




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

PLANS PREPARED BY



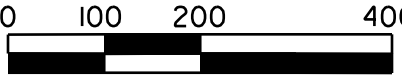
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South Carolina Department of Transportation

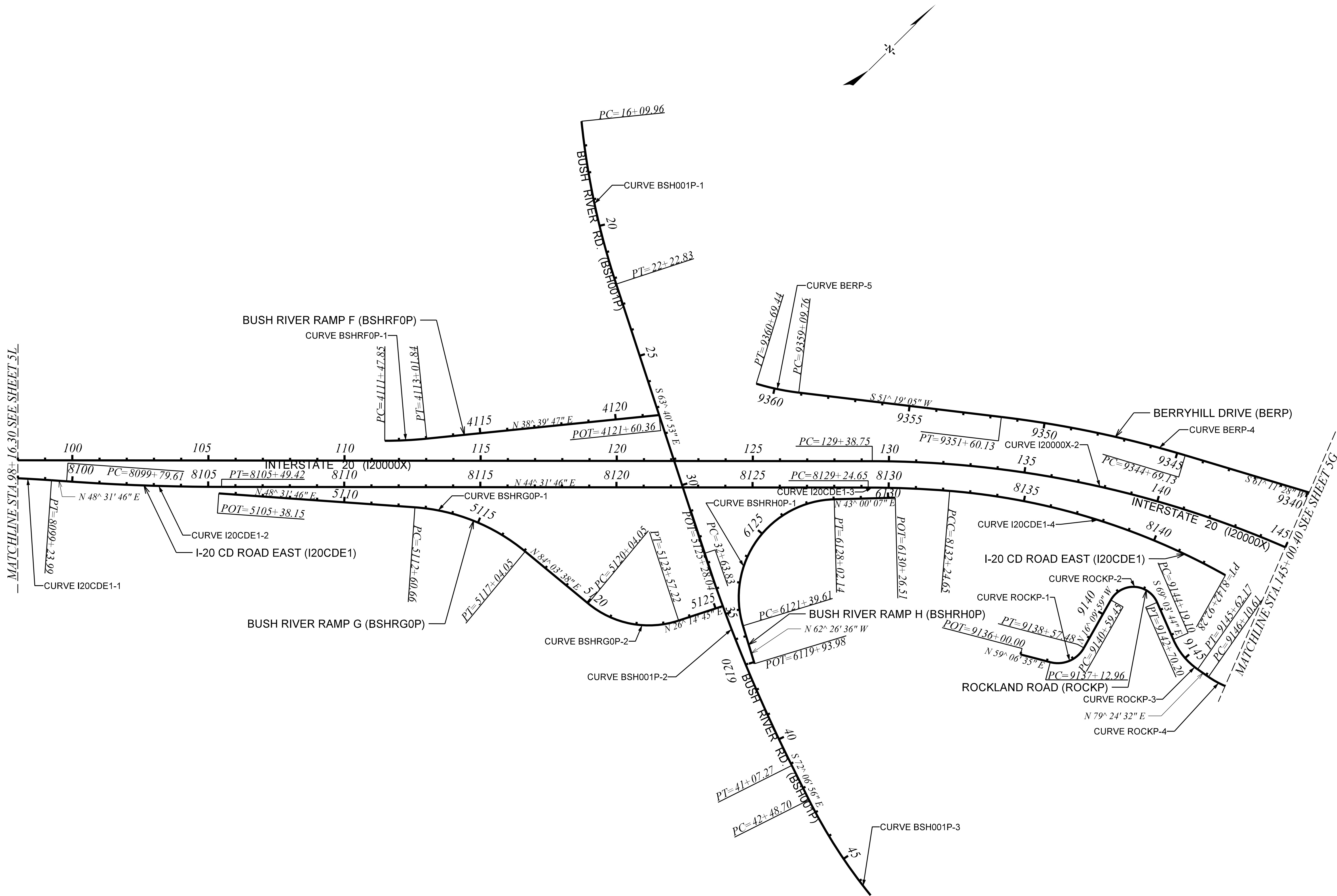
CAROLINA CROSSROADS

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-20/I-25	5M





TRACT(S)	ISSUED FOR	DATE	TRACT(S)	ISSUED FOR	DATE
NA	SHEET RELEASED	12-06-2019			
NA	SHEET RELEASED	01-13-2020			
NA	REVISED BSHRF0P, BSHRG0P, BSHRH0P	12-07-2020			
NA	REVISED BERP, I20CDE1, AND ROCKP	12-07-2020			
NA	REVISED BSH001P, BSHRG0P AND ROCKP	1-20-2021			

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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-I-25	5P

I-26 (I26RA1P)					I-20 (I20000X)				
Beginning chain I26RA1P description					Beginning chain I20000X 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					Course from I20000 to PC I20000X-1 N 63° 59' 47.47" E Dist 1,267.8000				
Curve Data					Curve Data				
-----					*-----*				
Curve I26RA1P-1					Curve I20000X-1				
P.I. Station	32+46.44 N 825,097.1196 E 1,946,444.0075				P.I. Station	32+66.93 N 793,423.7641 E 1,956,932.7939			
Delta	= 1° 54' 26.97" (LT)				Delta	= 19° 28' 01.20" (LT)			
Degree	= 0° 30' 00.00"				Degree	= 1° 00' 00.00"			
Tangent	= 190.7668				Tangent	= 982.8229			
Length	= 381.4983				Length	= 1,946.7000			
Radius	= 11,459.1560				Radius	= 5,729.5780			
External	= 1.5878				External	= 83.6831			
Long Chord	= 381.4807				Long Chord	= 1,937.3500			
Mid. Ord.	= 1.5876				Mid. Ord.	= 82.4785			
P.C. Station	30+55.68 N 825,242.0423 E 1,946,319.9537				P.C. Station	22+84.10 N 792,992.8692 E 1,956,049.4647			
P.T. Station	34+37.17 N 824,956.4063 E 1,946,572.8164				P.T. Station	42+30.80 N 794,124.4080 E 1,957,622.0247			
C.C.	N 832,693.8211 E 1,955,025.3112				C.C.	N 798,142.4272 E 1,953,537.4702			
Back	= S 40° 33' 48.59" E				Back	= N 63° 59' 47.47" E			
Ahead	= S 42° 28' 15.56" E				Ahead	= N 44° 31' 46.27" E			
Chord Bear	= S 41° 31' 02.08" E				Chord Bear	= N 54° 15' 46.87" E			
Course from PT I26RA1P-1 to PC I26RA1P-2 S 42° 28' 15.56" E Dist 5,262.6226					Course from PT I20000X-1 to PC I20000X-2 N 44° 31' 46.27" E Dist 8,269.4621				
Curve Data					Curve Data				
-----					*-----*				
Curve I26RA1P-2					Curve I20000X-2				
P.I. Station	89+91.78 N 820,859.2189 E 1,950,323.3823				P.I. Station	138+55.49 N 800,985.7400 E 1,964,371.5892			
Delta	= 2° 55' 09.26" (RT)				Delta	= 26° 31' 42.64" (RT)			
Degree	= 0° 30' 00.00"				Degree	= 0° 59' 47.84"			
Tangent	= 291.9872				Tangent	= 1,355.2196			
Length	= 583.8480				Length	= 2,661.8438			
Radius	= 11,459.1560				Radius	= 5,749.0000			
External	= 3.7194				External	= 157.5744			
Long Chord	= 583.7849				Long Chord	= 2,638.1307			
Mid. Ord.	= 3.7182				Mid. Ord.	= 153.3707			
P.C. Station	86+99.80 N 821,074.5943 E 1,950,126.2277				P.C. Station	125+00.27 N 800,019.6185 E 1,963,421.2053			
P.T. Station	92+83.64 N 820,634.0822 E 1,950,509.3124				P.T. Station	151+62.11 N 801,425.6583 E 1,965,653.4208			
C.C.	N 813,337.1794 E 1,941,673.7329				C.C.	N 795,987.9790 E 1,967,519.6055			
Back	= S 42° 28' 15.56" E				Back	= N 44° 31' 46.27" E			
Ahead	= S 39° 33' 06.30" E				Ahead	= N 71° 03' 28.91" E			
Chord Bear	= S 41° 00' 40.93" E				Chord Bear	= N 57° 47' 37.59" E			
Course from PT I26RA1P-2 to PC I26RA1P-3 S 39° 33' 06.30" E Dist 11,436.8212					Course from PT I20000X-2 to PC I20000X-3 N 71° 03' 28.91" E Dist 1,916.1591				
Curve Data					Curve Data				
-----					*-----*				
Curve I26RA1P-3					Curve I20000X-3				
P.I. Station	209+78.53 N 811,616.7442 E 1,957,956.3213				P.I. Station	179+16.40 N 802,319.7302 E 1,968,258.5628			
Delta	= 2° 34' 48.71" (LT)				Delta	= 19° 22' 11.42" (RT)			
Degree	= 0° 30' 00.00"				Degree	= 1° 10' 00.00"			
Tangent	= 258.0635				Tangent	= 838.1338			
Length	= 516.0397				Length	= 1,660.2721			
Radius	= 11,459.1560				Radius	= 4,911.0672			
External	= 2.9055				External	= 71.0056			
Long Chord	= 515.9961				Long Chord	= 1,652.3771			
Mid. Ord.	= 2.9047				Mid. Ord.	= 69.9936			
P.C. Station	207+20.47 N 811,815.7240 E 1,957,791.9930				P.C. Station	170+78.27 N 802,047.6633 E 1,967,465.8157			
P.T. Station	212+36.50 N 811,425.3638 E 1,958,129.4407				P.T. Station	187+38.54 N 802,313.4713 E 1,969,096.6732			
C.C.	N 819,112.6268 E 1,966,627.5725				C.C.	N 797,402.5410 E 1,969,059.9989			
Back	= S 39° 33' 06.30" E				Back	= N 71° 03' 28.91" E			
Ahead	= S 42° 07' 55.01" E				Ahead	= S 89° 34' 19.66" E			
Chord Bear	= S 40° 50' 30.66" E				Chord Bear	= N 80° 44' 34.63" E			
Course from PT I26RA1P-3 to PC I26RA1P-4 S 42° 07' 55.01" E Dist 7,755.5125					Course from PT I20000X-3 to PC I20000X-4 S 89° 34' 19.66" E Dist 895.7197				
Curve Data					Curve Data				
-----					*-----*				
Curve I26RA1P-4					Curve I20000X-4				
P.I. Station	293+82.92 N 805,383.9653 E 1,963,594.3852				P.I. Station	205+53.72 N 802,299.9161 E 1,970,911.7987			
Delta	= 3° 54' 27.12" (RT)				Delta	= 27° 04' 07.39" (LT)			
Degree	= 0° 30' 00.00"				Degree	= 1° 30' 00.00"			
Tangent	= 390.9048				Tangent	= 919.4564			
Length	= 781.5065				Length	= 1,804.5814			
Radius	= 11,459.1560				Radius	= 3,819.7187			
External	= 6.6655				External	= 109.1044			
Long Chord	= 781.3551				Long Chord	= 1,787.8457			
Mid. Ord.	= 6.6616				Mid. Ord.	= 106.0745			
P.C. Station	289+92.02 N 805,673.8611 E 1,963,332.1505				P.C. Station	196+34.26 N 802,306.7823 E 1,969,992.3679			
P.T. Station	297+73.52 N 805,076.8732 E 1,963,836.2549				P.T. Station	214+38.84 N 802,712.1971 E 1,971,733.6408			
C.C.	N 797,986.5981 E 1,954,834.0187				C.C.	N 806,126.3945 E 1,970,020.8924			
Back	= S 42° 07' 55.01" E				Back	= S 89° 34' 19.66" E			
Ahead	= S 38° 13' 27.90" E				Ahead	= N 63° 21' 32.94" E			
Chord Bear	= S 40° 10' 41.45" E				Chord Bear	= N 76° 53' 36.64" E			
Course from PT I26RA1P-4 to PC I26RA1P-5 S 38° 13' 27.90" E Dist 4,175.6460					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				

