = S 22° 52' 13.38" W

Ahead = S 11° 45' 46.66" E

Chord Bear = S 5° 33' 13.36" W

Course from PT SURV_I-26_R3-1 to XUS76001 S 11° 45' 46.66" E Dist 889.90

Point XUS76001 N 789,350.73 E 1,966,647.87 Sta 97+11.21

Ending chain SURVEY_I-26_R3 description

SURVEY_I-20_R1

Beginning chain SURVEY_I-20_R1 description

Point XI209000 N 792,437.99 E 1,954,911.98 Sta 0+00.00

Course from XI209000 to PC SURVEY_I-20-1 N 63° 59' 47.47" E Dist 1,265.61

Curve Data

Curve SURVEY_I-20-1

P.I. Station 22+48.43 N 793,423.76 E 1,956,932.79

Delta = 19° 28' 01.20" (LT)

Degree = 1° 00' 00.00"

Tangent = 982.82

Length = 1,946.70

Radius = 5,729.58

External = 83.68

Long Chord = 1,937.35

Mid. Ord. = 82.48

P.C. Station 12+65.61 N 792,992.87 E 1,956,049.46

P.T. Station 32+12.31 N 794,124.41 E 1,957,622.02

C.C. N 798,142.43 E 1,953,537.47

Back = N 63° 59' 47.47" E

Ahead = N 44° 31' 46.27" E

Chord Bear = N 54° 15' 46.87" E

Course from PT SURVEY_I-20-1 to PC SURVEY_I-20-2 N 44° 31' 46.27" E Dist 8,724.25

Curve Data

Curve SURVEY_I-20-2

P.I. Station 128+36.99 N 800,985.74 E 1,964,371.59

Delta = 26° 31' 42.64" (RT)

Degree = 1° 30' 00.00"

Tangent = 900.43

Length = 1,768.57

Radius = 3,819.72

External = 104.69

Long Chord = 1,752.81

Mid. Ord. = 101.90

P.C. Station 119+36.56 N 800,343.83 E 1,963,740.14

P.T. Station 137+05.13 N 801,278.03 E 1,965,223.26

C.C. N 797,665.16 E 1,966,463.18

Back = N 44° 31' 46.27" E

Ahead = N 71° 03' 28.91" E

Chord Bear = N 57° 47' 37.5" E

Course from PT SURVEY_I-20-2 to PC SURVEY_I-20-3 N 71° 03' 28.91" E Dist 2,370.95

Curve Data

Curve SURVEY_I-20-3

P.I. Station 169+14.22 N 802,319.73 E 1,968,258.56

Delta = 19° 22' 11.42" (RT)

Degree = 1° 10' 00.00"

Tangent = 838.13

Length = 1,680.27

Radius = 4,911.07

External = 71.01

Long Chord = 1,652.38

Mid. Ord. = 69.99

P.C. Station 160+76.08 N 802,047.66 E 1,967,465.82

P.T. Station 177+36.35 N 802,313.47 E 1,969,096.67

C.C. N 797,402.54 E 1,969,060.00

Back = N 71° 03' 28.91" E

Ahead = S 89° 34' 19.66" E

Chord Bear = N 80° 44' 34.63" E

Course from PT SURVEY_I-20-3 to PC SURVEY_I-20-4 S 89° 34' 19.66" E Dist 895.72

FED. RD. DIV. NO.	STATE	COUNTY	FILE NO.	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON/RICHLAND	P027662	I-26/I-20/I-25	5RR

BROAD_RIVER

Beginning chain BROAD_RIVER description
=====

Point BROADRIVER3 N 823,774.73 E 1,950,580.85 Sta 496+57.10
Course from BROADRIVER3 to PC BROAD_RIVER-1 N 77° 27' 47.00" W Dist 2,042.10

Curve Data

Curve BROAD_RIVER-1
P.I. Station 520+95.25 N 824,303.98 E 1,948,200.84
Delta = 7° 54' 30.00" (LT)
Degree = 1° 00' 00.00"
Tangent = 396.05
Length = 790.83
Radius = 5,729.57
External = 13.67
Long Chord = 790.20
Mid. Ord. = 13.64
P.C. Station 516+99.20 N 824,218.01 E 1,948,587.45
P.T. Station 524+90.03 N 824,335.94 E 1,947,806.09
C.C. N 818,625.05 E 1,947,343.73
Back = N 77° 27' 47.00" W
Ahead = N 85° 22' 17.00" W
Chord Bear = N 81° 25' 02.00" W
Course from PT BROAD_RIVER-1 to PC BROAD_RIVER-2 N 85° 22' 17.00" W Dist 943.21

Curve Data

Curve BROAD_RIVER-2
P.I. Station 540+13.22 N 824,458.85 E 1,946,287.87
Delta = 33° 47' 04.00" (RT)
Degree = 2° 59' 59.94"
Tangent = 579.98
Length = 1,126.15
Radius = 1,909.87
External = 86.12
Long Chord = 1,109.91
Mid. Ord. = 82.41
P.C. Station 534+33.24 N 824,412.05 E 1,946,865.96
P.T. Station 545+59.39 N 824,819.21 E 1,945,833.43
C.C. N 826,315.69 E 1,947,020.08
Back = N 85° 22' 17.00" W
Ahead = N 51° 35' 13.00" W
Chord Bear = N 68° 28' 45.00" W
Course from PT BROAD_RIVER-2 to BROADRIVER4 N 51° 35' 13.00" W Dist 1,440.60
Point BROADRIVER4 N 825,714.29 E 1,944,704.64 Sta 560+00.00

Ending chain BROAD_RIVER description

BROADRIVRAMPB

Beginning chain BROADRIVRAMPB description
=====

Curve Data

Curve BROADRIVRAMPB-1
P.I. Station 570+04.44 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 BROADRIVRAMPB-1 to PC BROADRIVRAMPB-2 N 39° 18' 39.41" E Dist 1.08

Curve Data

Curve BROADRIVRAMPB-2
P.I. Station 578+12.43 N 824,704.50 E 1,946,560.71
Delta = 75° 52' 28.01" (LT)
Degree = 25° 27' 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 BROADRIVRAMPB-2 to BROADRIVRAMPB2 N 36° 33' 48.59" W Dist 1,611.68
Point BROADRIVRAMPB2 N 826,139.87 E 1,945,496.13 Sta 595+46.67

Ending chain BROADRIVRAMPB description

BROADRIVRAMPC

Beginning chain BROADRIVRAMPC description
=====

Curve Data

Curve BROADRIVRAMPC-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 BROADRIVRAMPC-1 to PC BROADRIVRAMPC-2 N 83° 39' 47.00" W Dist 375.55

Curve Data

Curve BROADRIVRAMPC-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" E
Chord Bear = N 36° 05' 51.50" W
Course from PT BROADRIVRAMPC-2 to BROADRIVRAMPC2 N 11° 28' 04.00" E Dist 182.63
Point BROADRIVRAMPC2 N 824,443.89 E 1,946,640.64 Sta 578+12.85

Ending chain BROADRIVRAMPC description

BROADRIVRAMPD

Beginning chain BROADRIVRAMPD description
=====

Point BROADRIVRAMPD1 N 823,005.32 E 1,948,432.05 Sta 552+53.31
Course from BROADRIVRAMPD1 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

WESTERN

Beginning chain WESTERN description
=====

Point WESTERN1 N 824,066.23 E 1,949,269.97 Sta 496+57.10
Course from WESTERN1 to PC WESTERN-1 N 12° 31' 54.37" E Dist 115.56

Equation: Sta 497+72.66 (BK) = Sta 1+63.96 (AH) -----
Begin Region 2

Curve Data

Curve WESTERN-1
P.I. Station 3+94.13 N 824,403.73 E 1,949,344.99
Delta = 51° 28' 28.71" (LT)
Degree = 11° 59' 59.53"
Tangent = 230.17
Length = 428.96
Radius = 477.47
External = 52.58
Long Chord = 414.68
Mid. Ord. = 47.37
P.C. Station 1+63.96 N 824,179.04 E 1,949,295.05
P.T. Station 5+92.92 N 824,582.75 E 1,949,200.32
C.C. N 824,282.64 E 1,948,828.95
Back = N 12° 31' 54.37" E
Ahead = N 38° 56' 34.35" W
Chord Bear = N 13° 12' 19.99" W
Course from PT WESTERN-1 to PC WESTERN-2 N 38° 56' 34.35" W Dist 614.34

Curve Data

Curve WESTERN-2
P.I. Station 14+86.54 N 825,277.79 E 1,948,638.63
Delta = 37° 40' 49.27" (LT)
Degree = 7° 00' 00.03"
Tangent = 279.28
Length = 538.29
Radius = 818.51
External = 46.34
Long Chord = 528.64
Mid. Ord. = 43.85
P.C. Station 12+07.26 N 825,060.57 E 1,948,814.18
P.T. Station 17+45.55 N 825,342.40 E 1,948,366.93
C.C. N 824,546.10 E 1,948,177.56
Back = N 38° 56' 34.35" W
Ahead = N 76° 37' 23.62" W
Chord Bear = N 57° 46' 58.98" W
Course from PT WESTERN-2 to PC WESTERN-3 N 76° 37' 23.62" W Dist 1,254.43

Curve Data

Curve WESTERN-3
P.I. Station 32+70.40 N 825,695.18 E 1,946,883.45
Delta = 21° 22' 55.44" (LT)
Degree = 4° 00' 00.05"
Tangent = 270.42
Length = 534.55
Radius = 1,432.39
External = 25.30
Long Chord = 531.45
Mid. Ord. = 24.86
P.C. Station 29+99.98 N 825,632.62 E 1,947,146.53
P.T. Station 35+34.53 N 825,657.52 E 1,946,615.66
C.C. N 824,239.09 E 1,946,815.14
Back = N 76° 37' 23.62" W
Ahead = S 81° 59' 40.94" W
Chord Bear = N 87° 18' 51.34" W
Course from PT WESTERN-3 to PC WESTERN-4 S 81° 59' 40.94" W Dist 207.72

Curve Data

Curve WESTERN-4
P.I. Station 40+03.11 N 825,592.27 E 1,946,151.65
Delta = 57° 17' 53.06" (RT)
Degree = 11° 59' 59.53"
Tangent = 260.86
Length = 477.49
Radius = 477.47
External = 66.61
Long Chord = 457.84
Mid. Ord. = 58.46
P.C. Station 37+42.25 N 825,628.59 E 1,946,409.96
P.T. Station 42+19.74 N 825,790.01 E 1,945,981.52
C.C. N 826,101.41 E 1,946,343.47
Back = S 81° 59' 40.94" W
Ahead = N 40° 42' 26.00" W
Chord Bear = N 69° 21' 22.53" W
Course from PT WESTERN-4 to WESTERN2 N 40° 42' 26.00" W Dist 324.91

Equation: Sta 45+44.65 (BK) = Sta 544+35.27 (AH) -----
Begin Region 3

Point WESTERN2 N 826,036.31 E 1,945,769.62 Sta 544+35.27

Ending chain WESTERN description

COLUMBIANA

Beginning chain COLUMBIANA description
=====

Point COLUMBIANA1 N 821,376.19 E 1,948,209.85 Sta 10+00.00
Course from COLUMBIANA1 to PC COLUMBIANA-1 N 19° 25' 17.00" W Dist 47.07

Curve Data

Curve COLUMBIANA-1
P.I. Station 12+30.76 N 821,593.81 E 1,948,133.12
Delta = 51° 21' 53.10" (RT)
Degree = 15° 00' 00.26"
Tangent = 183.69
Length = 342.43
Radius = 381.97
External = 41.87
Long Chord = 331.08
Mid. Ord. = 37.73
P.C. Station 10+47.07 N 821,420.58 E 1,948,194.19
P.T. Station 13+89.50 N 821,749.68 E 1,948,230.30
C.C. N 821,547.59 E 1,948,554.43
Back = N 19° 25' 17.00" W
Ahead = N 31° 56' 36.10" E
Chord Bear = N 6° 15' 39.55" E
Course from PT COLUMBIANA-1 to PC COLUMBIANA-2 N 31° 56' 36.10" E Dist 383.45

