

Randolph										
Element	Point Type	Station	Northing	Easting	Radius	Length	Delta / Theta	Rotation Direction	Maximum Banking	Design Speed
Tangent	PT	16+78.82	520507.18	1595205.76						
	PC	21+45.48	520346.76	1594767.55						
Curve 1	PC	21+45.48	520346.76	1594767.55	950	119.56	7°12'39"	Right	3.3%	25
	PI	22+05.34	520326.18	1594711.33						
	CC		521238.86	1594440.96						
	PCC	22+65.04	520312.82	1594652.99						
Curve 2	PCC	22+65.04	520312.82	1594652.99	240	209.28	49°57'43"	Right	6.9%	25
	PI	23+76.86	520287.86	1594543.99						
	CC		520546.76	1594599.42						
Tangent	PT	24+74.32	520355.26	1594454.77						
	PC	25+70.08	520412.98	1594378.35						
Curve 3	PC	25+70.08	520412.98	1594378.35	1200	221.64	10°34'56"	Left	5.3%	40
	PI	26+81.22	520479.96	1594289.67						
	CC		519455.44	1593655.07						
Tangent	PT	27+91.72	520529.52	1594190.2						
	PC	28+62.54	520561.1	1594126.81						
Curve 4	PC	28+62.54	520561.1	1594126.81	1000	190.12	10°53'36"	Right	5.9%	40
	PI	29+57.89	520603.62	1594041.46						
	CC		521456.17	1594572.75						
Tangent	PT	30+52.67	520661.51	1593965.69						
	PC	31+38.00	520713.31	1593897.88						
Curve 5	PC	31+38.00	520713.31	1593897.88	1450	283.68	11°12'34"	Left	4.7%	40
	PI	32+80.30	520799.69	1593784.8						
	CC		519561.05	1593017.65						
Tangent	PT	34+21.68	520862.44	1593657.09						
	PC	35+62.21	520924.41	1593530.97						
Curve 6	PC	35+62.21	520924.41	1593530.97	350	106.22	17°23'18"	Right	5.9%	25
	PI	36+15.73	520948.01	1593482.94						
	CC		521238.54	1593685.32						
Curve 7	PCC	36+68.43	520984.89	1593444.15	180	195.68	62°17'11"	Right	7.6%	25
	PI	37+77.19	521059.84	1593365.32						
	CC		521115.34	1593568.18						
Tangent	PT	38+64.11	521164.48	1593395.02						
	PC	38+83.81	521183.43	1593400.39						
Curve 8	PC	38+83.81	521183.43	1593400.39	380	248.16	37°25'00"	Left	5.7%	25
	PI	40+12.49	521307.23	1593435.52						
	CC		521287.16	1593034.83						
Curve 9	PCC	41+31.96	521426.89	1593388.2	650	255.43	22°30'56"	Left	4.3%	25
	PI	42+61.35	521547.21	1593340.63						
	CC		521187.88	1592783.74						
Curve 10	PCC	43+87.39	521640.14	1593250.6	250	144.56	33°07'51"	Left	5.3%	25
	PI	44+61.76	521693.56	1593198.86						
	CC		521466.2	1593071.04						
Tangent	PT	45+31.95	521710	1593126.34						
	PC	48+76.46	521786.21	1592790.37						
Curve 11	PC	48+76.46	521786.21	1592790.37	640	359.76	32°12'25"	Left	5.7%	40
	PI	50+61.23	521827.08	1592610.17						
	CC		521162.06	1592648.8						
Tangent	PT	52+36.22	521765.62	1592435.93						
	PC	53+85.47	521715.97	1592295.17						
Curve 12	PC	53+85.47	521715.97	1592295.17	800	292.03	20°54'54"	Right	3.7%	40
	PI	55+33.13	521666.86	1592155.92						
	CC		522470.42	1592029.07						
Tangent	PT	56+77.50	521670.69	1592008.31						
	PC	60+89.18	521681.37	1591596.77						
Curve 13	PC	60+89.18	521681.37	1591596.77	30000	583.04	1°06'49"	Left	NC	50
	PI	63+80.71	521688.94	1591305.34						
	CC		491691.48	1590818.23						
Tangent	PT	66+72.22	521690.84	1591013.82						
	PC	67+13.42	521691.11	1590972.62						