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	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				
Curve Data				

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				

Curve Data				

Curve BERP-3				
P.I. Station	9332+94.79 N	802,008.6151 E	1,966,038.1010	
Delta	= 99° 52' 54.00" (RT)			
Degree	= 6° 39' 44.28"			
Tangent	= 1,022.7613			
Length	= 1,499.2070			
Radius	= 860.0000			
External	= 476.2787			
Long Chord	= 1,316.4540			
Mid. Ord.	= 306.5226			
P.C. Station	9322+72.03 N	802,806.9149 E	1,965,398.7590	
P.T. Station	9337+71.23 N	801,515.7576 E	1,965,141.9246	
C.C.	N 802,269.3173 E	1,964,727.4999		
Back	= S 38° 41' 25.88" E			
Ahead	= S 61° 11' 28.12" W			
Chord Bear	= S 11° 15' 01.12" W			
Course from PT BERP-3 to PC BERP-4 S 61° 11' 28.11" W Dist 697.9018				
Curve Data				

Curve BERP-4				
P.I. Station	9348+15.49 N	801,012.5402 E	1,964,226.9107	
Delta	= 9° 52' 23.43" (LT)			
Degree	= 1° 25' 43.76"			
Tangent	= 346.3579			
Length	= 691.0008			
Radius	= 4,010.0000			
External	= 14.9303			
Long Chord	= 690.1462			
Mid. Ord.	= 14.8749			
P.C. Station	9344+69.13 N	801,179.4463 E	1,964,530.4006	
P.T. Station	9351+60.13 N	800,796.0672 E	1,963,956.5345	
C.C.	N 797,665.7552 E	1,966,462.7760		
Back	= S 61° 11' 28.11" W			
Ahead	= S 51° 19' 04.68" W			
Chord Bear	= S 56° 15' 16.40" W			
Course from PT BERP-4 to PC BERP-5 S 51° 19' 04.68" W Dist 749.6283				
Curve Data				

Curve BERP-5				
P.I. Station	9359+89.81 N	800,277.5195 E	1,963,308.8650	
Delta	= 10° 09' 56.33" (RT)			
Degree	= 6° 21' 58.31"			
Tangent	= 80.0509			
Length	= 159.6816			
Radius	= 900.0000			
External	= 3.5531			
Long Chord	= 159.4723			
Mid. Ord.	= 3.5391			
P.C. Station	9359+09.76 N	800,327.5511 E	1,963,371.3548	
P.T. Station	9360+69.44 N	800,239.3023 E	1,963,238.5258	
C.C.	N 801,030.1149 E	1,962,808.8567		
Back	= S 51° 19' 04.68" W			
Ahead	= S 61° 29' 01.02" W			
Chord Bear	= S 56° 24' 02.85" W			
=====				
Ending chain BERP description				
I-26 CD WEST (I26CDW1)				
Beginning chain I26CDW1 description				
=====				
Point CDWI26023 N	803,506.43 E	1,965,211.91 Sta	7318+58.43	
Course from CDWI26023 to PC I26CDW1-1 S 38° 13' 27.90" E Dist 767.77				
Curve Data				

Curve I26CDW1-1				
P.I. Station	7330+50.63 N	802,569.85 E	1,965,949.57	
Delta	= 45° 59' 43.37" (LT)			
Degree	= 5° 43' 46.48"			
Tangent	= 424.43			
Length	= 802.77			
Radius	= 1,000.00			
External	= 86.34			
Long Chord	= 781.39			
Mid. Ord.	= 79.48			
P.C. Station	7326+26.20 N	802,903.27 E	1,965,686.96	
P.T. Station	7334+28.97 N	802,527.10 E	1,966,371.84	
C.C.	N 803,522.02 E	1,966,472.55		
Back	= S 38° 13' 27.90" E			
Ahead	= S 84° 13' 11.26" E			
Chord Bear	= S 61° 13' 19.58" E			
Course from PT I26CDW1-1 to PC I26CDW1-2 S 84° 13' 11.26" E Dist 413.30				

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

126 CD EAST (126CDE)				
Beginning chain 126CDE description				
=====				
Curve Data				

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

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

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

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

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

Curve Data				

Curve 126CDE-6				
P.I. Station	8396+73.53 N	797,466.56 E	1,970,048.15	
Delta	= 15° 08' 11.60" (RT)			
Degree	= 2° 51' 53.24"			
Tangent	= 265.73			
Length	= 528.37			
Radius	= 2,000.00			
External	= 17.58			
Long Chord	= 526.83			
Mid. Ord.	= 17.42			
P.C. Station	8394+07.80 N	797,631.86 E	1,969,840.09	
P.T. Station	8399+36.17 N	797,252.67 E	1,970,205.84	
C.C.	N	796,065.90 E	1,968,596.00	
Back	= S 51° 32' 03.16" E			
Ahead	= S 36° 23' 51.56" E			
Chord Bear	= S 43° 57' 57.36" E			
=====				
Ending chain 126CDE description				
BUSH RIVER RD. (BSH001P)				
Beginning chain BSH001P description				
=====				
Curve Data				