Curve Data

Curve COLUMBIANA-2
P.I. Station 21+68.82 N 822,410.99 E 1,948,642.62
Delta = 74° 28' 18.10" (LT)
Degree = 11° 00' 00.05"
Tangent = 395.88
Length = 677.01
Radius = 520.87
External = 133.36
Long Chord = 630.35
Mid. Ord. = 106.18
P.C. Station 17+72.95 N 822,075.06 E 1,948,433.17
P.T. Station 24+49.96 N 822,702.73 E 1,948,375.03
C.C. N 822,350.65 E 1,947,991.18
Back = N 31° 56' 36.10" E
Ahead = N 42° 31' 42.00" W
Chord Bear = N 5° 17' 32.95" W
Course from PT COLUMBIANA-2 to PC COLUMBIANA-3 N 42° 31' 42.00" W Dist 1,091.07

Curve Data

Curve COLUMBIANA-3
P.I. Station 38+53.25 N 823,736.88 E 1,947,426.47
Delta = 57° 10' 29.21" (LT)
Degree = 9° 59' 59.86"
Tangent = 312.22
Length = 571.75
Radius = 572.96
External = 79.55
Long Chord = 548.32
Mid. Ord. = 69.85
P.C. Station 35+41.03 N 823,506.79 E 1,947,637.52
P.T. Station 41+12.78 N 823,684.26 E 1,947,118.71
C.C. N 823,119.49 E 1,947,215.28
Back = N 42° 31' 42.00" W
Ahead = S 80° 17' 48.79" W
Chord Bear = N 71° 06' 56.60" W
Course from PT COLUMBIANA-3 to PC COLUMBIANA-4 S 80° 17' 48.79" W Dist 505.17

Curve Data

Curve COLUMBIANA-4
P.I. Station 50+38.88 N 823,528.17 E 1,946,205.86
Delta = 77° 53' 08.19" (RT)
Degree = 11° 00' 00.05"
Tangent = 420.93
Length = 708.05
Radius = 520.87
External = 148.82
Long Chord = 654.78
Mid. Ord. = 115.75
P.C. Station 46+17.95 N 823,599.11 E 1,946,620.77
P.T. Station 53+26.00 N 823,918.95 E 1,946,049.42
C.C. N 824,112.53 E 1,946,532.98
Back = S 80° 17' 48.79" W
Ahead = N 21° 49' 03.02" W
Chord Bear = N 60° 45' 33.11" W
Course from PT COLUMBIANA-4 to PC COLUMBIANA-5 N 21° 49' 03.02" W Dist 188.65

Curve Data

Curve COLUMBIANA-5
P.I. Station 57+66.12 N 824,327.54 E 1,945,885.85
Delta = 55° 32' 58.02" (RT)
Degree = 12° 00' 00.44"
Tangent = 251.47
Length = 462.91
Radius = 477.46
External = 62.17
Long Chord = 444.99
Mid. Ord. = 55.01
P.C. Station 55+14.65 N 824,094.09 E 1,945,979.30
P.T. Station 59+77.56 N 824,536.67 E 1,946,025.49
C.C. N 824,271.54 E 1,946,422.56
Back = N 21° 49' 03.02" W
Ahead = N 33° 43' 55.00" E
Chord Bear = N 5° 57' 25.99" E
Course from PT COLUMBIANA-5 to COLUMBIANA2 N 33° 43' 55.00" E Dist 128.72
Point COLUMBIANA2 N 824,643.72 E 1,946,096.97 Sta 61+06.28

Ending chain COLUMBIANA description

TRACT(S)	ISSUED FOR	DATE	TRACT(S)	ISSUED FOR	DATE	PLANS PREPARED BY <div>HDR</div> <div>STV</div>	PLANS PREPARED FOR <div>SCDOT</div> <div>South Carolina Department of Transportation</div>	CAROLINA CROSSROADS	
NA	SHEET RELEASED	11-01-2019						REFERENCE DATA SHEET	
								EXISTING ALIGNMENTS	
							<div>0100200400</div>		

FED. RD. DIV. NO.	STATE	COUNTY	FILE NO.	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON/RICHLAND	P027662	1251+201+125	5UU

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	= 105.3110			
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° 29' 59.89"			
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+33.62 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				

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 = 643.6103

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' 00.03" (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 113+98.83 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

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				

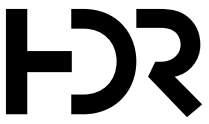



FED. RD. DIV. NO.	STATE	COUNTY	FILE NO.	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON/RICHLAND	P027662	1251-201-125	5VV

TRAM				
Beginning chain TRAM description				
Point TRAM1 N 808,195.7799 E 1,959,726.4361 Sta 27+36.20				
Course from TRAM1 to PC TRAM-1 N 28° 07' 44.44" E Dist 287.4000				
Curve Data				
Curve TRAM-1				
P.I. Station	31+29.79 N	808,542.8836 E	1,959,911.9981	
Delta	= 20° 59' 59.97" (RT)			
Degree	= 9° 59' 59.99"			
Tangent	= 106.1914			
Length	= 210.0000			
Radius	= 572.9580			
External	= 9.7576			
Long Chord	= 208.8265			
Mid. Ord.	= 8.5942			
P.C. Station	30+23.60 N	808,449.2346 E	1,959,861.9333	
P.T. Station	32+33.60 N	808,612.3708 E	1,959,992.2985	
C.C.	N 808,179.1087 E	1,960,367.2182		
Back	= N 28° 07' 44.44" E			
Ahead	= N 49° 07' 44.41" E			
Chord Bear	= N 38° 37' 44.42" E			
Course from PT TRAM-1 to TRAM2 N 49° 07' 44.41" E Dist 405.1857				
Point TRAM2 N 808,877.5074 E 1,960,298.6938 Sta 36+38.79				
Ending chain TRAM description				

JAMIL2				
Beginning chain JAMIL2 description				
Point JAMIL21 N 804,607.2943 E 1,962,951.0036 Sta 0+00.00				
Course from JAMIL21 to JAMIL2100 N 20° 19' 00.17" E Dist 53.0120				
End Region 1				
Equation: Sta 0+53.01 (BK) = Sta 0+50.00 (AH)				
Begin Region 2				
Point JAMIL2100 N 804,657.0083 E 1,962,969.4099 Sta 0+50.00				
Course from JAMIL2100 to PC JAMIL2-1 N 20° 19' 00.17" E Dist 756.0301				
Curve Data				
Curve JAMIL2-1				
P.I. Station	9+79.51 N	805,528.6910 E	1,963,292.1442	
Delta	= 62° 23' 40.81" (LT)			
Degree	= 19° 59' 59.97"			
Tangent	= 173.4796			
Length	= 311.9735			
Radius	= 286.4790			
External	= 48.4320			
Long Chord	= 296.7849			
Mid. Ord.	= 41.4282			
P.C. Station	8+06.03 N	805,366.0040 E	1,963,231.9105	
P.T. Station	11+18.00 N	805,657.4535 E	1,963,175.8884	
C.C.	N 805,465.4721 E	1,962,963.2540		
Back	= N 20° 19' 00.17" E			
Ahead	= N 42° 04' 40.64" W			
Chord Bear	= N 10° 52' 50.23" W			
Course from PT JAMIL2-1 to PC JAMIL2-2 N 42° 04' 40.64" W Dist 1,041.2255				
Curve Data				
Curve JAMIL2-2				
P.I. Station	22+96.41 N	806,532.1069 E	1,962,386.1895	
Delta	= 1° 22' 01.76" (RT)			
Degree	= 0° 29' 53.97"			
Tangent	= 137.1815			
Length	= 274.3500			
Radius	= 11,497.6600			
External	= 0.8183			
Long Chord	= 274.3435			
Mid. Ord.	= 0.8183			
P.C. Station	21+59.23 N	806,430.2862 E	1,962,478.1204	
P.T. Station	24+33.58 N	806,636.0921 E	1,962,296.7140	
C.C.	N 814,135.3405 E	1,971,012.0716		
Back	= N 42° 04' 40.64" W			
Ahead	= N 40° 42' 38.88" W			
Chord Bear	= N 41° 23' 39.76" W			
Course from PT JAMIL2-2 to PC JAMIL2-3 N 40° 42' 38.88" W Dist 753.4000				
Curve Data				
Curve JAMIL2-3				
P.I. Station	33+23.25 N	807,310.4694 E	1,961,716.4368	
Delta	= 1° 22' 01.89" (LT)			
Degree	= 0° 30' 06.07"			
Tangent	= 136.2665			
Length	= 272.5200			
Radius	= 11,420.6600			
External	= 0.8129			
Long Chord	= 272.5135			
Mid. Ord.	= 0.8129			
P.C. Station	31+86.98 N	807,207.1779 E	1,961,805.3154	
P.T. Station	34+59.50 N	807,411.6109 E	1,961,625.1190	
C.C.	N 799,758.1520 E	1,953,148.3247		
Back	= N 40° 42' 38.88" W			
Ahead	= N 42° 04' 40.77" W			
Chord Bear	= N 41° 23' 39.82" W			
Course from PT JAMIL2-3 to JAMIL22 N 42° 04' 40.77" W Dist 1,700.0000				
Point JAMIL22 N 808,673.4076 E 1,960,485.8783 Sta 51+59.50				
Ending chain JAMIL2 description				

BEATTY				
Beginning chain BEATTY description				
Point BEATTY1 N 808,874.4694 E 1,960,571.6548 Sta 0+00.00				
Course from BEATTY1 to PC BEATTY-1 S 85° 21' 19.68" E Dist 521.3000				
Curve Data				
Curve BEATTY-1				
P.I. Station	6+92.05 N	808,818.4313 E	1,961,261.4349	
Delta	= 10° 12' 59.97" (RT)			
Degree	= 2° 59' 58.58"			
Tangent	= 170.7527			
Length	= 340.6000			
Radius	= 1,910.1100			
External	= 7.6170			
Long Chord	= 340.1489			
Mid. Ord.	= 7.5867			
P.C. Station	5+21.30 N	808,832.2578 E	1,961,091.2430	
P.T. Station	8+61.90 N	808,774.6370 E	1,961,426.4759	
C.C.	N 806,928.4201 E	1,960,936.5744		
Back	= S 85° 21' 19.68" E			
Ahead	= S 75° 08' 19.70" E			
Chord Bear	= S 80° 14' 49.69" E			
Course from PT BEATTY-1 to BEATTY2 S 75° 08' 19.70" E Dist 518.1000				
Point BEATTY2 N 808,841.7556 E 1,961,927.2455 Sta 13+80.00				
Ending chain BEATTY description				
EVELYN				
Beginning chain EVELYN description				
Point EVELYN1 N 806,869.5876 E 1,962,384.6182 Sta 0+10.00				
Course from EVELYN1 to PC EVELYN-1 N 73° 17' 52.57" E Dist 464.4000				
Curve Data				
Curve EVELYN-1				
P.I. Station	5+43.40 N	807,022.8851 E	1,962,895.5184	
Delta	= 5° 31' 00.02" (RT)			
Degree	= 4° 00' 01.75"			
Tangent	= 69.0333			
Length	= 137.9000			
Radius	= 1,432.2200			
External	= 1.6613			
Long Chord	= 137.8467			
Mid. Ord.	= 1.6594			
P.C. Station	4+74.40 N	807,003.0539 E	1,962,829.4262	
P.T. Station	6+12.30 N	807,036.2706 E	1,962,963.2110	
C.C.	N 805,631.2562 E	1,963,241.0391		
Back	= N 73° 17' 52.57" E			
Ahead	= N 78° 48' 52.59" E			
Chord Bear	= N 76° 03' 22.58" E			
Course from PT EVELYN-1 to EVELYN2 N 78° 48' 52.59" E Dist 17.7000				
Point EVELYN2 N 807,039.7042 E 1,962,980.5747 Sta 6+30.00				
Ending chain EVELYN description				
FERNANDINA2				
Beginning chain FERNANDINA2 description				
Point FERNANDINA21 N 804,826.0083 E 1,964,856.7437 Sta 2+94.21				
Course from FERNANDINA21 to PC FERNANDINA2-1 N 35° 59' 45.62" W Dist 37.6716				
Curve Data				
Curve FERNANDINA2-1				
P.I. Station	4+27.92 N	804,934.1870 E	1,964,778.1588	
Delta	= 37° 03' 57.09" (LT)			
Degree	= 19° 59' 59.72"			
Tangent	= 96.0380			
Length	= 185.3300			
Radius	= 286.4800			
External	= 15.6691			
Long Chord	= 182.1151			
Mid. Ord.	= 14.8565			
P.C. Station	3+31.88 N	804,856.4868 E	1,964,834.6031	
P.T. Station	5+17.21 N	804,962.1666 E	1,964,686.2869	
C.C.	N 804,688.1142 E	1,964,602.8241		
Back	= N 35° 59' 45.62" W			
Ahead	= N 73° 03' 42.71" W			
Chord Bear	= N 54° 31' 44.17" W			
Course from PT FERNANDINA2-1 to PC FERNANDINA2-2 N 73° 03' 42.71" W Dist 259.4600				
Curve Data				
Curve FERNANDINA2-2				
P.I. Station	8+53.98 N	805,060.2800 E	1,964,364.1290	
Delta	= 34° 52' 35.77" (LT)			
Degree	= 23° 16' 50.01"			
Tangent	= 77.3069			
Length	= 149.8100			
Radius	= 246.1100			
External	= 11.8561			
Long Chord	= 147.5078			
Mid. Ord.	= 11.3112			
P.C. Station	7+76.67 N	805,037.7575 E	1,964,438.0823	
P.T. Station	9+26.48 N	805,036.4698 E	1,964,290.5801	
C.C.	N 804,802.3237 E	1,964,366.3809		
Back	= N 73° 03' 42.71" W			
Ahead	= S 72° 03' 41.52" W			
Chord Bear	= S 89° 29' 59.40" W			
Course from PT FERNANDINA2-2 to PC FERNANDINA2-3 S 72° 03' 41.52" W Dist 78.6800				
Curve Data				
Curve FERNANDINA2-3				
P.I. Station	11+22.39 N	804,976.1304 E	1,964,104.1936	
Delta	= 67° 38' 06.76" (RT)			
Degree	= 32° 44' 25.60"			
Tangent	= 117.2302			
Length	= 206.5800			
Radius	= 175.0000			
External	= 35.6369			
Long Chord	= 194.7928			
Mid. Ord.	= 29.6076			
P.C. Station	10+05.16 N	805,012.2367 E	1,964,215.7249	
P.T. Station	12+11.74 N	805,065.5338 E	1,964,028.3652	
C.C.	N 805,178.7296 E	1,964,161.8257		
Back	= S 72° 03' 41.52" W			
Ahead	= N 40° 18' 11.72" W			
Chord Bear	= N 74° 07' 15.10" W			
Course from PT FERNANDINA2-3 to PC FERNANDINA2-4 N 40° 18' 11.72" W Dist 149.4600				