Braintree										
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Tangent	POB	0+00.00	521691.11	1590972.62						
	PC	8+50.91	521696.65	1590121.72						
Curve 14	PC	8+50.91	521696.65	1590121.72	900	445.05	28°19'59"	Right	3.9%	40
	PI	10+78.09	521698.14	1589894.55						
	CC		522596.64	1590127.59						
	PT	12+95.97	521807.25	1589695.3						
Tangent	PC	14+07.90	521861.02	1589597.12						
	PC	14+07.90	521861.02	1589597.12						
Curve 15	PI	17+79.98	522039.74	1589270.77	1650	731.93	25°24'57"	Left	6.0%	40
	CC		520413.81	1588804.59						
	PT	21+39.83	522061.09	1588899.3						
Tangent	PT	21+39.83	522061.09	1588899.3						
	PC	26+85.18	522092.4	1588354.84						
Curve 16	PC	26+85.18	522092.4	1588354.84	1800	224.94	7°09'36"	Right	4.1%	45
	PI	27+97.80	522098.86	1588242.41						
	CC		523889.43	1588458.16						
Curve 17	PCC	29+10.12	522119.29	1588131.66	695	340.54	28°04'27"	Right	7.8%	45
	PI	30+83.88	522150.81	1587960.78						
	CC		522802.76	1588257.73						
Tangent	PT	32+50.66	522259.03	1587824.85						
	PC	36+88.58	522531.8	1587482.24						
Curve 18	PC	36+88.58	522531.8	1587482.24	10000	221.55	1°16'10"	Left	NC	50
	PI	37+99.36	522600.79	1587395.58						
	CC		514708.41	1581253.71						
Tangent	PT	39+10.13	522667.86	1587307.4						
	PC	40+19.20	522733.88	1587220.59						
Curve 19	PC	40+19.20	522733.88	1587220.59	1100	395.78	20°36'55"	Right	7.3%	50
	PI	42+19.25	522854.99	1587061.36						
	CC		523609.42	1587886.5						
Tangent	PT	44+14.98	523024.41	1586954.96						
	PC	45+54.46	523142.52	1586880.78						
Curve 20	PC	45+54.46	523142.52	1586880.78	1020	533.17	29°56'57"	Right	7.5%	50
	PI	48+27.29	523373.56	1586735.69						
	CC		523684.99	1587744.57						
Tangent	PT	50+87.63	523646.19	1586725.31						
	PC	50+87.63	523646.19	1586725.31						
Curve 21	PI	52+85.51	523843.92	1586717.78	560	485.67	49°41'26"	Left	5.9%	40
	CC		524103.03	1586707.91						
	PT	55+44.80	523822.62	1586158.18						
Tangent	PT	57+71.17	524263.13	1586503.95						
	PC	62+93.65	524585.73	1586092.96						
Curve 22	PC	62+93.65	524585.73	1586092.96	1200	470.56	22°28'03"	Right	5.5%	50
	PI	65+31.99	524732.89	1585905.47						
	CC		525529.67	1586833.88						
Tangent	PT	67+64.21	524940.53	1585788.46						
	PC	69+89.88	525137.13	1585677.66						
Curve 23	PC	69+89.88	525137.13	1585677.66	2450	597.41	13°58'16"	Right	4.3%	50
	PI	72+90.07	525398.65	1585530.28						
	CC		526339.96	1587812.07						
Curve 24	PCC	75+87.29	525688.02	1585450.4	850	376.2	25°21'31"	Right	7.9%	50
	PI	77+78.52	525872.36	1585399.52						
	CC		525914.2	1586269.76						
Tangent	PT	79+63.49	526060.73	1585432.48						
	PC	83+10.40	526402.44	1585492.28						
Curve 25	PC	83+10.40	526402.44	1585492.28	1100	354.73	18°28'36"	Left	5.7%	50
	PI	84+89.31	526578.68	1585523.12						
	CC		526592.06	1584408.75						
Curve 26	PCC	86+65.12	526755.6	1585496.52	925	410.7	25°26'21"	Left	5.9%	50
	PI	88+73.91	526962.07	1585465.48						
	CC		526618.08	1584581.8						
Tangent	PT	90+75.82	527135.19	1585348.76						
	PC	99+43.29	527854.44	1584863.81						

Braintree (Continued)										
Element	Point Type	Station	Northing	Easting	Radius	Length	Delta / Theta	Rotation Direction	Maximum Banking	Design Speed
Curve 27	PC	99+43.29	527854.44	1584863.81	850	520.68	35°05'51"	Left	6.0%	50
	PI	102+12.08	528077.31	1584713.54						
	CC		527379.26	1584159.04						
Tangent	PT	104+63.97	528173.26	1584462.45						
	PC	110+50.55	528382.65	1583914.51						
Curve 28	PC	110+50.55	528382.65	1583914.51	1800	312.55	9°56'56"	Right	5.5%	50
	PI	112+07.22	528438.57	1583768.16						
	CC		530064.07	1584557.03						
Tangent	PT	113+63.10	528518.94	1583633.68						
	PC	116+90.94	528687.11	1583352.25						
Curve 29	PC	116+90.94	528687.11	1583352.25	1500	401.09	15°19'13"	Left	6.2%	50
	PI	118+92.69	528790.6	1583179.07						
	CC		527399							