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

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

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

Curve Data				

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

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

Curve BSH001P-6				
P.I. Station	93+83.61 N	799,287.03 E	1,969,499.71	
Delta	= 12° 58' 59.22" (LT)			
Degree	= 2° 23' 14.37"			
Tangent	= 273.09			
Length	= 543.84			
Radius	= 2,400.00			
External	= 15.49			
Long Chord	= 542.67			
Mid. Ord.	= 15.39			
P.C. Station	91+10.52 N	799,336.97 E	1,969,231.23	
P.T. Station	96+54.36 N	799,298.68 E	1,969,772.55	
C.C.	N	801,696.49 E	1,969,670.16	
Back	= S 79° 27' 43.30" E			
Ahead	= N 87° 33' 17.48" E			
Chord Bear	= S 85° 57' 12.91" E			
Course from PT BSH001P-6 to BSHP001001 N 87° 33' 17.48" E Dist 435.29				
Point BSHP001001	N	799,317.25 E	1,970,207.44 Sta	100+89.65
=====				
Ending chain BSH001P description				
LAWAND DRIVE (LAWAND001P)				
Beginning chain LAWAND001P description				
=====				
Point LAWANDP001	N	797,689.3451 E	1,970,098.2163 Sta	10+00.00
Course from LAWANDP001 to PC LAWAND001P-1 N 25° 14' 57.43" E Dist 31.6768				
Curve Data				

Curve LAWAND001P-1				
P.I. Station	10+55.14 N	797,739.2192 E	1,970,121.7377	
Delta	= 26° 24' 42.10" (LT)			
Degree	= 57° 17' 44.81"			
Tangent	= 23.4656			
Length	= 46.0971			
Radius	= 100.0000			
External	= 2.7163			
Long Chord	= 45.6900			
Mid. Ord.	= 2.6444			
P.C. Station	10+31.68 N	797,717.9955 E	1,970,111.7283	
P.T. Station	10+77.77 N	797,762.6799 E	1,970,121.2617	
C.C.	N	797,760.6513 E	1,970,021.2823	
Back	= N 25° 14' 57.43" E			
Ahead	= N 1° 09' 44.66" W			
Chord Bear	= N 12° 02' 36.38" E			
Course from PT LAWAND001P-1 to LAWANDP002 N 1° 09' 44.66" W Dist 11.9191				
Point LAWANDP002	N	797,876.4501 E	1,970,118.9532 Sta	11+91.14
=====				
Ending chain LAWAND001P 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	5Y

I-20 CD ROAD EAST (I20CDE1)				
Beginning chain I20CDE1 description				
=====				
Curve Data				

Curve I20CDE1-1				
P.I. Station	8097+48.69 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+73.25 N	797,901.8247 E	1,961,423.4766	
P.T. Station	8099+23.99 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+64.63 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+79.61 N	798,179.9098 E	1,961,719.6409	
P.T. Station	8105+49.42 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 2,375.2273				
Curve Data				

Curve I20CDE1-3				
P.I. Station	8130+74.73 N	800,372.1173 E	1,963,904.0281	
Delta	= 4° 37' 02.11" (RT)			
Degree	= 1° 32' 20.70"			
Tangent	= 150.0812			
Length	= 300.0000			
Radius	= 3,722.7190			
External	= 3.0240			
Long Chord	= 299.9188			
Mid. Ord.	= 3.0216			
P.C. Station	8129+24.65 N	800,265.1260 E	1,963,798.7796	
P.T. Station	8132+24.65 N	800,470.2889 E	1,964,017.5477	
C.C.	N 797,654.4701 E	1,966,452.6659		
Back	= N 44° 31' 46.27" E			
Ahead	= N 49° 08' 48.38" E			
Chord Bear	= N 46° 50' 17.33" E			
Curve Data				

Curve I20CDE1-4				
P.I. Station	8137+66.85 N	800,824.9571 E	1,964,427.6638	
Delta	= 24° 38' 45.00" (RT)			
Degree	= 2° 18' 30.43"			
Tangent	= 542.2036			
Length	= 1,067.6347			
Radius	= 2,482.0000			
External	= 58.5332			
Long Chord	= 1,059.4227			
Mid. Ord.	= 57.1846			
P.C. Station	8132+24.65 N	800,470.2889 E	1,964,017.5477	
P.T. Station	8142+92.28 N	800,976.2942 E	1,964,948.3189	
C.C.	N 798,592.9346 E	1,965,641.0824		
Back	= N 49° 08' 48.38" E			
Ahead	= N 73° 47' 33.38" E			
Chord Bear	= N 61° 28' 10.88" E			
=====				
Ending chain I20CDE1 description				

BUSH RIVER RAMP F (BSHRF0P)				
Beginning chain BSHRF0P description				
=====				
Curve Data				

Curve BSHRF0P-1				
P.I. Station	4112+24.91 N	799,173.2503 E	1,962,486.2238	
Delta	= 5° 51' 59.46" (LT)			
Degree	= 3° 48' 34.42"			
Tangent	= 77.0646			
Length	= 153.9946			
Radius	= 1,504.0000			
External	= 1.9731			
Long Chord	= 153.9273			
Mid. Ord.	= 1.9705			
P.C. Station	4111+47.85 N	799,118.3118 E	1,962,432.1802	
P.T. Station	4113+01.84 N	799,233.4250 E	1,962,534.3691	
C.C.	N 800,173.0318 E	1,961,359.9948		
Back	= N 44° 31' 46.27" E			
Ahead	= N 38° 39' 46.82" E			
Chord Bear	= N 41° 35' 46.54" E			
Course from PT BSHRF0P-1 to BSHRF02 N 38° 39' 46.82" E Dist 858.5163				
Point BSHRF02	N 799,903.7837 E	1,963,070.7174 Sta	4121+60.36	
=====				
Ending chain BSHRF0P description				



BUSH RIVER RAMP G (BSHRG0P)				
Beginning chain BSHRG0P description				
=====				
Point BSHRG001 N 798,547.6136 E 1,962,142.9105 Sta 5105+38.15				
Course from BSHRG001 to PC BSHRG0P-1 N 48° 31' 46.27" E Dist 722.5100				
Curve Data				

Curve BSHRG0P-1				
P.I. Station	5114+89.74 N	799,177.7929 E	1,962,855.9385	
Delta	= 35° 31' 51.33" (RT)			
Degree	= 8° 00' 48.22"			
Tangent	= 229.0860			
Length	= 443.3941			
Radius	= 715.0000			
External	= 35.8032			
Long Chord	= 436.3235			
Mid. Ord.	= 34.0959			
P.C. Station	5112+60.66 N	799,026.0844 E	1,962,684.2851	
P.T. Station	5117+04.05 N	799,201.4986 E	1,963,083.7948	
C.C.	N 798,490.3370 E	1,963,157.7824		
Back	= N 48° 31' 46.27" E			
Ahead	= N 84° 03' 37.60" E			
Chord Bear	= N 66° 17' 41.93" E			
Course from PT BSHRG0P-1 to PC BSHRG0P-2 N 84° 03' 37.60" E Dist 300.0000				
Curve Data				

Curve BSHRG0P-2				
P.I. Station	5121+97.32 N	799,252.5417 E	1,963,574.4153	
Delta	= 57° 48' 52.60" (LT)			
Degree	= 16° 22' 12.80"			
Tangent	= 193.2686			
Length	= 353.1694			
Radius	= 350.0000			
External	= 49.8159			
Long Chord	= 338.3758			
Mid. Ord.	= 43.6090			
P.C. Station	5120+04.05 N	799,232.5424 E	1,963,382.1842	
P.T. Station	5123+57.22 N	799,425.8852 E	1,963,659.8832	
C.C.	N 799,580.6634 E	1,963,345.9665		
Back	= N 84° 03' 37.60" E			
Ahead	= N 26° 14' 44.99" E			
Chord Bear	= N 55° 09' 11.29" E			
Course from PT BSHRG0P-2 to BSHRG002 N 26° 14' 44.99" E Dist 170.8143				
Point BSHRG002	N 799,579.0894 E	1,963,735.4213 Sta	5125+28.04	
=====				
Ending chain BSHRG0P description				

BUSH RIVER RAMP H (BSHRH0P)				
Beginning chain BSHRH0P description				
=====				
Point BSHRH01 N 799,513.8458 E 1,963,968.1183 Sta 6119+93.98				
Course from BSHRH01 to PC BSHRH0P-1 N 62° 26' 35.59" W Dist 145.6271				
Curve Data				