Curve Data				
Curve FERNANDINA2-4				
P.I. Station	16+61.74 N	805,408.7205 E	1,963,737.2882	
Delta	= 2° 59' 25.43" (LT)			
Degree	= 0° 29' 51.40"			
Tangent	= 300.5432			
Length	= 600.9500			
Radius	= 11,514.1600			
External	= 3.9217			
Long Chord	= 600.8818			
Mid. Ord	= 3.9204			
P.C. Station	13+61.20 N	805,179.5167 E	1,963,931.6895	
P.T. Station	19+62.15 N	805,627.4705 E	1,963,531.1944	
C.C.	N 797,731.7769 E	1,955,150.6274		
Back	= N 40° 18' 11.72" W			
Ahead	= N 43° 17' 37.14" W			
Chord Bear	= N 41° 47' 54.43" W			
Course from PT FERNANDINA2-4 to PC FERNANDINA2-5 N 43° 17' 37.14" W Dist 714.1100				
Curve Data				
Curve FERNANDINA2-5				
P.I. Station	27+90.84 N	806,230.6306 E	1,962,962.9312	
Delta	= 1° 08' 44.70" (RT)			
Degree	= 0° 30' 00.00"			
Tangent	= 114.5788			
Length	= 229.1500			
Radius	= 11,459.1600			
External	= 0.5728			
Long Chord	= 229.1462			
Mid. Ord.	= 0.5728			
P.C. Station	26+76.26 N	806,147.2346 E	1,963,041.5023	
P.T. Station	29+05.41 N	806,315.5811 E	1,962,886.0435	
C.C.	N 814,005.2126 E	1,971,382.0376		
Back	= N 43° 17' 37.14" W			
Ahead	= N 42° 08' 52.44" W			
Chord Bear	= N 42° 43' 14.79" W			
Course from PT FERNANDINA2-5 to FERNANDINA22 N 42° 08' 52.44" W Dist 759.8700				
Course from FERNANDINA22 N 806,878.9602 E 1,962,376.1352 Sta 36+65.28				
=====				
Ending chain FERNANDINA2 description				
=====				
ST.ANDREWS				
=====				
Beginning chain ST.ANDREWS description				
=====				
Point STANDREWS3 N 804,748.4641 E 1,961,915.4041 Sta 64+00.00				
Course from STANDREWS3 to PC ST.ANDREWS-1 S 85° 34' 04.03" E Dist 700.8976				
Curve Data				
Curve ST.ANDREWS-1				
P.I. Station	73+09.04 N	804,678.2136 E	1,962,821.7279	
Delta	= 23° 35' 50.27" (RT)			
Degree	= 5° 44' 59.97"			
Tangent	= 208.1447			
Length	= 410.3884			
Radius	= 996.4500			
External	= 21.5072			
Long Chord	= 407.4942			
Mid. Ord.	= 21.0528			
P.C. Station	71+00.90 N	804,694.2990 E	1,962,614.2056	
P.T. Station	75+11.29 N	804,580.4010 E	1,963,005.4584	
C.C.	N 803,700.8289 E	1,962,537.2004		
Back	= S 85° 34' 04.03" E			
Ahead	= S 61° 58' 13.76" E			
Chord Bear	= S 73° 46' 08.90" E			
Course from PT ST.ANDREWS-1 to PC ST.ANDREWS-2 S 61° 58' 13.76" E Dist 110.1874				
Curve Data				
Curve ST.ANDREWS-2				
P.I. Station	81+36.99 N	804,286.3666 E	1,963,557.7703	
Delta	= 48° 26' 35.97" (LT)			
Degree	= 4° 59' 59.99"			
Tangent	= 515.5159			
Length	= 968.8669			
Radius	= 1,145.9160			
External	= 110.6190			
Long Chord	= 940.2650			
Mid. Ord.	= 100.8806			
P.C. Station	76+21.47 N	804,528.6210 E	1,963,102.7214	
P.T. Station	85+90.34 N	804,466.1775 E	1,964,040.9107	
C.C.	N 805,540.1276 E	1,963,641.2175		
Back	= S 61° 58' 13.76" E			
Ahead	= N 69° 35' 10.26" E			
Chord Bear	= S 86° 11' 31.75" E			
Course from PT ST.ANDREWS-2 to PC ST.ANDREWS-3 N 69° 35' 10.26" E Dist 505.2431				
Curve Data				
Curve ST.ANDREWS-3				
P.I. Station	93+69.04 N	804,737.7875 E	1,964,770.7093	
Delta	= 21° 37' 00.00" (LT)			
Degree	= 4° 00' 00.00"			
Tangent	= 273.4597			
Length	= 540.4165			
Radius	= 1,432.3940			
External	= 25.8696			
Long Chord	= 537.2170			
Mid. Ord.	= 25.4107			
P.C. Station	90+65.58 N	804,642.4053 E	1,964,514.4235	
P.T. Station	96+36.00 N	804,620.8758 E	1,964,973.8321	
C.C.	N 805,984.8420 E	1,964,014.8073		
Back	= N 69° 35' 10.26" E			
Ahead	= N 47° 58' 10.26" E			
Chord Bear	= N 58° 46' 40.26" E			
End Region 1				
Equation: Sta 96+36.00 (BK) = Sta 96+50.10 (AH) -----				
Begin Region 2				
Point STANDREWS10 N 804,920.8758 E 1,964,973.8321 Sta 96+50.10				
Course from STANDREWS10 to PC ST.ANDREWS-4 N 47° 58' 10.26" E Dist 215.1287				