Curve BSHRH0P-1				
P.I. Station	6126+12.57 N	799,800.0186 E	1,963,419.7130	
Delta	= 105° 26' 42.75" (RT)			
Degree	= 15° 54' 55.78"			
Tangent	= 472.9545			
Length	= 662.5318			
Radius	= 360.0000			
External	= 234.3786			
Long Chord	= 572.9130			
Mid. Ord.	= 141.9572			
P.C. Station	6121+39.61 N	799,581.2168 E	1,963,839.0121	
P.T. Station	6128+02.14 N	800,145.9044 E	1,963,742.2792	
C.C.	N 799,900.3759 E	1,964,005.5580		
Back	= N 62° 26' 35.59" W			
Ahead	= N 43° 00' 07.16" E			
Chord Bear	= N 9° 43' 14.21" W			
Course from PT BSHRH0P-1 to BSHRH02 N 43° 00' 07.16" E Dist 224.3692				
Point BSHRH02	N 800,309.9923 E	1,963,895.3044 Sta	6130+26.51	
=====				
Ending chain BSHRH0P description				

TRACT(S)		ISSUED FOR	DATE	TRACT(S)		ISSUED FOR	DATE	PLANS PREPARED BY	<div>PLANS PREPARED FOR</div> <div> South Carolina Department of Transportation</div>	CAROLINA CROSSROADS	
N/A		SHEET RELEASED	11-01-2019							REFERENCE DATA SHEET	
N/A		REVISED BSHRF0P, BSHRG0P, BSHRH0P	12-07-2020							PROPOSED ALIGNMENTS	
N/A		REVISED I20CDE1	12-07-2020								
N/A		REVISED BSHRG0P	1-20-2021								
								<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-261-201-125	5Z

ROCKLAND ROAD (ROCKP)				
Beginning chain ROCKP description				
=====				
Point ROCKP001 N 800,235.0196 E 1,964,628.4013 Sta 9136+00.00				
Course from ROCKP001 to PC ROCKP-1 N 59° 06' 35.30" E Dist 112.9602				
Curve Data				

Curve ROCKP-1				
P.I. Station 9137+97.79 N 800,336.5631 E 1,964,798.1340				
Delta = 75° 16' 34.79" (LT)				
Degree = 52° 05' 13.46"				
Tangent = 84.8282				
Length = 144.5202				
Radius = 110.0000				
External = 28.9094				
Long Chord = 134.3480				
Mid. Ord. = 22.8929				
P.C. Station 9137+12.96 N 800,293.0128 E 1,964,725.3385				
P.T. Station 9138+57.48 N 800,418.0369 E 1,964,774.5153				
C.C. N 800,387.4096 E 1,964,668.8651				
Back = N 59° 06' 35.30" E				
Ahead = N 16° 09' 59.50" W				
Chord Bear = N 21° 28' 17.90" E				
Course from PT ROCKP-1 to PC ROCKP-2 N 16° 09' 59.50" W Dist 201.9721				
Curve Data				

Curve ROCKP-2				
P.I. Station 9142+50.43 N 800,795.4466 E 1,964,665.1067				
Delta = 127° 06' 15.91" (RT)				
Degree = 60° 18' 40.85"				
Tangent = 190.9761				
Length = 210.7471				
Radius = 95.0000				
External = 118.3000				
Long Chord = 170.1147				
Mid. Ord. = 52.6887				
P.C. Station 9140+59.45 N 800,612.0223 E 1,964,718.2802				
P.T. Station 9142+70.20 N 800,727.2001 E 1,964,843.4724				
C.C. N 800,638.4731 E 1,964,809.5236				
Back = N 16° 09' 59.50" W				
Ahead = S 69° 03' 43.59" E				
Chord Bear = N 47° 23' 08.46" E				
Course from PT ROCKP-2 to PC ROCKP-3 S 69° 03' 43.59" E Dist 148.8963				
Curve Data				

Curve ROCKP-3				
P.I. Station 9144+92.49 N 800,647.7617 E 1,965,051.0891				
Delta = 31° 31' 44.84" (LT)				
Degree = 22° 02' 12.62"				
Tangent = 73.3989				
Length = 143.0746				
Radius = 260.0000				
External = 10.1618				
Long Chord = 141.2762				
Mid. Ord. = 9.7796				
P.C. Station 9144+19.10 N 800,673.9912 E 1,964,982.5368				
P.T. Station 9145+62.17 N 800,661.2525 E 1,965,123.2375				
C.C. N 800,916.8230 E 1,965,075.4493				
Back = S 69° 03' 43.59" E				
Ahead = N 79° 24' 31.57" E				
Chord Bear = S 84° 49' 36.01" E				
Course from PT ROCKP-3 to PC ROCKP-4 N 79° 24' 31.57" E Dist 48.4428				
Curve Data				

Curve ROCKP-4				
P.I. Station 9146+80.80 N 800,683.0570 E 1,965,239.8480				
Delta = 24° 22' 24.52" (LT)				
Degree = 17° 37' 46.09"				
Tangent = 70.1887				
Length = 138.2542				
Radius = 325.0000				
External = 7.4928				
Long Chord = 137.2141				
Mid. Ord. = 7.3239				
P.C. Station 9146+10.61 N 800,670.1563 E 1,965,170.8550				
P.T. Station 9147+48.87 N 800,723.2802 E 1,965,297.3680				
C.C. N 800,989.6194 E 1,965,111.1197				
Back = N 79° 24' 31.57" E				
Ahead = N 55° 02' 07.06" E				
Chord Bear = N 67° 13' 19.31" E				
Course from PT ROCKP-4 to PC ROCKP-5 N 55° 02' 07.06" E Dist 119.3260				
Curve Data				

Curve ROCKP-5				
P.I. Station 9150+84.32 N 800,915.5158 E 1,965,572.2691				
Delta = 41° 51' 55.16" (RT)				
Degree = 10° 08' 27.05"				
Tangent = 216.1216				
Length = 412.8386				
Radius = 565.0000				
External = 39.9244				
Long Chord = 403.7156				
Mid. Ord. = 37.2895				
P.C. Station 9148+68.19 N 800,791.6626 E 1,965,395.1563				
P.T. Station 9152+81.03 N 800,889.5493 E 1,965,786.8252				
C.C. N 800,328.6422 E 1,965,718.9418				
Back = N 55° 02' 07.06" E				
Ahead = S 83° 05' 57.78" E				
Chord Bear = N 75° 58' 04.64" E				
Course from PT ROCKP-5 to PC ROCKP-6 S 83° 05' 57.78" E Dist 797.6039				

Curve Data				

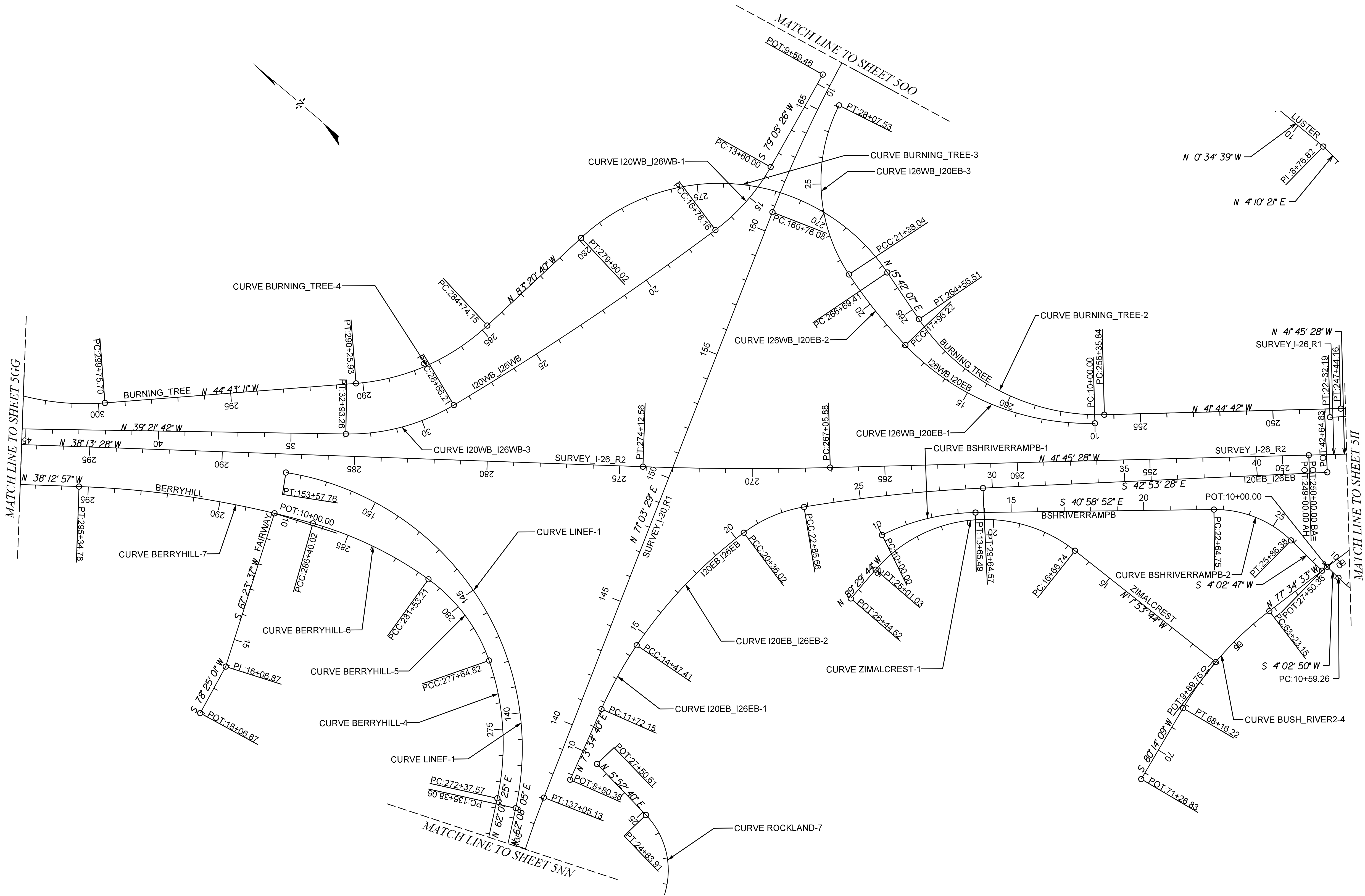
Curve ROCKP-6				
P.I. Station	9167+20.10	N	800,716.6491	E 1,967,215.4667
Delta	=	81° 04' 46.56"	(RT)	
Degree	=	7° 38' 21.97"		
Tangent	=	641.4621		
Length	=	1,061.3295		
Radius	=	750.0000		
External	=	236.9010		
Long Chord	=	974.9641		
Mid. Ord.	=	180.0340		
P.C. Station	9160+78.64	N	800,793.7192	E 1,966,578.6513
P.T. Station	9171+39.97	N	800,075.5856	E 1,967,238.0747
C.C.	N	800,049.1522	E	1,966,488.5407
Back	=	S 83° 05' 57.78"	E	
Ahead	=	S 2° 01' 11.23"	E	
Chord Bear	=	S 42° 33' 34.50"	E	
Course from PT ROCKP-6 to ROCKP002 S 2° 01' 11.23" E Dist 72.9675				
Point ROCKP002	N	800,002.6634	E 1,967,240.6464	Sta 9172+12.93
=====				
Ending chain ROCKP description				
I-20 CD ROAD EAST (I20CDE2)				
Beginning chain I20CDE2 description				
=====				
Curve Data				

Curve I20CDE2-1				
P.I. Station	8183+21.52	N	802,207.9112	E 1,968,635.6297
Delta	=	10° 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-201-25	5HH




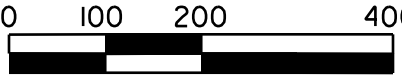
TRACT(S)	ISSUED FOR	DATE	TRACT(S)	ISSUED FOR	DATE
NA	SHEET RELEASED	11-01-2019			
NA	ZIMALCREST, BUSH_RIVER2 REVISED	12-06-2019			

PLANS PREPARED BY

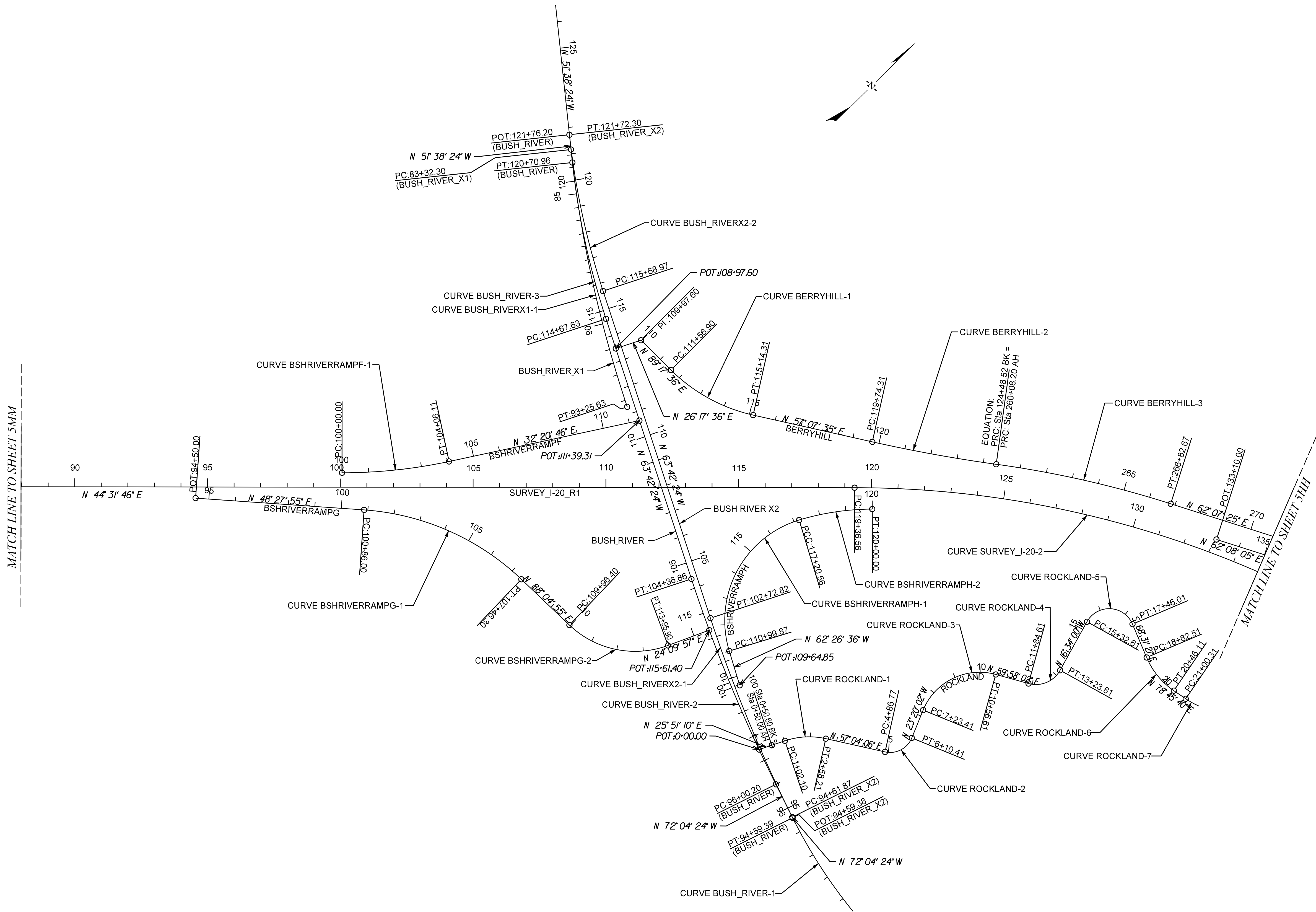


PLANS PREPARED FOR


South Carolina Department of Transportation



CAROLINA CROSSROADS	
REFERENCE DATA SHEET	
EXISTING ALIGNMENTS	



TRACT(S)	ISSUED FOR	DATE	TRACT(S)	ISSUED FOR	DATE	PLANS PREPARED BY		PLANS PREPARED FOR		CAROLINA CROSSROADS	
N/A	SHEET RELEASED	12-06-2019				 		 South Carolina Department of Transportation		REFERENCE DATA SHEET	
N/A	BERRYHILL REVISED	12-07-2020								EXISTING ALIGNMENTS	
N/A	BUSH_RIVER & ROCKLAND REVISED	01-20-2021									
N/A	BUSH_RIVER_X1 & BUSH_RIVER_X2 ADDED	01-20-2021									
N/A	BSHRIVERRAMPG TIE POINT REVISED	01-20-2021									
N/A	BSHRIVERRAMPF & BSHRIVERRAMPH REVISED	01-20-2021									
											