STANDREWSPURD				Curve Data				Curve Data				Curve Data				FED. RD. DIV. NO.	STATE	COUNTY	FILE NO.	ROAD/ROUTE NO.	SHEET NO.		
																3	S.C.	LEXINGTON/RICHLAND	P027662	I26/I20/I25	5WVW		
Beginning chain STANDREWSPURD description																							
Point STANDREWSPURD1 N 804,265.8562 E 1,964,740.3385 Sta 0+01.03																							
Course from STANDREWSPURD1 to PC STANDREWSPURD-1 N 34° 08' 24.26" E Dist 54.0225																							
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"																							
Tangent = 68.9195																							
Length = 134.8837																							
Radius = 266.4920																							
External = 8.7677																							
Long Chord = 133.4485																							
Mid. Ord. = 8.4884																							
P.C. Station 0+55.05 N 804,310.5688 E 1,964,770.6569																							
P.T. Station 1+89.94 N 804,398.7499 E 1,964,870.8198																							
C.C. N 804,161.0087 E 1,964,991.2238																							
Back = N 34° 08' 24.26" E																							
Ahead = N 63° 08' 24.26" E																							
Chord Bear = N 48° 38' 24.26" E																							
Curve Data																							
Curve STANDREWSPURD-2																							
P.I. Station 2+21.21 N 804,412.8782 E 1,964,898.7165																							
Delta = 23° 26' 00.00" (RT)																							
Degree = 38° 00' 00.33"																							
Tangent = 31.2704																							
Length = 61.6665																							
Radius = 150.7780																							
External = 3.2085																							
Long Chord = 61.2376																							
Mid. Ord. = 3.1416																							
P.C. Station 1+89.94 N 804,398.7499 E 1,964,870.8198																							
P.T. Station 2+51.60 N 804,414.7472 E 1,964,929.9310																							
C.C. N 804,264.2388 E 1,964,938.9429																							
Back = N 63° 08' 24.26" E																							
Ahead = N 86° 34' 24.26" E																							
Chord Bear = N 74° 51' 24.26" E																							
Course from PT STANDREWSPURD-2 to STANDREWSPURD2 N 86° 34' 24.26" E Dist 65.3000																							
Point STANDREWSPURD2 N 804,418.6502 E 1,964,995.1142 Sta 3+16.90																							
Ending chain STANDREWSPURD description																							
BURNING_TREE																							
Beginning chain BURNING_TREE description																							
Point BURNINGTREE1 N 799,751.5113 E 1,969,343.4469 Sta 236+31.13																							
Course from BURNINGTREE1 to PC BURNING_TREE-1 S 89° 06' 41.40" W Dist 621.5910																							
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"																							
Tangent = 261.9794																							
Length = 491.4361																							
Radius = 572.9600																							
External = 57.0530																							
Long Chord = 476.5100																							
Mid. Ord. = 51.8864																							
P.C. Station 242+52.72 N 799,741.8725 E 1,968,721.9307																							
P.T. Station 247+44.16 N 799,933.2767 E 1,968,285.5522																							
C.C. N 800,314.7636 E 1,968,713.0460																							
Back = S 89° 06' 41.40" W																							
Ahead = N 41° 44' 42.30" W																							
Chord Bear = N 66° 19' 00.45" W																							
Course from PT BURNING_TREE-1 to PC BURNING_TREE-2 N 41° 44' 42.30" W Dist 891.6788																							
Curve Data																							
Curve BURNING_TREE-2																							
P.I. Station 260+84.39 N 800,933.2464 E 1,967,393.1993																							
Delta = 57° 26' 49.13" (RT)																							
Degree = 7° 00' 00.03"																							
Tangent = 448.5574																							
Length = 820.6700																							
Radius = 818.5100																							
External = 114.8508																							
Long Chord = 786.7241																							
Mid. Ord. = 100.7183																							
P.C. Station 256+35.84 N 800,598.5712 E 1,967,691.8567																							
P.T. Station 264+56.51 N 801,365.0649 E 1,967,514.5934																							
C.C. N 801,143.5496 E 1,968,302.5589																							
Back = N 41° 44' 42.30" W																							
Ahead = N 15° 42' 06.82" E																							
Chord Bear = N 13° 01' 17.74" W																							
Course from PT BURNING_TREE-2 to PC BURNING_TREE-3 N 15° 42' 06.82" E Dist 212.9000																							
Curve Data																							
Curve BURNING_TREE-3																							
P.I. Station 275+64.60 N 802,431.8040 E 1,967,814.4783																							
Delta = 99° 02' 46.44" (LT)																							
Degree = 7° 30' 00.13"																							
Tangent = 895.1899																							
Length = 1,320.6100																							
Radius = 763.9400																							
External = 412.9072																							
Long Chord = 1,162.2093																							
Mid. Ord. = 268.0351																							
P.C. Station 266+69.41 N 801,570.0200 E 1,967,572.2110																							
P.T. Station 279+90.02 N 802,535.5584 E 1,966,925.3214																							
C.C. N 801,776.7669 E 1,966,836.7791																							
Back = N 15° 42' 06.82" E																							
Ahead = N 83° 20' 39.62" W																							
Chord Bear = N 33° 49' 16.40" W																							
Course from PT BURNING_TREE-3 to PC BURNING_TREE-4 N 83° 20' 39.62" W Dist 484.1300																							
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"																							
Tangent = 286.8358																							
Length = 551.7800																							
Radius = 818.5100																							
External = 48.8039																							
Long Chord = 541.3911																							
Mid. Ord. = 46.0577																							
P.C. Station 284+74.15 N 802,591.6701 E 1,966,444.4541																							
P.T. Station 290+25.93 N 802,828.7284 E 1,965,957.7225																							
C.C. N 803,404.6639 E 1,966,539.3212																							
Back = N 83° 20' 39.62" W																							
Ahead = N 44° 43' 10.86" W																							
Chord Bear = N 64° 01' 55.24" W																							
Course from PT BURNING_TREE-4 to PC BURNING_TREE-5 N 44° 43' 10.86" W Dist 948.7908																							
Curve Data																							
Curve BURNING_TREE-5																							
P.I. Station 303+30.45 N 803,755.6672 E 1,965,039.8097																							
Delta = 40° 51' 46.40" (RT)																							
Degree = 5° 59' 59.99"																							
Tangent = 355.7320																							
Length = 681.0484																							
Radius = 954.9300																							
External = 64.1071																							
Long Chord = 666.7061																							
Mid. Ord. = 60.0741																							
P.C. Station 299+74.72 N 803,502.8991 E 1,965,290.1165																							
P.T. Station 306+55.76 N 804,110.5935 E 1,965,015.8821																							
C.C. N 804,174.8249 E 1,965,968.6494																							
Back = N 44° 43' 10.86" W																							
Ahead = N 3° 51' 24.46" W																							
Chord Bear = N 24° 17' 17.66" W																							
Equation: Sta 306+55.76 (BK) = Sta 297+74.76 (AH)																							
Begin Region 2																							
Point BURNINGTREE100 N 804,110.5935 E 1,965,015.8821 Sta 297+74.76																							
Course from BURNINGTREE100 to PC BURNING_TREE-6 N 3° 51' 24.46" W Dist 355.4438																							
Curve Data																							
Curve BURNING_TREE-6																							
P.I. Station 303+24.34 N 804,658.9305 E 1,964,978.9156																							
Delta = 32° 08' 01.20" (LT)																							
Degree = 8° 29' 59.91"																							
Tangent = 194.1378																							
Length = 378.0445																							
Radius = 674.0700																							
External = 27.3998																							
Long Chord = 373.1094																							
Mid. Ord. = 26.3295																							
P.C. Station 301+30.20 N 804,465.2324 E 1,964,991.9739																							
P.T. Station 305+08.24 N 804,816.0103 E 1,964,864.8303																							
C.C. N 804,419.8924 E 1,964,319.4304																							
Back = N 3° 51' 24.46" W																							
Ahead = N 35° 59' 25.75" W																							
Chord Bear = N 19° 55' 25.11" W																							
Course from PT BURNING_TREE-6 to BURNINGTREE2 N 35° 59' 25.75" W Dist 12.8419																							
Point BURNINGTREE2 N 804,826.4008 E 1,964,857.2838 Sta 305+21.09																							
Ending chain BURNING_TREE description																							
FAIRWAY																							
Beginning chain FAIRWAY description																							
Point FAIRWAY1 N 802,746.4592 E 1,965,384.9697 Sta 10+00.00																							
Course from FAIRWAY1 to FAIRWAY2 S 67° 23' 37.38" W Dist 606.8700																							
Point FAIRWAY2 N 802,513.1805 E 1,964,824.7267 Sta 16+06.87																							
Course from FAIRWAY2 to FAIRWAY3 S 78° 25' 01.38" W Dist 200.0000																							
Point FAIRWAY3 N 802,473.0232 E 1,964,628.7997 Sta 18+06.87																							
Ending chain FAIRWAY description																							
BERRYHILL																							
Beginning chain BERRYHILL description																							
Point BERRYHILL1 N 800,064.0846 E 1,962,731.9412 Sta 244+50.93																							
Course from BERRYHILL1 to BERRYHILL2 N 26° 14' 24.38" E Dist 100.0000																							
Point BERRYHILL2 N 800,153.7796 E 1,962,776.1546 Sta 245+50.93																							
Course from BERRYHILL2 to PC BERRYHILL-1 N 89° 14' 24.38" E Dist 159.3000																							
Curve Data																							
Curve BERRYHILL-1																							
P.I. Station 248+93.78 N 800,158.3266 E 1,963,118.9761																							
Delta = 32° 10' 00.80" (LT)																							
Degree = 8° 59' 59.99"																							
Tangent = 183.5517																							
Length = 357.4100																							
Radius = 636.6200																							
External = 25.9328																							
Long Chord = 352.7346																							
Mid. Ord. = 24.9178																							
P.C. Station 247+10.23 N 800,155.8922 E 1,962,935.4406																							
P.T. Station 250+67.64 N 800,258.0992 E 1,963,273.0431																							
C.C. N 800,792.4562 E 1,962,926.9975																							
Back = N 89° 14' 24.38" E																							
Ahead = N 57° 04' 23.58" E																							
Chord Bear = N 73° 09' 23.58" E																							
Course from PT BERRYHILL-1 to PC BERRYHILL-2 N 57° 04' 23.58" E Dist 460.0000																							
Curve Data																							
Curve BERRYHILL-2																							
P.I. Station 257+65.63 N 800,637.5035 E 1,963,858.9122																							
Delta = 4° 49' 00.07" (LT)																							
Degree = 1° 00' 45.17"																							
Tangent = 237.9902																							
Length = 475.7000																							
Radius = 5,658.5800																							
External = 5.0025																							
Long Chord = 475.5599																							
Mid. Ord. = 4.9981																							
P.C. Station 255+27.64 N 800,508.1399 E 1,963,659.1514																							
P.T. Station 260+03.34 N 800,783.1838 E 1,964,047.1052																							
C.C. N 805,257.7588 E 1,960,583.3347																							
Back = N 57° 04' 23.58" E																							
Ahead = N 52° 15' 23.51" E																							
Chord Bear = N 54° 39' 53.54" E																							
Curve BERRYHILL-3																							
P.I. Station 263+43.85 N 800,991.6173 E 1,964,316.3642																							
Delta = 9° 52' 01.37" (RT)																							
Degree = 1° 27' 08.88"																							
Tangent = 340.5070																							
Length = 679.3300																							
Radius = 3,944.7200																							
External = 14.6690																							
Long Chord = 678.4909																							
Mid. Ord. = 14.6146																							
P.C. Station 260+03.34 N 800,783.1838 E 1,964,047.1052																							
P.T. Station 266+82.67 N 801,150.8268 E 1,964,617.3581																							
C.C. N 797,663.8596 E 1,966,461.7754																							
Back = N 52° 15' 23.51" E																							
Ahead = N 62° 07' 24.88" E																							
Chord Bear = N 57° 11' 24.19" E																							
Course from PT BERRYHILL-3 to PC BERRYHILL-4 N 62° 07' 24.88" E Dist 554.9000																							
Curve Data																							
Curve BERRYHILL-4																							
P.I. Station 275+08.10 N 801,536.7713 E 1,965,347.0062																							
Delta = 31° 38' 05.96" (LT)																							
Degree = 5° 59' 59.99"																							
Tangent = 270.5329																							
Length = 527.2500																							
Radius = 954.9300																							
External = 37.5816																							
Long Chord = 520.5782																							
Mid. Ord. = 36.1586																							
P.C. Station 272+37.57 N 801,410.2792 E 1,965,107.8665																							
P.T. Station 277+64.82 N 801,769.8976 E 1,965,484.2656																							
C.C. N 802,254.3974 E 1,964,661.3736																							
Back = N 62° 07' 24.88" E																							
Ahead = N 30° 29' 18.92" E																							
Chord Bear = N 46° 18' 21.90" E																							
Curve Data																							
Curve BERRYHILL-5																							
P.I. Station 279+65.27 N 801,942.6325 E 1,965,585.9679																							
Delta = 34° 57' 18.32" (LT)																							
Degree = 8° 59' 59.99"																							
Tangent = 200.4512																							
Length = 388.3900																							
Radius = 636.6200																							
External = 30.8122																							
Long Chord = 382.3947																							
Mid. Ord. = 29.3897																							
P.C. Station 277+64.82 N 801,769.8976 E 1,965,484.2656																							
P.T. Station 281+53.21 N 802,142.4750 E 1,965,570.3575																							
C.C. N 802,092.8975 E 1,964,935.6709																							
Back = N 30° 29' 18.92" E																							
Ahead = N 4° 27' 53.39" W																							
Chord Bear = N 13° 00' 39.76" E																							
Curve Data																							
Curve BERRYHILL-6																							
P.I. Station 283+99.11 N 802,387.6233 E 1,965,551.2082																							
Delta = 19° 57' 10.95" (LT)																							
Degree = 4° 05' 55.44"																							
Tangent = 245.8951																							
Length = 486.8100																							
Radius = 1,397.8900																							
External = 21.4623																							
Long Chord = 484.3538																							
Mid. Ord. = 21.1377																							
P.C. Station 281+53.21 N 802,142.4750 E 1,965,570.3575																							
P.T. Station 286+40.02 N 802,611.5213 E 1,965,449.5514																							
C.C. N 802,033.6127 E 1,964,176.7129																							
Back = N 4° 27' 53.39" W																							
Ahead = N 24° 25' 10.35" W																							
Chord Bear = N 14° 26' 34.87" W																							
Curve Data																							
Curve BERRYHILL-7																							
P.I. Station 290+89.57 N 803,020.8597 E 1,965,263.6990																							
Delta = 13° 47' 46.97" (LT)																							
Degree = 1° 32' 30.87"																							
Tangent = 449.5542																							
Length = 894.7600																							
Radius = 3,715.9000																							
External = 27.0950																							
Long Chord = 892.5999																							
Mid. Ord. = 26.8989																							
P.C. Station 286+40.02 N 802,611.5213 E 1,965,449.5514																							
P.T. Station 295+34.78 N 803,374.0677 E 1,964,985.5927																							
C.C. N 801,075.3126 E 1,962,066.0657																							
Back = N 24° 25' 10.35" W																							
Ahead = N 38° 12' 57.32" W																							
Chord Bear = N 31° 19' 03.83" W																							
Course from PT BERRYHILL-7 to PC BERRYHILL-8 N 38° 12' 57.32" W Dist 810.4000																							
Curve Data																							
Curve BERRYHILL-8																							
P.I. Station 304+33.66 N 804,080.3042 E 1,964,429.5215																							
Delta = 6° 19' 42.28" (LT)																							
Degree = 3° 34' 47.36"																							
Tangent = 88.4800																							
Length = 176.7800																							
Radius = 1,600.5200																							
External = 2.4438																							
Long Chord = 176.6902																							
Mid. Ord. = 2.4401																							
P.C. Station 303+45.18 N 804,010.7868 E 1,964,484.2576																							
P.T. Station 305+21.96 N 804,143.3646 E 1,964,367.4563																							
C.C. N 803,020.6624 E 1,963,226.7530																							
Back = N 38° 12' 57.32" W																							
Ahead = N 44° 32' 39.60" W																							
Chord Bear = N 41° 22' 48.46" W																							
Curve ZIMALCREST																							
Beginning chain ZIMALCREST description																							
Point ZIMALCREST1 N 799,674.8406 E 1,967,251.0794 Sta 9+89.76																							
Course from ZIMALCREST1 to PC ZIMALCREST-1 N 1° 53' 43.80" W Dist 676.9832																							
Curve Data																							
Curve ZIMALCREST-1																							
P.I. Station 21+90.03 N 800,874.4496 E 1,967,211.3786																							
Delta = 87° 36' 00.00" (LT)																							
Degree = 10° 30' 00.01"																							
Tangent = 523.2826																							
Length = 834.2856																							
Radius = 545.6740																							
External = 210.3582																							
Long Chord = 755.3691																							
Mid. Ord. = 151.8282																							
P.C. Station 16+66.74 N 800,351.4534 E 1,967,228.6870																							
P.T. Station 25+01.03 N 800,879.0571 E 1,966,688.1163																							
C.C. N 800,333.4043 E 1,966,683.3116																							
Back = N 1° 53' 43.80" W																							
Ahead = N 89° 29' 43.80" W																							
Chord Bear = N 45° 41' 43.80" W																							
Course from PT ZIMALCREST-1 to ZIMALCREST2 N 89° 29' 43.80" W Dist 143.4900																							
Point ZIMALCREST2 N 800,880.3206 E 1,966,544.6319 Sta 26+44.52																							
Ending chain ZIMALCREST description																							
TRACT(S)				ISSUED FOR				DATE				TRACT(S)				ISSUED FOR				DATE			
N/A				SHEET RELEASED				09/30/2019															
N/A				ZIMALCREST AND BURNING_TREE UPDATED				12/06/2019															
N/A				STANDREWSPURD ADDED; BURNING TREE AND BERRYHILL UPDATED				01/13/2020															
PLANS PREPARED BY												PLANS PREPARED FOR											
 												 South Carolina Department of Transportation											
																							