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

STANDREWSPURD			Curve Data			Equation: Sta 124+48.52 (BK) = Sta 260+08.20 (AH)			End Region 1			Begin Region 2			Curve Data		
FED. RD. DIV. NO.	STATE	COUNTY	FILE NO.	ROAD/ROUTE NO.	SHEET NO.	3	S.C.	LEXINGTON/RICHLAND	P027662	I26+I20+I25	5WVV						
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° 9' 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 = 820.6704																	
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																	
End Region 1																	
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' 01.29" (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+00.87																	
Ending chain FAIRWAY description																	
BERRYHILL																	
Beginning chain BERRYHILL description																	
Point BERRYHILL1 N 800,069.1718 E 1,962,736.3091 Sta 108+97.60																	
Course from BERRYHILL1 to BERRYHILL2 N 26° 17' 36.18" E Dist 100.0000																	
Point BERRYHILL2 N 800,158.8255 E 1,962,780.6059 Sta 109+97.60																	
Course from BERRYHILL2 to PC BERRYHILL-1 N 89° 17' 36.18" E Dist 159.3300																	
Curve Data																	
Curve BERRYHILL-1																	
P.I. Station 113+40.45 N 800,163.0538 E 1,963,123.4315																	
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 111+56.90 N 800,160.7901 E 1,962,939.8938																	
P.T. Station 115+14.31 N 800,262.6831 E 1,963,277.5912																	
C.C. N 800,797.3617 E 1,962,932.0427																	
Back = N 89° 17' 36.18" E																	
Ahead = N 57° 07' 35.38" E																	
Chord Bear = N 73° 12' 35.78" E																	
Course from PT BERRYHILL-1 to PC BERRYHILL-2 N 57° 07' 35.38" E Dist 460.0000																	
Curve Data																	
Curve BERRYHILL-2																	
P.I. Station 122+11.55 N 800,641.1376 E 1,963,863.1865																	
Delta = 4° 48' 05.00" (LT)																	
Degree = 1° 00' 45.00"																	
Tangent = 237.2443																	
Length = 474.2110																	
Radius = 5,658.8400																	
External = 4.9710																	
Long Chord = 474.0722																	
Mid. Ord. = 4.9666																	
P.C. Station 119+74.31 N 800,512.3647 E 1,963,663.9318																	
P.R.C. Station 124+48.52 N 800,786.1367 E 1,964,050.9633																	
C.C. N 805,265.0600 E 1,960,592.3920																	
Back = N 57° 07' 35.38" E																	
Ahead = N 52° 19' 30.39" E																	
Chord Bear = N 54° 43' 32.88" E																	
Curve BERRYHILL-3																	
P.I. Station 263+46.33 N 800,992.7943 E 1,964,318.5893																	
Delta = 9° 47' 54.50" (RT)																	
Degree = 1° 27' 08.88"																	
Tangent = 338.1288																	
Length = 674.6086																	
Radius = 3,944.7200																	
External = 14.4651																	
Long Chord = 673.7868																	
Mid. Ord. = 14.4123																	
P.R.C. Station 260+08.20 N 800,786.1367 E 1,964,050.9633																	
P.T. Station 266+82.81 N 801,150.8918 E 1,964,617.4810																	
C.C. N 797,663.9246 E 1,966,461.8983																	
Back = N 52° 19' 30.39" E																	
Ahead = N 62° 07' 24.88" E																	
Chord Bear = N 57° 13' 27.63" E																	
Course from PT BERRYHILL-3 to PC BERRYHILL-4 N 62° 07' 24.88" E Dist 554.7610																	
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' 59.39" W																	
Chord Bear = N 13° 00' 39.76" E																	
Curve Data																	
Curve BERRYHILL-6																	
P.I. Station 283+99.10 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' 59.39" 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 30° 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 BERRYHILL-9																	
P.I. Station 308+06.16 N 804,345.9177 E 1,964,168.0996																	
Delta = 57° 14' 10.97" (LT)																	
Degree = 11° 00' 00.05"																	
Tangent = 284.2021																	
Length = 520.3300																	
Radius = 520.8700																	
External = 72.4903																	
Long Chord = 498.9628																	
Mid. Ord. = 63.6342																	
P.C. Station 305+21.96 N 804,143.3646 E 1,964,367.4563																	
P.T. Station 310+42.29 N 804,287.8931 E 1,963,889.8839																	
C.C. N 803,777.9947 E 1,963,996.2281																	
Back = N 44° 32' 39.60" W																	
Ahead = S 78° 13' 09.44" W																	
Chord Bear = N 73° 09' 45.08" W																	
Course from PT BERRYHILL-9 to BERRYHILL3 S 78° 13' 09.44" W Dist 109.3601																	
Point BERRYHILL3 N 804,265.5655 E 1,963,782.8274 Sta 311+51.65																	
Ending chain BERRYHILL description																	
I20WB_I26WB																	
Beginning chain I20WB_I26WB description																	
Point XWB_I2026000 N 802,238.5712 E 1,967,984.6821 Sta 9+59.46																	
Course from XWB_I2026000 to PC I20WB_I26WB-1 S 79° 05' 26.38" W Dist 400.5400																	
Curve Data																	
Curve I20WB_I26WB-1																	
P.I. Station 15+21.42 N 802,132.2172 E 1,967,432.8780																	
Delta = 23° 51' 43.62" (RT)																	
Degree = 7° 30' 00.13"																	
Tangent = 161.4200																	
Length = 318.1600																	
Radius = 763.9400																	
External = 16.8677																	
Long Chord = 315.8656																	
Mid. Ord. = 16.5033																	
P.C. Station 13+60.00 N 802,162.7668 E 1,967,591.3808																	
P.T. Station 16+78.16 N 802,168.3991 E 1,967,275.5654																	
C.C. N 802,912.9008 E 1,967,446.8009																	
Back = S 79° 05' 26.38" W																	
Ahead = N 77° 02' 50.01" W																	
Chord Bear = N 88° 58' 41.81" W																	
Curve Data																	
Curve I20WB_I26WB-2																	
P.I. Station 22+72.72 N 802,301.6680 E 1,966,696.1361																	
Delta																	

FED. RD. DIV. NO.	STATE	COUNTY	FILE NO.	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON/RICHLAND	P027662	I26+I20+I25	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