</																							

FED. RD. DIV. NO.	STATE	COUNTY	FILE NO.	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON/RICHLAND	P027662	I26+20+125	5XX

BSHRIVERRAMPB

Beginning chain BSHRIVERRAMPB description

Curve Data
Curve BSHRIVERRAMPB-1
P.I. Station 11485.84 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' 59.45"
Tangent = 169.6370
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 799,406.6958 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

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. = 8.3607
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

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' 08.51" 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
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

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 31° 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




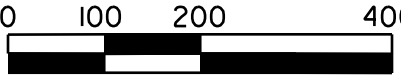
Ending chain I26WB_I20EB description

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





TRACT(S)	ISSUED FOR	DATE	TRACT(S)	ISSUED FOR	DATE	PLANS PREPARED BY	PLANS PREPARED FOR	CAROLINA CROSSROADS
NA	SHEET RELEASED	09/30/2019				 	 South Carolina Department of Transportation	REFERENCE DATA SHEET
NA	UPDATED BUSH_RIVER2 and BSHRIVERRAMPB	12/06/2019						EXISTING ALIGNMENTS
NA	UPDATED BSHRIVERDW1	12/06/2019						
								

MORNINGHILL1			LINE79			Curve Data			LAWAND																										
Beginning chain MORNINGHILL1 description									Beginning chain LINE79 description									Curve Data									Beginning chain LAWAND description								
Curve Data									Curve Data									Curve Data									Curve Data								
Curve MORNINGHILL1-1									Curve LINE79-1									Curve I26EB_CONN-4									Curve LAWAND-1								
P.I. Station 11+31.01 N 798,251.7252 E 1,969,610.7289									P.I. Station 12+71.89 N 799,361.3450 E 1,968,415.9715									P.I. Station 280+85.33 N 796,055.9734 E 1,968,185.6010									P.I. Station 10+44.70 N 796,941.0169 E 1,970,819.5842								
Delta = 18° 26' 36.73" (RT)									Delta = 36° 45' 00.20" (RT)									Delta = 0° 45' 43.29" (LT)									Delta = 48° 10' 04.91" (LT)								
Degree = 7° 06' 01.36"									Degree = 7° 00' 00.03"									Degree = 0° 15' 00.00"									Degree = 57° 17' 44.81"								
Tangent = 131.0104									Tangent = 271.8859									Tangent = 152.4072									Tangent = 44.6987								
Length = 259.7543									Length = 525.0001									Length = 304.8100									Length = 84.0691								
Radius = 806.9400									Radius = 818.5100									Radius = 22,918.3100									Radius = 100.0000								
External = 10.5659									External = 43.9751									External = 0.5068									External = 9.5353								
Long Chord = 258.6343									Long Chord = 516.0467									Long Chord = 304.8078									Long Chord = 81.6152								
Mid. Ord. = 10.4293									Mid. Ord. = 41.7330									Mid. Ord. = 0.5067									Mid. Ord. = 8.7052								
P.C. Station 10+00.00 N 798,142.1752 E 1,969,682.5795									P.C. Station 10+00.00 N 799,564.2021 E 1,968,234.9442									P.C. Station 279+32.93 N 796,197.4414 E 1,968,242.3001									P.C. Station 10+00.00 N 796,902.5146 E 1,970,842.2898								
P.T. Station 12+59.75 N 798,378.3797 E 1,969,577.2272									P.T. Station 15+25.00 N 799,090.4918 E 1,968,439.6457									P.T. Station 282+37.74 N 795,913.7639 E 1,968,130.7885									P.T. Station 10+84.07 N 796,949.7780 E 1,970,775.7525								
C.C. N 798,584.7289 E 1,970,357.3375									C.C. N 799,019.2209 E 1,967,624.2445									C.C. N 787,671.2985 E 1,989,515.6125									C.C. N 796,851.7176 E 1,970,756.1523								
Back = N 33° 15' 34.86" W									Back = S 41° 44' 43.27" E									Back = S 21° 50' 25.61" W									Back = N 30° 31' 43.23" W								
Ahead = N 14° 48' 58.14" W									Ahead = S 4° 59' 43.06" E									Ahead = S 21° 04' 42.32" W									Ahead = N 78° 41' 48.14" W								
Chord Bear = N 24° 02' 16.50" W									Chord Bear = S 23° 22' 13.17" E									Chord Bear = S 21° 27' 33.96" W									Chord Bear = N 54° 36' 45.68" W								
Course from PT MORNINGHILL1-1 to PC MORNINGHILL1-2 N 14° 48' 58.14" W Dist 79.8088									Course from PT LINE79-1 to PC LINE79-2 S 4° 59' 43.06" E Dist 317.0400									Course from PT I26EB_CONN-4 to PC I26EB_CONN-5 S 21° 04' 42.32" W Dist 2,214.5700									Course from PT LAWAND-1 to PC LAWAND-2 N 78° 41' 48.14" W Dist 74.5897								
Curve Data									Curve Data									Curve Data									Curve Data								
Curve MORNINGHILL1-2									Curve LINE79-2									Curve I26EB_CONN-5									Curve LAWAND-2								
P.I. Station 14+51.31 N 798,563.5631 E 1,969,528.2437									P.I. Station 21+15.42 N 798,502.3136 E 1,968,491.0560									P.I. Station 308+10.77 N 793,512.8892 E 1,967,205.4067									P.I. Station 12+12.03 N 796,974.8583 E 1,970,650.2753								
Delta = 11° 08' 20.73" (RT)									Delta = 13° 36' 17.13" (LT)									Delta = 1° 47' 31.92" (RT)									Delta = 47° 57' 13.86" (RT)								
Degree = 4° 59' 59.93"									Degree = 2° 30' 00.00"									Degree = 0° 15' 00.00"									Degree = 47° 44' 47.34"								
Tangent = 111.7435									Tangent = 273.3807									Tangent = 358.4692									Tangent = 53.3695								
Length = 222.7827									Length = 544.1900									Length = 716.8800									Length = 100.4343								
Radius = 1,145.9200									Radius = 2,291.8300									Radius = 22,918.3100									Radius = 120.0000								
External = 5.4354									External = 16.2475									External = 2.8033									External = 11.3328								
Long Chord = 222.4320									Long Chord = 542.9125									Long Chord = 716.8508									Long Chord = 97.5285								
Mid. Ord. = 5.4097									Mid. Ord. = 16.1331									Mid. Ord. = 2.8029									Mid. Ord. = 10.3549								
P.C. Station 13+39.56 N 798,455.5349 E 1,969,556.8186									P.C. Station 18+42.04 N 798,774.6559 E 1,968,467.2516									P.C. Station 304+52.31 N 793,847.3729 E 1,967,334.3285									P.C. Station 11+58.66 N 796,964.3977 E 1,970,702.6096								
P.T. Station 15+62.35 N 798,675.0766 E 1,969,521.0773									P.T. Station 23+86.23 N 798,243.2121 E 1,968,578.2535									P.T. Station 311+69.19 N 793,182.6011 E 1,967,066.0870									P.T. Station 12+59.09 N 797,020.7278 E 1,970,622.9935								
C.C. N 798,748.5676 E 1,970,664.6383									C.C. N 798,974.2146 E 1,970,750.3769									C.C. N 802,089.8383 E 1,945,949.5045									C.C. N 797,082.0701 E 1,970,726.1299								
Back = N 14° 48' 58.14" W									Back = S 4° 59' 43.06" E									Back = S 21° 04' 42.32" W									Back = N 78° 41' 48.14" W								
Ahead = N 3° 40' 37.40" W									Ahead = S 18° 36' 00.19" E									Ahead = S 22° 52' 14.24" W									Ahead = N 30° 44' 34.28" W								
Chord Bear = N 9° 14' 47.77" W									Chord Bear = S 11° 47' 51.63" E									Chord Bear = S 21° 58' 28.28" W									Chord Bear = N 43° 00' 08.19" W								
Course from PT MORNINGHILL1-2 to PC MORNINGHILL1-3 N 3° 40' 37.40" W Dist 245.7629									Course from PT LINE79-2 to LINE79001 S 18° 36' 00.19" E Dist 374.1700									Course from PT I26EB_CONN-5 to PC I26EB_CONN-6 S 21° 04' 42.32" W Dist 2,214.5700									Course from PT LAWAND-2 to PC LAWAND-3 N 30° 44' 34.28" W Dist 376.7568								
Curve Data									Curve Data									Curve Data									Curve Data								
Curve MORNINGHILL1-3									Curve LINE79-3									Curve I26EB_CONN-6									Curve LAWAND-3								
P.I. Station 18+48.53 N 798,960.6765 E 1,969,502.7233									P.I. Station 246+90.21 N 799,317.3829 E 1,968,530.9272									P.I. Station 16+14.66 N 797,814.7965 E 1,969,101.3029									P.I. Station 16+98.10 N 797,398.0413 E 1,970,398.5793								
Delta = 56° 39' 02.44" (LT)									Delta = 26° 02' 25.71" (RT)									Delta = 86° 00' 16.09" (RT)									Delta = 24° 31' 07.81" (LT)								
Degree = 76° 23' 39.74"									Degree = 4° 00' 00.05"									Degree = 18° 59' 59.26"									Degree = 19° 59' 59.72"								
Tangent = 40.4261									Tangent = 331.2262									Tangent = 281.2312									Tangent = 62.2502								
Length = 74.1556									Length = 651.0099									Length = 452.6600									Length = 122.5947								
Radius = 75.0000									Radius = 1,432.3900									Radius = 301.5600									Radius = 286.4800								
External = 10.2014									External = 37.7977									External = 110.7863									External = 6.6853								
Long Chord = 71.1716									Long Chord = 645.4212									Long Chord = 411.3441									Long Chord = 121.6614								
Mid. Ord. = 8.9799									Mid. Ord. = 36.8260									Mid. Ord. = 81.0210									Mid. Ord. = 6.5328								
P.C. Station 18+08.11 N 798,920.3336 E 1,969,505.3159									P.C. Station 243+58.98 N 799,564.5153 E 1,968,310.3906									P.C. Station 13+33.43 N 797,563.7731 E 1,968,974.5028									P.C. Station 16+35.85 N 797,344.5391 E 1,970,430.4007								
P.T. Station 18+82.26 N 798,980.6890 E 1,969,467.5981									P.T. Station 250+99.99 N 798,998.5214 E 1,968,620.5833									P.T. Station 17+86.09 N 797,705.7956 E 1,969,360.5514									P.T. Station 17+58.44 N 797,433.5133 E 1,970,347.4243								
C.C. N 798,915.5237 E 1,969,430.4703									C.C. N 798,610.8033 E 1,967,241.6649									C.C. N 797,427.8073 E 1,969,243.6714									C.C. N 797,198.0945 E 1,970,184.1797								
Back = N 3° 40' 37.40" W									Back = S 41° 44' 42.58" E									Back = N 26° 47' 59.38" E									Back = N 30° 44' 34.28" W								
Ahead = N 60° 19' 39.85" W									Ahead = S 15° 42' 16.87" E									Ahead = S 67° 11' 44.54" E									Ahead = N 55° 15' 42.10" W								
Chord Bear = N 32° 00' 08.63" W									Chord Bear = S 28° 43' 29.73" E									Chord Bear = N 69° 48' 07.42" E									Chord Bear = N 43° 00' 08.19" W								
Course from PT MORNINGHILL1-3 to PC MORNINGHILL1-4 N 32° 00' 08.63" W Dist 245.7629									Course from PT LINE79-3 to LINE79001 S 18° 36' 00.19" E Dist 374.1700									Course from PT I26EB_CONN-6 to PC I26EB_CONN-7 S 21° 04' 42.32" W Dist 2,214.5700									Course from PT LAWAND-3 to PC LAWAND-4 N 55° 15' 42.10" W Dist 174.5142								
Curve Data									Curve Data									Curve Data									Curve Data								
Curve MORNINGHILL1-4									Curve I26EB_CONN-7									Curve I26RAMPCI126-1									Curve LAWAND-4								
P.I. Station 19+10.50 N 798,994.6661 E 1,969,443.0661									P.I. Station 254+98.66 N 798,528.0907 E 1,968,752.8569									P.I. Station 22+88.30 N 797,511.1477 E 1,969,823.5033									P.I. Station 19+87.08 N 797,563.7961 E 1,970,159.5406								
Delta = 41° 15' 09.44" (RT)									Delta = 9° 44' 59.45" (RT)									Delta = 29° 27' 55.40" (RT)									Delta = 35° 19' 06.36" (RT)								
Degree = 76° 22' 56.40"									Degree = 0° 59' 59.99"									Degree = 3° 00' 00.00"									Degree = 33° 42' 12.24"								
Tangent = 28.2344									Tangent = 488.6731									Tangent = 502.2074									Tangent = 54.1206								
Length = 54.0081									Length = 974.9867									Length = 982.1800									Length = 104.7919								
Radius = 75.0118									Radius = 5,729.5902									Radius = 1,909.8600									Radius = 170.0000								
External = 5.1378									External = 20.8015									External = 64.9254									External = 8.4070								
Long Chord = 52.8490									Long Chord = 20.8015									Long Chord = 971.3924									Long Chord = 103.1407								
Mid. Ord. = 4.8084									Mid. Ord. = 20.7263									Mid. Ord. = 62.7909									Mid. Ord. = 8.0108								
P.C. Station 18+82.26 N 798,980.6890 E 1,969,467.5981									P.C. Station 250+09.99 N 798,998.5214 E 1,968,620.5833									P.C. Station 17+86.09 N 797,705.7956 E 1,969,360.5514									P.C. Station 19+32.96 N 797,532.9566 E 1,970,204.0149								
P.T. Station 19+36.27 N 799,021.3502 E 1,969,433.8389									P.T. Station 259+84.98 N 798,042.0545 E 1,968,803.5541									P.T. Station 27+68.27 N 797,113.9519 E 1,970,130.8269									P.T. Station 20+37.75 N 797,614.6711 E 1,970,141.0806								
C.C. N 799,045.8646 E 1,969,504.7319									C.C. N 797,447.6407 E 1,963,104.8809									C.C. N 795,945.2215 E 1,968,620.3189									C.C. N 797,672.6563 E 1,970,300.8859								
Back = N 60° 19' 39.85" W									Back = S 15° 42' 16.87" E									Back = S 67° 11' 44.54" E									Back = N 55° 15' 42.10" W								
Ahead = N 19° 04' 30.41" W									Ahead = S 5° 57' 17.42" E									Ahead = S 37° 43' 49.14" E									Ahead = N 19° 56' 35.74" W								
Chord Bear = N 39° 42' 05.13" W									Chord Bear = S 10° 49' 47.15" E									Chord Bear = S 52° 27' 46.84" E									Chord Bear = N 37° 36' 08.92" W								
Course from PT MORNINGHILL1-4 to PC MORNINGHILL1-5 N 39° 42' 05.13" W Dist 245.7629									Course from PT LINE79-4 to LINE79001 S 18° 36' 00.19" E Dist 374.1700									Course from PT I26EB_CONN-7 to PC I26EB_CONN-8 S 21° 04' 42.32" W Dist 2,214.5700									Course from PT LAWAND-4 to PC LAWAND-5 N 55° 15' 42.10" W Dist 174.5142								
Curve Data									Curve Data									Curve Data									Curve Data								
Curve MORNINGHILL1-5									Curve I26EB_CONN-8									Curve I26RAMPCI126-2									Curve LAWAND-5								
P.I. Station 21+09.04 N 797,681.6844 E 1,970,116.7649									P.I. Station 263+39.39 N 797,689.5496 E 1,968,840.3230									P.I. Station 37+85.74 N 796,309.2329 E 1,970,753.4649									P.I. Station 21+09.04 N 797,681.6844 E 1,970,116.7649								
Delta = 19° 57' 23.40" (RT)									Delta = 27° 47' 43.03" (RT)									Delta = 5° 05' 02.49" (LT)									Delta = 19° 57' 23.40" (RT)								
Degree = 14° 08' 24.96"									Degree = 4° 00' 00.08"									Degree = 0° 15' 00.00"									Degree = 14° 08' 24.96"								
Tangent = 71.2884									Tangent = 354.4173									Tangent = 1,017.4727									Tangent = 54.1206								
Length = 141.1324									Length = 694.8783									Length = 2,033.6100									Length = 104.7919								
Radius = 405.1959									Radius = 1,432.3865									Radius = 22,918.3100									Radius = 170.0000								
External = 6.2233									External = 43.1957									External = 2.5523									External = 8.4070								
Long Chord = 140.4201									Long Chord = 688.0844									Long Chord = 2,032.9429									Long Chord = 103.1407								
Mid. Ord. = 6.1292									Mid. Ord. = 41.9312									Mid. Ord. = 22.5523									Mid. Ord. = 8.0108								
P.C. Station 20+37.75 N 797,614.6711 E 1,970,141.0806									P.C. Station 259+84.98 N 798,042.0545 E 1,968,803.5541									P.C. Station 27+68.27 N 797,113.9519 E 1,970,130.8269									P.C. Station 19+32.96 N 797,532.9566 E 1,970,204.0149								
P.T. Station 21+78.88 N 797,752.9728 E 1,970,116.7814									P.T. Station 266+79.85 N 797,360.5712 E 1,968,708.4715									P.T. Station 48+01.88 N 795,562.8559 E 1,971,444.9647									P.T. Station 20+37.75 N 797,614.6711 E 1,970,141.0806								
C.C. N 797,752.8791 E 1,970,521.9773									C.C. N 797,893.4522 E 1,967,378.8968									C.C. N 811,138.7107 E 1,988,256.9151									C.C. N 797,672.6563 E 1,970,300.8859								
Back = N 19° 56' 35.74" W									Back = S 5° 57' 17.42" E									Back = S 37° 43' 49.14" E									Back = N 55° 15' 42.10" W								
Ahead = N 0° 00' 47.66" E									Ahead = S 21° 50' 25.61" W									Ahead = S 42° 48' 51.63" E									Ahead = N 19° 56' 35.74" W								
Chord Bear = N 9° 57' 54.04" W									Chord Bear = S 7° 56' 33.09" W									Chord Bear = S 40° 16' 20.38" E									Chord Bear = N 37° 36' 08.92" W								
Course from PT LAWAND-5 to LAWAND002 N 2° 50' 46.91" W Dist 326.1855									Course from PT I26EB_CONN-8 to PC I26EB_CONN-9 S 21° 50' 25.61" W Dist 1,253.0709									Course from PT I26RAMPCI126-2 to PC I26RAMPCI126-3 S 21° 04' 42.32" W Dist 2,214.5700									Course from PT LAWAND-5 to LAWAND002 N 2° 50' 46.91" W Dist 326.1855								
Point LAWAND002 N 798,078.7558 E 1,970,100.5837 Sta 25+05.07									Point LINE79001 N 798,626.5313 E 1,968,472.9310 Sta 50+43.37									Point EXRAMPCI126001 N 797,266.1578 E 1,968,824.1676 Sta 10+00.00									Point LAWAND002 N 798,078.7558 E 1,970,100.5837 Sta 25+05.07								
Ending chain LAWAND description									Ending chain LINE79 description									Ending chain I26_RAMPC_I-126 description									Ending chain LAWAND description								