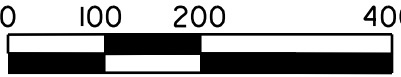
Ending chain I26WB_I20EB description

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						
								

EXRAILROAD			COLONIALLIFE1			FED. RD. OR. NO.	STATE	COUNTY	FILE NO.	ROAD/ROUTE NO.	SHEET NO.
						3	S.C.	LEXINGTON/RICHLAND	P027662	1251+201+125	5ZZ
Beginning chain EXRAILROAD description						Beginning chain COLONIALLIFE1 description					
Point EXRAILROAD1 N 792,188.3006 E 1,977,903.9780 Sta 110+25.88						Point COLONIALLIFE11 N 796,325.9892 E 1,971,667.3000 Sta 204+32.50					
Course from EXRAILROAD1 to PC EXRAILROAD-1 N 89° 44' 53.62" W Dist 457.0100						Course from COLONIALLIFE11 to PC COLONIALLIFE1-1 N 23° 47' 22.42" E Dist 195.3000					
Curve Data						Curve Data					
Curve EXRAILROAD-1						Curve COLONIALLIFE1-1					
P.I. Station 122+24.27 N 792,193.5666 E 1,976,705.5971						P.I. Station 209+20.43 N 796,772.4614 E 1,971,864.1205					
Delta = 42° 25' 52.00" (RT)						Delta = 28° 39' 59.94" (LT)					
Degree = 3° 00' 00.00"						Degree = 5° 00' 10.46"					
Tangent = 741.3825						Tangent = 292.6301					
Length = 1,414.3709						Length = 573.0000					
Radius = 1,909.8600						Radius = 1,145.2500					
External = 138.8501						External = 36.7948					
Long Chord = 1,382.2714						Long Chord = 567.0421					
Mid. Ord. = 129.4396						Mid. Ord. = 35.6495					
P.C. Station 114+82.89 N 792,190.3088 E 1,977,446.9724						P.C. Station 206+27.80 N 796,504.6952 E 1,971,746.0798					
P.T. Station 128+97.26 N 792,696.1795 E 1,976,160.5941						P.T. Station 212+00.80 N 797,064.0319 E 1,971,839.2416					
C.C. N 794,100.1504 E 1,977,455.3648						C.C. N 796,966.6645 E 1,970,698.1381					
Back = N 89° 44' 53.62" W						Back = N 23° 47' 22.42" E					
Ahead = N 47° 19' 01.62" W						Ahead = N 4° 52' 37.52" W					
Chord Bear = N 68° 31' 57.62" W						Chord Bear = N 9° 27' 22.45" E					
Course from PT EXRAILROAD-1 to PC EXRAILROAD-2 N 47° 19' 01.62" W Dist 185.4727						Course from PT COLONIALLIFE1-1 to COLONIALLIFE12 N 4° 52' 37.52" W Dist 195.3000					
Curve Data						Curve Data					
Curve EXRAILROAD-2						Curve COLONIALLIFE2					
P.I. Station 131+32.73 N 792,855.8160 E 1,975,987.4940						P.I. Station 209+49.99 N 796,799.5142 E 1,971,876.0464					
Delta = 1° 30' 00.25" (LT)						Delta = 28° 41' 00.20" (LT)					
Degree = 1° 30' 00.54"						Degree = 4° 59' 58.99"					
Tangent = 50.0002						Tangent = 292.9949					
Length = 99.9946						Length = 573.7000					
Radius = 3,819.3373						Radius = 1,145.9800					
External = 0.3273						External = 36.8624					
Long Chord = 99.9918						Long Chord = 567.7279					
Mid. Ord. = 0.3272						Mid. Ord. = 35.7136					
P.C. Station 130+82.73 N 792,821.9189 E 1,976,024.2499						P.C. Station 206+57.00 N 796,531.4141 E 1,971,757.8585					
P.T. Station 131+82.73 N 792,888.7393 E 1,975,949.8632						P.T. Station 212+30.70 N 797,091.4410 E 1,971,851.0511					
C.C. N 790,014.2584 E 1,973,434.9681						C.C. N 796,993.6779 E 1,970,709.2488					
Back = N 47° 19' 01.62" W						Back = N 23° 47' 22.42" E					
Ahead = N 48° 49' 01.87" W						Ahead = N 4° 52' 37.77" W					
Chord Bear = N 48° 04' 01.75" W						Chord Bear = N 9° 28' 52.32" E					
Course from PT EXRAILROAD-1 to PC EXRAILROAD-2 N 47° 19' 01.62" W Dist 185.4727						Course from PT COLONIALLIFE2-1 to COLONIALLIFE22 N 4° 53' 37.77" W Dist 409.2650					
Curve Data						Curve Data					
Curve EXRAILROAD-3						Curve COLONIALLIFE22					
P.I. Station 135+22.82 N 793,112.6806 E 1,975,693.9022						P.I. Station 209+49.99 N 796,799.5142 E 1,971,876.0464					
Delta = 13° 31' 59.59" (LT)						Delta = 28° 41' 00.20" (LT)					
Degree = 1° 59' 56.10"						Degree = 4° 59' 58.99"					
Tangent = 340.0967						Tangent = 292.9949					
Length = 677.0281						Length = 573.7000					
Radius = 2,866.3429						Radius = 1,145.9800					
External = 20.1060						External = 36.8624					
Long Chord = 675.4553						Long Chord = 567.7279					
Mid. Ord. = 19.9660						Mid. Ord. = 35.7136					
P.C. Station 131+82.73 N 792,888.7393 E 1,975,949.8632						P.C. Station 206+57.00 N 796,531.4141 E 1,971,757.8585					
P.T. Station 138+59.76 N 793,270.5069 E 1,975,392.6438						P.T. Station 212+30.70 N 797,091.4410 E 1,971,851.0511					
C.C. N 790,731.4939 E 1,974,062.4804						C.C. N 796,993.6779 E 1,970,709.2488					
Back = N 48° 49' 01.87" W						Back = N 23° 47' 22.42" E					
Ahead = N 62° 21' 01.47" W						Ahead = N 4° 53' 37.77" W					
Chord Bear = N 55° 33' 01.67" W						Chord Bear = N 9° 28' 52.32" E					
Course from PT EXRAILROAD-4 to PC EXRAILROAD-5 N 63° 51' 01.94" W Dist 1,158.2802						Course from PT COLONIALLIFE22 N 4° 53' 37.77" W Dist 409.2650					
Curve Data						Curve Data					
Curve EXRAILROAD-4						Curve COLONIALLIFE3					
P.I. Station 139+34.58 N 793,305.2316 E 1,975,326.3613						P.I. Station 209+49.99 N 796,799.5142 E 1,971,876.0464					
Delta = 2° 00' 00.42" (LT)						Delta = 28° 41' 00.20" (LT)					
Degree = 1° 20' 11.82"						Degree = 4° 59' 58.99"					
Tangent = 74.8276						Tangent = 292.9949					
Length = 149.6401						Length = 573.7000					
Radius = 4,286.6237						Radius = 1,145.9800					
External = 0.6530						External = 36.8624					
Long Chord = 149.6325						Long Chord = 567.7279					
Mid. Ord. = 0.6529						Mid. Ord. = 35.7136					
P.C. Station 138+59.76 N 793,270.5069 E 1,975,392.6438						P.C. Station 206+57.00 N 796,531.4141 E 1,971,757.8585					
P.T. Station 140+09.40 N 793,337.6218 E 1,975,258.9073						P.T. Station 212+30.70 N 797,091.4410 E 1,971,851.0511					
C.C. N 789,473.4060 E 1,973,403.3807						C.C. N 796,993.6779 E 1,970,709.2488					
Back = N 62° 21' 01.47" W						Back = N 23° 47' 22.42" E					
Ahead = N 64° 21' 01.88" W						Ahead = N 4° 53' 37.77" W					
Chord Bear = N 63° 21' 01.67" W						Chord Bear = N 9° 28' 52.32" E					
Course from PT EXRAILROAD-4 to PC EXRAILROAD-5 N 63° 51' 01.94" W Dist 1,158.2802						Course from PT COLONIALLIFE22 N 4° 53' 37.77" W Dist 409.2650					
Curve Data						Curve Data					
Curve EXRAILROAD-5						Curve COLONIALLIFE3-1					
P.I. Station 152+27.65 N 793,874.5245 E 1,974,165.3433						P.I. Station 209+49.99 N 796,799.5142 E 1,971,876.0464					
Delta = 0° 18' 00.07" (LT)						Delta = 28° 41' 00.20" (LT)					
Degree = 0° 15' 00.43"						Degree = 4° 59' 58.99"					
Tangent = 59.9754						Tangent = 292.9949					
Length = 119.9506						Length = 573.7000					
Radius = 22,907.3415						Radius = 1,145.9800					
External = 0.0785						External = 36.8624					
Long Chord = 119.9504						Long Chord = 567.7279					
Mid. Ord. = 0.0785						Mid. Ord. = 35.7136					
P.C. Station 151+67.68 N 793,848.0924 E 1,974,219.1800						P.C. Station 206+57.00 N 796,531.4141 E 1,971,757.8585					
P.T. Station 152+87.63 N 793,900.6743 E 1,974,111.3689						P.T. Station 212+30.70 N 797,091.4410 E 1,971,851.0511					
C.C. N 773,285.3893 E 1,964,123.5604						C.C. N 796,993.6779 E 1,970,709.2488					
Back = N 63° 51' 01.66" W						Back = N 23° 47' 22.42" E					
Ahead = N 64° 09' 01.73" W						Ahead = N 4° 53' 37.77" W					
Chord Bear = N 64° 00' 01.69" W						Chord Bear = N 9° 28' 52.32" E					
Course from PT EXRAILROAD-5 to PC EXRAILROAD-6 N 63° 51' 01.94" W Dist 1,158.2802						Course from PT COLONIALLIFE3-1 to COLONIALLIFE32 N 72° 42' 07.06" W Dist 69.3000					
Curve Data						Curve Data					
Curve EXRAILROAD-6						Curve COLONIALLIFE32					