TRACT(S)	ISSUED FOR	DATE	TRACT(S)	ISSUED FOR	DATE	PLANS PREPARED BY	PLANS PREPARED FOR	CAROLINA CROSSROADS
N/A	SHEET RELEASED	09-30-2019				HR	SCDOT	REFERENCE DATA SHEET
						STV		EXISTING ALIGNMENTS

EXRAILROAD				COLONIALLIFE1				FED. RD. NO.	STATE	COUNTY	FILE NO.	ROAD/ROUTE NO.	SHEET NO.
								3	S.C.	LEXINGTON/RICHLAND	P027662	1251-201-125	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													
Delta = 42° 25' 52.00" (RT)													
Degree = 3° 00' 00.00"													
Tangent = 741.3825													
Length = 1,414.3709													
Radius = 1,909.8600													
External = 138.8501													
Long Chord = 1,382.2714													
Mid. Ord. = 129.4396													
P.C. Station 114+82.89 N 792,190.3088 E 1,977,446.9724													
P.T. Station 128+97.26 N 792,696.1795 E 1,976,160.5941													
C.C. N 794,100.1504 E 1,977,455.3648													
Back = N 89° 44' 53.62" W													
Ahead = N 47° 19' 01.62" W													
Chord Bear = N 68° 31' 57.62" W													
Course from PT EXRAILROAD-1 to PC EXRAILROAD-2 N 47° 19' 01.62" W Dist 185.4727													
Curve Data													
Curve EXRAILROAD-2													
P.I. Station 131+32.73 N 792,855.8160 E 1,975,987.4940													
Delta = 1° 30' 00.25" (LT)													
Degree = 1° 30' 00.54"													
Tangent = 50.0002													
Length = 99.9946													
Radius = 3,819.3373													
External = 0.3273													
Long Chord = 99.9918													
Mid. Ord. = 0.3272													
P.C. Station 130+82.73 N 792,821.9189 E 1,976,024.2499													
P.T. Station 131+82.73 N 792,888.7393 E 1,975,949.8632													
C.C. N 790,014.2584 E 1,973,434.9681													
Back = N 47° 19' 01.62" W													
Ahead = N 48° 49' 01.87" W													
Chord Bear = N 48° 04' 01.75" W													
Curve Data													
Curve EXRAILROAD-3													
P.I. Station 135+22.82 N 793,112.6806 E 1,975,693.9022													
Delta = 13° 31' 59.59" (LT)													
Degree = 1° 59' 56.10"													
Tangent = 340.0967													
Length = 677.0281													
Radius = 2,866.3429													
External = 20.1060													
Long Chord = 675.4553													
Mid. Ord. = 19.9660													
P.C. Station 131+82.73 N 792,888.7393 E 1,975,949.8632													
P.T. Station 138+59.76 N 793,270.5069 E 1,975,392.6438													
C.C. N 790,731.4939 E 1,974,062.4804													
Back = N 48° 49' 01.87" W													
Ahead = N 62° 21' 01.47" W													
Chord Bear = N 55° 35' 01.67" W													
Curve Data													
Curve EXRAILROAD-4													
P.I. Station 139+34.58 N 793,305.2316 E 1,975,326.3613													
Delta = 2° 00' 00.42" (LT)													
Degree = 1° 20' 11.82"													
Tangent = 74.8276													
Length = 149.6401													
Radius = 4,286.6237													
External = 0.6530													
Long Chord = 149.6325													
Mid. Ord. = 0.6529													
P.C. Station 138+59.76 N 793,270.5069 E 1,975,392.6438													
P.T. Station 140+09.40 N 793,337.6218 E 1,975,258.9073													
C.C. N 789,473.4060 E 1,973,403.3807													
Back = N 62° 21' 01.47" W													
Ahead = N 64° 21' 01.88" W													
Chord Bear = N 63° 21' 01.67" W													
Course from PT EXRAILROAD-4 to PC EXRAILROAD-5 N 63° 51' 01.94" W Dist 1,158.2802													
Curve Data													
Curve EXRAILROAD-5													
P.I. Station 152+27.65 N 793,874.5245 E 1,974,165.3433													
Delta = 0° 18' 00.07" (LT)													
Degree = 0° 15' 00.43"													
Tangent = 59.9754													
Length = 119.9506													
Radius = 22,907.3415													
External = 0.0785													
Long Chord = 119.9504													
Mid. Ord. = 0.0785													
P.C. Station 151+67.68 N 793,848.0924 E 1,974,219.1800													
P.T. Station 152+87.63 N 793,900.6743 E 1,974,111.3689													
C.C. N 773,285.3893 E 1,964,123.5604													
Back = N 63° 51' 01.66" W													
Ahead = N 64° 09' 01.73" W													
Chord Bear = N 64° 00' 01.69" W													
Curve Data													
Curve EXRAILROAD-6													
P.I. Station 156+21.77 N 794,046.3644 E 1,973,810.6580													
Delta = 5° 30' 26.81" (LT)													
Degree = 0° 49' 29.09"													
Tangent = 334.1446													
Length = 667.7746													
Radius = 6,947.0793													
External = 8.0313													
Long Chord = 667.5176													
Mid. Ord. = 8.0220													
P.C. Station 152+87.63 N 793,900.6743 E 1,974,111.3689													
P.T. Station 159+55.40 N 794,162.5212 E 1,973,497.3526													
C.C. N 787,648.7040 E 1,971,082.3793													
Back = N 64° 09' 01.73" W													
Ahead = N 69° 39' 28.54" W													
Chord Bear = N 66° 54' 15.13" W													
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													
Mid. Ord. = 0.0785													
P.C. Station 159+55.40 N 794,162.5212 E 1,973,497.3526													
P.T. Station 160+75.35 N 794,203.9245 E 1,973,384.7735													
C.C. N 772,685.5284 E 1,965,534.8381													
Back = N 69° 39' 28.54" W													
Ahead = N 69° 57' 28.70" W													
Chord Bear = N 69° 48' 28.62" W													
Course from PT EXRAILROAD-7 to PC EXRAILROAD-8 N 69° 57' 28.70" W Dist 901.4440													
Curve Data													
Curve EXRAILROAD-8													
P.I. Station 170+76.80 N 794,547.1291 E 1,972,443.9742													
Delta = 1° 20' 00.04" (RT)													
Degree = 0° 40' 00.10"													
Tangent = 100.0013													
Length = 199.9937													
Radius = 8,594.0189													
External = 0.5818													
Long Chord = 199.9892													
Mid. Ord. = 0.5818													
P.C. Station 169+76.80 N 794,512.8577 E 1,972,537.9196													
P.T. Station 171+76.79 N 794,583.5773 E 1,972,350.8517													
C.C. N 802,586.4357 E 1,975,483.1701													
Back = N 69° 57' 28.70" W													
Ahead = N 68° 37' 28.66" W													
Chord Bear = N 69° 17' 28.68" W													
Curve Data													
Curve EXRAILROAD-9													
P.I. Station 181+41.00 N 794,945.4309 E 1,971,457.1204													
Delta = 37° 12' 12.66" (RT)													
Degree = 2° 00' 00.00"													
Tangent = 964.2063													
Length = 1,860.1766													
Radius = 2,864.7900													
External = 157.9100													
Long Chord = 1,827.6696													
Mid. Ord. = 149.6606													
P.C. Station 171+76.79 N 794,583.5773 E 1,972,350.8517													
P.T. Station 190+36.97 N 795,774.0376 E 1,970,964.0639													
C.C. N 797,238.9765 E 1,973,425.9688													
Back = N 67° 57' 28.71" W													
Ahead = N 30° 45' 16.05" W													
Chord Bear = N 49° 21' 22.38" W													
Curve Data													
Curve EXRAILROAD-10													
P.I. Station 191+36.99 N 795,859.9929 E 1,970,912.9168													
Delta = 2° 40' 00.21" (RT)													
Degree = 1° 19' 59.93"													
Tangent = 100.0217													
Length = 200.0073													
Radius = 4,297.2459													
External = 1.1639													
Long Chord = 199.9892													
Mid. Ord. = 1.1636													
P.C. Station 190+36.97 N 795,774.0376 E 1,970,964.0639													
P.T. Station 192+36.97 N 795,948.2348 E 1,970,865.8243													
C.C. N 797,971.4770 E 1,974,656.9736													
Back = N 30° 45' 16.05" W													
Ahead = N 28° 05' 15.84" W													
Chord Bear = N 29° 25' 15.94" W													
Course from PT EXRAILROAD-10 to PC EXRAILROAD-11 N 29° 03' 56.40" W Dist 1,258.9229													
Curve Data													
Curve EXRAILROAD-11													
P.I. Station 213+12.60 N 797,733.9083 E 1,969,809.9632													
Delta = 46° 18' 17.48" (LT)													
Degree = 2° 59' 59.88"													
Tangent = 816.6992													
Length = 1,543.5119													
Radius = 1,909.8800													
External = 167.2910													
Long Chord = 1,501.8480													
Mid. Ord. = 153.8177													
P.C. Station 204+95.90 N 797,048.6133 E 1,970,254.2248													
P.T. Station 220+39.41 N 797,886.1120 E 1,969,007.5720													
C.C. N 796,009.6918 E 1,968,651.6382													
Back = N 32° 57' 16.02" W													
Ahead = N 79° 15' 33.50" W													
Chord Bear = N 56° 06' 24.76" W													
Course from PT EXRAILROAD-11 to EXRAILROAD2 N 79° 15' 33.50" W Dist 718.9506													
Point EXRAILROAD2 N 798,020.0989 E 1,968,301.2170 Sta 227+58.36													
Ending chain EXRAILROAD description													
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"													
Tangent = 292.6301													
Length = 573.0000													
Radius = 1,145.2500													
External = 36.7948													
Long Chord = 567.0421													
Mid. Ord. = 35.6495													
P.C. Station 206+27.80 N 796,504.6952 E 1,971,746.0798													
P.T. Station 212+00.80 N 797,064.0319 E 1,971,839.2416													
C.C. N 796,966.6645 E 1,970,698.1381													
Back = N 23° 47' 22.42" E													
Ahead = N 4° 52' 37.52" W													
Chord Bear = N 9° 27' 22.45" E													
Course from PT COLONIALLIFE1-1 to COLONIALLIFE12 N 4° 52' 37.52" W Dist 195.3000													
Point COLONIALLIFE12 N 797,258.6248 E 1,971,822.6375 Sta 213+96.10													
Ending chain COLONIALLIFE1 description													
COLONIALLIFE2													
Beginning chain COLONIALLIFE2 description													
Point COLONIALLIFE21 N 796,504.6952 E 1,971,746.0798 Sta 206+27.80													
Course from COLONIALLIFE21 to PC COLONIALLIFE2-1 N 23° 47' 22.42" E Dist 29.2000													
Curve Data													
Curve COLONIALLIFE2-1													
P.I. Station 209+49.99 N 796,799.5142 E 1,971,876.0464													
Delta = 28° 41' 00.20" (LT)													
Degree = 4° 59' 58.99"													
Tangent = 292.9949													
Length = 573.7000													
Radius = 1,145.9800													
External = 36.8624													
Long Chord = 567.7279													
Mid. Ord. = 35.7136													
P.C. Station 206+57.00 N 796,531.4141 E 1,971,757.8585													
P.T. Station 212+30.70 N 797,091.4410 E 1,971,851.0511													
C.C. N 796,993.6779 E 1,970,709.2488													
Back = N 23° 47' 22.42" E													
Ahead = N 4° 53' 37.77" W													
Chord Bear = N 9° 26' 52.32" E													
Course from PT COLONIALLIFE2-1 to COLONIALLIFE22 N 4° 53' 37.77" W Dist 169.7000													
Point COLONIALLIFE22 N 797,260.5223 E 1,971,836.5741 Sta 214+00.40													
Ending chain COLONIALLIFE2 description													
COLONIALLIFE3													
Beginning chain COLONIALLIFE3 description													
Point COLONIALLIFE31 N 796,213.5701 E 1,972,138.6766 Sta 0+00.00													
Course from COLONIALLIFE31 to PC COLONIALLIFE3-1 N 42° 46' 06.74" W Dist 299.7000													
Curve Data													
Curve COLONIALLIFE3-1													
P.I. Station 3+69.34 N 796,484.7045 E 1,971,887.8798													
Delta = 29° 56' 00.32" (LT)													
Degree = 21° 59' 37.31"													
Tangent = 69.6412													
Length = 138.1000													
Radius = 260.5100													
External = 9.1479													
Long Chord = 134.5575													
Mid. Ord. = 8.8375													
P.C. Station 2+99.70 N 796,433.5807 E 1,971,935.1689													
P.T. Station 4+35.80 N 796,505.4118 E 1,971,821.3883													
C.C. N 796,256.6844 E 1,971,743.9277													
Back = N 42° 46' 06.74" W													
Ahead = N 72° 42' 07.06" W													
Chord Bear = N 57° 44' 06.90" W													
Course from PT COLONIALLIFE3-1 to COLONIALLIFE32 N 72° 42' 07.06" W Dist 69.3000													
Point COLONIALLIFE32 N 796,526.0176 E 1,971,755.2227 Sta 5+05.10													
Ending chain COLONIALLIFE3 description													
COLONIALRAMPA													
Beginning chain COLONIALRAMPA description													
Point COLRAMPA100 N 793,901.3745 E 1,974,299.5662 Sta 162+00.00													
Course from COLRAMPA100 to PC COLONIALRAMPA-1 N 65° 02' 54.62" W Dist 2,781.5100													
Curve Data													
Curve COLONIALRAMPA-1													
P.I. Station 196+05.35 N 795,337.9238 E 1,971,212.0548													
Delta = 88° 50' 17.05" (RT)													
Degree = 8° 59' 59.99"													
Tangent = 623.8388													
Length = 987.0900													
Radius = 636.6200													
External = 254.7048													
Long Chord = 891.1415													
Mid. Ord. = 181.9204													
P.C. Station 189+81.51 N 795,074.7568 E 1,971,777.6678													
P.T. Station 199+68.60 N 795,908.7570 E 1,971,463.6980													
C.C. N 795,651.9581 E 1,972,046.2265													
Back = N 65° 02' 54.62" W													
Ahead = N 23° 47' 22.42" E													
Chord Bear = N 20° 37' 46.10" W													
Course from PT COLONIALRAMPA-1 to COLRAMPA101 N 23° 47' 22.42" E Dist 463.9100													
Point COLRAMPA101 N 796,333.2500 E 1,971,650.8294 Sta 204+32.51													
Ending chain COLONIALRAMPA description													

TRACT(S)	ISSUED FOR	DATE	TRACT(S)	ISSUED FOR	DATE
N/A	SHEET RELEASED	09-30-2019			

PLANS PREPARED BY	PLANS PREPARED FOR
 	 South Carolina Department of Transportation
	0 100 200 400 

CAROLINA CROSSROADS	
REFERENCE DATA SHEET	
EXISTING ALIGNMENTS	

FED. RD. DIV. NO.	STATE	COUNTY	FILE NO.	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON/RICHLAND	P027662	1251+201+25	5AAA

ARROWWOOD

Beginning chain ARROWWOOD description

Point ARROWWOOD1 N 794,600.3400 E 1,973,191.8265 Sta 178+49.30
Course from ARROWWOOD1 to PC ARROWWOOD-1 N 63° 49' 50.05" W Dist 499.2000

Curve Data

Curve ARROWWOOD-1

P.I. Station 184+89.19 N 794,882.5507 E 1,972,617.5255
Delta = 3° 31' 00.00" (RT)
Degree = 1° 15' 00.53"
Tangent = 140.6942
Length = 281.3000
Radius = 4,583.1200
External = 2.1590
Long Chord = 281.2558
Mid. Ord. = 2.1580
P.C. Station 183+48.50 N 794,820.5007 E 1,972,743.7976
P.T. Station 186+29.80 N 794,952.2292 E 1,972,495.2972
C.C. = N 798,933.8225 E 1,974,765.0776
Back = N 63° 49' 50.05" W
Ahead = N 60° 18' 50.05" W
Chord Bear = N 62° 04' 20.05" W
Course from PT ARROWWOOD-1 to PC ARROWWOOD-2 N 60° 18' 50.05" W Dist 10.5000

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. = 52.6928
P.C. Station 186+40.30 N 794,957.4293 E 1,972,486.1753
P.T. Station 195+25.60 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

Curve Data

Curve ARROWWOOD-3

P.I. Station 204+91.11 N 796,346.9814 E 1,971,294.2622
Delta = 51° 14' 02.57" (RT)
Degree = 33° 59' 50.56"
Tangent = 80.8076
Length = 150.7000
Radius = 168.5300
External = 16.3717
Long Chord = 145.7291
Mid. Ord. = 16.5658
P.C. Station 204+10.30 N 796,280.0656 E 1,971,339.5629
P.T. Station 205+61.00 N 796,424.2015 E 1,971,318.0724
C.C. = N 796,374.5435 E 1,971,479.1204
Back = N 34° 05' 50.20" W
Ahead = N 17° 08' 12.37" E
Chord Bear = N 8° 28' 48.91" W
Course from PT ARROWWOOD-3 to ARROWWOOD2 N 17° 08' 12.37" E Dist 139.0000

Point ARROWWOOD2 N 796,557.0304 E 1,971,359.0293 Sta 207+00.00

Ending chain ARROWWOOD description

BUSH_RIVER

Beginning chain BUSH_RIVER description				
Point BUSHRIVER1 N 799,307.4215 E 1,964,463.5262 Sta 94+57.90				
Course from BUSHRIVER1 to PC BUSH_RIVER-1 N 72° 05' 57.93" W Dist 141.3000				
Curve Data				
Curve BUSH_RIVER-1				
P.I. Station	100+18.29 N	799,479.6680 E	1,963,930.2592	
Delta	= 8° 21' 59.98" (RT)			
Degree	= 0° 59' 59.85"			
Tangent	= 419.0950			
Length	= 836.7000			
Radius	= 5,729.8100			
External	= 15.3065			
Long Chord	= 835.9568			
Mid. Ord.	= 15.2657			
P.C. Station	95+99.20 N	799,350.8524 E	1,964,329.0664	
P.T. Station	104+35.90 N	799,665.1420 E	1,963,554.4401	
C.C.	= N 804,803.2898 E 1,966,090.2160			
Back	= N 72° 05' 57.93" W			
Ahead	= N 63° 43' 57.95" W			
Chord Bear	= N 67° 54' 57.94" W			
Course from PT BUSH_RIVER-1 to PC BUSH_RIVER-2 N 63° 43' 57.95" W Dist 1,031.8000				
Curve Data				
Curve BUSH_RIVER-2				
P.I. Station	117+70.47 N	800,255.7672 E	1,962,357.6784	
Delta	= 12° 04' 00.01" (RT)			
Degree	= 2° 00' 00.40"			
Tangent	= 302.7699			
Length	= 603.3000			
Radius	= 2,864.6300			
External	= 15.9558			
Long Chord	= 602.1857			
Mid. Ord.	= 15.8674			
P.C. Station	114+67.70 N	800,121.7738 E	1,962,629.1842	
P.T. Station	120+71.00 N	800,443.5582 E	1,962,120.1828	
C.C.	= N 802,690.6011 E 1,963,896.9504			
Back	= N 63° 43' 57.95" W			
Ahead	= N 51° 39' 57.94" W			
Chord Bear	= N 57° 41' 57.95" W			
Ending chain BUSH_RIVER description				
BSHRIVERRAMPH				
Beginning chain BSHRIVERRAMPH description				
Point BSHRIVERRAMPH1 N 799,514.1863 E 1,963,968.4669 Sta 109+62.70				
Course from BSHRIVERRAMPH1 to PC BSHRIVERRAMPH-1 N 62° 11' 31.25" W Dist 137.2000				
Curve Data				
Curve BSHRIVERRAMPH-1				
P.I. Station	114+95.02 N	799,762.5195 E	1,963,497.6202	
Delta	= 89° 59' 18.92" (RT)			
Degree	= 14° 29' 52.51"			
Tangent	= 395.1213			
Length	= 620.7000			
Radius	= 395.2000			
External	= 163.6416			
Long Chord	= 558.8415			
Mid. Ord.	= 115.7236			
P.C. Station	110+99.90 N	799,578.1915 E	1,963,847.1113	
P.T. Station	117+20.60 N	800,112.0473 E	1,963,681.8786	
C.C.	= N 799,927.7522 E 1,964,031.4760			
Back	= N 62° 11' 31.25" W			
Ahead	= N 27° 47' 47.67" E			
Chord Bear	= N 17° 11' 51.79" W			
Curve Data				
Curve BSHRIVERRAMPH-2				
P.I. Station	118+61.31 N	800,236.5167 E	1,963,747.4943	
Delta	= 16° 45' 59.86" (RT)			
Degree	= 6° 00' 03.39"			
Tangent	= 140.7055			
Length	= 279.4000			
Radius	= 954.7800			
External	= 10.3122			
Long Chord	= 278.4041			
Mid. Ord.	= 10.2020			
P.C. Station	117+20.60 N	800,112.0473 E	1,963,681.8786	
P.T. Station	120+00.00 N	800,336.7661 E	1,963,846.2268	
C.C.	= N 799,666.8012 E 1,964,526.4854			
Back	= N 27° 47' 47.67" E			
Ahead	= N 44° 33' 47.53" E			
Chord Bear	= N 36° 10' 47.60" E			
Ending chain BSHRIVERRAMPH description				
BSHRIVERRAMPF				
Beginning chain BSHRIVERRAMPF description				
Curve Data				
Curve BSHRIVERRAMPF-1				
P.I. Station	102+03.82 N	799,151.5604 E	1,962,489.6726	
Delta	= 12° 10' 59.93" (LT)			
Degree	= 3° 00' 00.28"			
Tangent	= 203.8186			
Length	= 406.1000			
Radius	= 1,909.8100			
External	= 10.8452			
Long Chord	= 405.3354			
Mid. Ord.	= 10.7839			
P.C. Station	100+00.00 N	799,006.2296 E	1,962,346.7707	
P.T. Station	104+06.10 N	799,323.7759 E	1,962,598.6855	
C.C.	= N 800,345.2424 E 1,960,985.0001			
Back	= N 44° 31' 01.98" E			
Ahead	= N 32° 20' 02.05" E			
Chord Bear	= N 38° 25' 32.01" E			
Course from PT BSHRIVERRAMPF-1 to BSHRIVERRAMPF2 N 32° 20' 02.05" E Dist 733.2000				
Point BSHRIVERRAMPF2 N 799,943.2900 E 1,962,990.8393 Sta 111+39.30				
Ending chain BSHRIVERRAMPF description				

BSHRIVERRAMPG

Beginning chain BSHRIVERRAMPG description

Point BSHRIVERRAMPG1 N 798,545.4708 E 1,962,029.9426 Sta 94+50.00

Course from BSHRIVERRAMPG1 to PC BSHRIVERRAMPG-1 N 48° 27' 54.95" E Dist 636.0000

Curve Data

Curve BSHRIVERRAMPG-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 798,967.1859 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 BSHRIVERRAMPG-1 to PC BSHRIVERRAMPG-2 N 88° 04' 55.22" E Dist 250.1000

Curve Data

Curve BSHRIVERRAMPG-2

P.I. Station 112+19.81 N 799,222.6199 E 1,963,580.5193

Delta = 63° 54' 52.26" (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' 26.99" E

Course from PT BSHRIVERRAMPG-2 to BSHRIVERRAMPG2 N 24° 09' 56.96" E Dist 165.8000

Point BSHRIVERRAMPG2 799,577.7251 E 1,963,739.8553 Sta 115+61.70

Ending chain BSHRIVERRAMPG description

ROCKLAND

Beginning chain ROCKLAND description

Point ROCKLAND1 N 799,397.0292 E 1,964,192.0411 Sta 0+00.00

Course from ROCKLAND1 to PC ROCKLAND-1 N 25° 51' 09.66" E Dist 102.0999

Curve Data

Curve ROCKLAND-1

P.I. Station 1+82.15 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. = 10.5555

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

Curve Data

Curve ROCKLAND-2

P.I. Station 5+61.23 N 799,769.1959 E 1,964,592.9829

Delta = 80° 24' 08.10" (LT)

Degree = 65° 01' 39.20"

Tangent = 174.4617

Length = 123.6434

Radius = 88.1100

External = 27.2499

Long Chord = 113.7452

Mid. Ord. = 20.8130

P.C. Station 4+86.77 N 799,728.7155 E 1,964,530.4858

P.T. Station 6+10.41 N 799,837.5674 E 1,964,563.4893

C.C. = N 799,802.6679 E 1,964,482.5857

Back = N 57° 04' 05.61" E

Ahead = N 23° 20' 02.49" W

Chord Bear = N 16° 52' 01.56" E

Course from PT ROCKLAND-2 to PC ROCKLAND-3 N 23° 20' 02.49" W Dist 113.0000

FED. RD. NO.	STATE	COUNTY	FILE NO.	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON/CHLAND	P027662	1251+201+25	5BBB

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

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 = 595.1658
Radius = 5,729.5800
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

BRDRIVERRAMPF

Beginning chain BRDRIVERRAMPF description
=====

Point BRDRIVERRAMPF1 N 802,376.9374 E 1,969,993.3092 Sta 186+35.40
Course from BRDRIVERRAMPF1 to PC BRDRIVERRAMPF-1 N 89° 20' 20.40" E Dist 55.3000
=====

Curve Data

Curve BRDRIVERRAMPF-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' 50.36" E
Course from PT BRDRIVERRAMPF-1 to BRDRIVERRAMPF2 N 54° 21' 20.33" E Dist 258.4000
Point BRDRIVERRAMPF2 N 802,885.8402 E 1,971,349.5251 Sta 201+15.20
=====

Ending chain BRDRIVERRAMPF description

BRDRIVERRAMPG

Beginning chain BRDRIVERRAMPG description
=====

Point BRDRIVERRAMPG1 N 802,269.1913 E 1,970,209.5880 Sta 188+50.00
Course from BRDRIVERRAMPG1 to PC BRDRIVERRAMPG-1 N 87° 15' 30.32" E Dist 1,189.7000
=====

Curve Data

Curve BRDRIVERRAMPG-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 BRDRIVERRAMPG-1 to BRDRIVERRAMPG2 N 74° 29' 30.19" E Dist 166.7000
Point BRDRIVERRAMPG2 N 802,421.1846 E 1,971,873.0660 Sta 205+25.60
=====

Ending chain BRDRIVERRAMPG description

BRDRIVERRAMPH

Beginning chain BRDRIVERRAMPH description
=====

Point BRDRIVERRAMPH1 N 802,421.1846 E 1,971,873.0660 Sta 203+95.20
Course from BRDRIVERRAMPH1 to PC BRDRIVERRAMPH-1 N 42° 14' 35.12" E Dist 340.7000
=====

Curve Data

Curve BRDRIVERRAMPH-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 BRDRIVERRAMPH-1 to BRDRIVERRAMPH2 N 62° 11' 35.10" E Dist 99.1000
Point BRDRIVERRAMPH2 N 803,124.9963 E 1,972,712.6980 Sta 215+00.00
=====

Ending chain BRDRIVERRAMPH description

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 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_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 184+99.95 N 802,331.4982 E 1,971,974.1668
Delta = 3° 32' 00.00" (LT)
Degree = 1° 00' 00.79"
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+51.30 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_RIVER2-2 to PC BROAD_RIVER2-3 N 48° 24' 44.49" W Dist 1,404.5744
=====

Curve Data

Curve BROAD_RIVER2-3
P.I. Station 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_RIVER2-3 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

BRDRIVERRAMPE



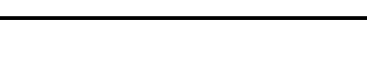

Beginning chain BRDRIVERRAMPE description
=====

Point BRDRIVERRAMPE1 N 802,887.8315 E 1,971,347.2813 Sta 201+48.30
Course from BRDRIVERRAMPE1 to PC BRDRIVERRAMPE-1 N 75° 32' 32.91" E Dist 991.6000
=====

Curve Data

Curve BRDRIVERRAMPE-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 BRDRIVERRAMPE-1 to BRDRIVERRAMPE2 N 67° 30' 32.79" E Dist 91.2000
Point BRDRIVERRAMPE2 N 803,255.0742 E 1,972,645.5349 Sta 214+98.90
=====

Ending chain BRDRIVERRAMPE description

TRACT(S)	ISSUED FOR	DATE	TRACT(S)	ISSUED FOR	DATE	<div>PLANS PREPARED BY</div> <div><div></div><div></div></div>	<div>PLANS PREPARED FOR</div> <div> South Carolina Department of Transportation</div>		CAROLINA CROSSROADS	
N/A		11-01-2019					<div>0100200400</div> <div></div>	REFERENCE DATA SHEET		
N/A	UPDATED BROAD_RIVER2	01-13-2020						EXISTING ALIGNMENTS		
N/A	UPDATED BROAD_RIVER3	01-13-2020								
							1/13/2020 c:\pwworking\tpa\id1221086\688B.dgn			