P.I. Station 156+21.77 N 794,046.3644 E 1,973,810.6580						P.I. Station 209+49.99 N 796,799.5142 E 1,971,876.0464					
Delta = 5° 30' 26.81" (LT)						Delta = 28° 41' 00.20" (LT)					
Degree = 0° 49' 29.09"						Degree = 4° 59' 58.99"					
Tangent = 334.1446						Tangent = 292.9949					
Length = 667.7746						Length = 573.7000					
Radius = 6,947.0793						Radius = 1,145.9800					
External = 8.0313						External = 36.8624					
Long Chord = 667.5176						Long Chord = 567.7279					
Mid. Ord. = 8.0220						Mid. Ord. = 35.7136					
P.C. Station 152+87.63 N 793,900.6743 E 1,974,111.3689						P.C. Station 206+57.00 N 796,531.4141 E 1,971,757.8585					
P.T. Station 159+55.40 N 794,162.5212 E 1,973,497.3526						P.T. Station 212+30.70 N 797,091.4410 E 1,971,851.0511					
C.C. N 787,648.7040 E 1,971,082.3793						C.C. N 796,993.6779 E 1,970,709.2488					
Back = N 64° 09' 01.73" W						Back = N 23° 47' 22.42" E					
Ahead = N 69° 39' 28.54" W						Ahead = N 4° 53' 37.77" W					
Chord Bear = N 66° 54' 15.13" W						Chord Bear = N 9° 28' 52.32" E					
Course from PT EXRAILROAD-6 to PC EXRAILROAD-7 N 69° 39' 28.54" W Dist 901.4440						Course from PT COLONIALLIFE32 N 72° 42' 07.06" W Dist 69.3000					
Curve Data						Curve Data					
Curve EXRAILROAD-7						Curve COLONIALLIFE3-1					
P.I. Station 160+15.38 N 794,183.3702 E 1,973,441.1173						P.I. Station 209+49.99 N 796,799.5142 E 1,971,876.0464					
Delta = 0° 18' 00.17" (LT)						Delta = 28° 41' 00.20" (LT)					
Degree = 0° 15' 00.50"						Degree = 4° 59' 58.99"					
Tangent = 59.9758						Tangent = 292.9949					
Length = 119.9514						Length = 573.7000					
Radius = 22,905.5202						Radius = 1,145.9800					
External = 0.0785						External = 36.8624					
Long Chord = 119.9512						Long Chord = 567.7279					
Mid. Ord. = 0.0785						Mid. Ord. = 35.7136					
P.C. Station 159+55.40 N 794,162.5212 E 1,973,497.3526						P.C. Station 206+57.00 N 796,531.4141 E 1,971,757.8585					
P.T. Station 160+75.35 N 794,203.9245 E 1,973,384.7735						P.T. Station 212+30.70 N 797,091.4410 E 1,971,851.0511					
C.C. N 772,685.5284 E 1,965,534.8381						C.C. N 796,993.6779 E 1,970,709.2488					
Back = N 69° 39' 28.54" W						Back = N 23° 47' 22.42" E					
Ahead = N 69° 57' 28.70" W						Ahead = N 4° 53' 37.77" W					
Chord Bear = N 69° 48' 28.62" W						Chord Bear = N 9° 28' 52.32" E					
Course from PT EXRAILROAD-7 to PC EXRAILROAD-8 N 69° 57' 28.70" W Dist 901.4440						Course from PT COLONIALLIFE32 N 72° 42' 07.06" W Dist 69.3000					
Curve Data						Curve Data					
Curve EXRAILROAD-8						Curve COLONIALLIFE32					
P.I. Station 170+76.80 N 794,547.1291 E 1,972,443.9742						P.I. Station 209+49.99 N 796,799.5142 E 1,971,876.0464					
Delta = 1° 20' 00.04" (RT)						Delta = 28° 41' 00.20" (LT)					
Degree = 0° 40' 00.10"						Degree = 4° 59' 58.99"					
Tangent = 100.0013						Tangent = 292.9949					
Length = 199.9937						Length = 573.7000					
Radius = 8,594.0189						Radius = 1,145.9800					
External = 0.5818						External = 36.8624					
Long Chord = 199.9892						Long Chord = 567.7279					
Mid. Ord. = 0.5818						Mid. Ord. = 35.7136					
P.C. Station 169+76.80 N 794,512.8577 E 1,972,537.9196						P.C. Station 206+57.00 N 796,531.4141 E 1,971,757.8585					
P.T. Station 171+76.79 N 794,583.5773 E 1,972,350.8517						P.T. Station 212+30.70 N 797,091.4410 E 1,971,851.0511					
C.C. N 802,586.4357 E 1,975,483.1701						C.C. N 796,993.6779 E 1,970,709.2488					
Back = N 69° 57' 28.70" W						Back = N 23° 47' 22.42" E					
Ahead = N 68° 37' 28.66" W						Ahead = N 4° 53' 37.77" W					
Chord Bear = N 69° 17' 28.68" W						Chord Bear = N 9° 28' 52.32" E					
Course from PT EXRAILROAD-8 to PC EXRAILROAD-9 N 69° 17' 28.68" W Dist 901.4440						Course from PT COLONIALLIFE32 N 72° 42' 07.06" W Dist 69.3000					
Curve Data						Curve Data					
Curve EXRAILROAD-9						Curve COLONIALLIFE3-1					
P.I. Station 181+41.00 N 794,945.4309 E 1,971,457.1204						P.I. Station 209+49.99 N 796,799.5142 E 1,971,876.0464					
Delta = 37° 12' 12.66" (RT)						Delta = 28° 41' 00.20" (LT)					
Degree = 2° 00' 00.00"						Degree = 4° 59' 58.99"					
Tangent = 964.2063						Tangent = 292.9949					
Length = 1,860.1766						Length = 573.7000					
Radius = 2,864.7900						Radius = 1,145.9800					
External = 157.9100						External = 36.8624					
Long Chord = 1,827.6696						Long Chord = 567.7279					
Mid. Ord. = 149.6606						Mid. Ord. = 35.7136					
P.C. Station 174+76.79 N 794,583.5773 E 1,972,350.8517						P.C. Station 206+57.00 N 796,531.4141 E 1,971,757.8585					
P.T. Station 190+36.97 N 795,774.0376 E 1,970,964.0639						P.T. Station 212+30.70 N 797,091.4410 E 1,971,851.0511					
C.C. N 797,238.9765 E 1,973,425.9688						C.C. N 796,993.6779 E 1,970,709.2488					
Back = N 67° 57' 28.71" W						Back = N 23° 47' 22.42" E					
Ahead = N 30° 45' 16.05" W						Ahead = N 4° 53' 37.77" W					
Chord Bear = N 49° 21' 22.38" W						Chord Bear = N 9° 28' 52.32" E					
Course from PT EXRAILROAD-10 to PC EXRAILROAD-11 N 29° 03' 56.40" W Dist 1,258.9229						Course from PT COLONIALLIFE32 N 72° 42' 07.06" W Dist 69.3000					
Curve Data						Curve Data					
Curve EXRAILROAD-10						Curve COLONIALLIFE32					
P.I. Station 191+36.99 N 795,859.9929 E 1,970,912.9168						P.I. Station 209+49.99 N 796,799.5142 E 1,971,876.0464					
Delta = 2° 40' 00.21" (RT)						Delta = 28° 41' 00.20" (LT)					
Degree = 1° 19' 59.93"						Degree = 4° 59' 58.99"					
Tangent = 100.0217						Tangent = 292.9949					
Length = 200.0073						Length = 573.7000					
Radius = 4,297.2459						Radius = 1,145.9800					
External = 1.1639						External = 36.8624					
Long Chord = 199.9892						Long Chord = 567.7279					
Mid. Ord. = 1.1636						Mid. Ord. = 35.7136					
P.C. Station 190+36.97 N 795,774.0376 E 1,970,964.0639						P.C. Station 206+57.00 N 796,531.4141 E 1,971,757.8585					
P.T. Station 192+36.97 N 795,948.2348 E 1,970,865.8243						P.T. Station 212+30.70 N 797,091.4410 E 1,971,851.0511					
C.C. N 797,971.4770 E 1,974,656.9736						C.C. N 796,993.6779 E 1,970,709.2488					
Back = N 30° 45' 16.05" W						Back = N 23° 47' 22.42" E					
Ahead = N 28° 05' 15.84" W						Ahead = N 4° 53' 37.77" W					
Chord Bear = N 29° 25' 15.94" W						Chord Bear = N 9° 28' 52.32" E					
Course from PT EXRAILROAD-10 to PC EXRAILROAD-11 N 29° 03' 56.40" W Dist 1,258.9229						Course from PT COLONIALLIFE32 N 72° 42' 07.06" W Dist 69.3000					
Curve Data						Curve Data					
Curve EXRAILROAD-11						Curve COLONIALLIFE32					
P.I. Station 213+12.60 N 797,733.9083 E 1,969,809.9632						P.I. Station 209+49.99 N 796,799.5142 E 1,971,876.0464					
Delta = 46° 18' 17.48" (LT)						Delta = 28° 41' 00.20" (LT)					
Degree = 2° 59' 59.88"						Degree = 4° 59' 58.99"					
Tangent = 816.6992						Tangent = 292.9949					
Length = 1,543.5119						Length = 573.7000					
Radius = 1,909.8600						Radius = 1,145.9800					
External = 167.2910						External = 36.8624					
Long Chord = 1,501.8480						Long Chord = 567.7279					
Mid. Ord. = 153.8177						Mid. Ord. = 35.7136					
P.C. Station 204+95.90 N 797,048.6133 E 1,970,254.2248						P.C. Station 206+57.00 N 796,531.4141 E 1,971,757.8585					
P.T. Station 220+39.41 N 797,886.1120 E 1,969,007.5720						P.T. Station 212+30.70 N 797,091.4410 E 1,971,851.0511					
C.C. N 796,009.6918 E 1,968,651											

[illegible]