

Element	Point Type	Station	Northing	Easting	Radius	Length	Delta / Theta	Direction	Maximum Banking	Design Speed
Randolph Curve #47	PC	321+70.58	531192.4823	1622026.382	625	251.9	23°05'32.76"	Right	0.08	45
	PI	322+98.26	531124.0213	1622134.159						
	CC		530664.9173	1621691.27						
	PCC	324+22.48	531018.774	1622206.45						
Randolph Curve #47	PCC	324+22.48	531018.774	1622206.45	8000	572.06	4°05'49.48"	Right	NC	50
	PI	327+08.63	530782.9023	1622368.461						
	CC		526489.4091	1615612.145						
	PCC	329+94.54	530536.0583	1622513.205						
Randolph Curve #47	PCC	329+94.54	530536.0583	1622513.205	1350	293.58	12°27'35.89"	Right	0.058	50
	PI	331+41.91	530408.9306	1622587.75						
	CC		529853.1863	1621348.651						
	PRC	332+88.12	530268.7134	1622633.111						
Randolph Curve #48	PRC	332+88.12	530268.7134	1622633.111	1150	263.98	13°09'07.72"	Left	0.063	45
	PI	334+20.69	530142.5768	1622673.917						
	CC		530622.6811	1623727.281						
	PT	335+52.10	530029.0335	1622742.353						
Tangent	PT	335+52.10	530029.0335	1622742.353						
	PC	340+75.38	529580.8669	1623012.477						
Randolph Curve #49	PC	340+75.38	529580.8669	1623012.477	1650	319.63	11°05'56.13"	Right	0.058	50
	PI	342+35.69	529443.564	1623095.234						
	CC		528729.1118	1621599.32						
	PT	343+95.00	529292.8982	1623150.012						
Tangent	PT	343+95.00	529292.8982	1623150.012						
	PC	344+96.63	529197.3858	1623184.737						
Randolph Curve #50	PC	344+96.63	529197.3858	1623184.737	725	293.15	23°10'00.92"	Left	0.08	45
	PI	346+45.24	529057.7267	1623235.513						
	CC		529445.1101	1623866.102						
	PT	347+89.78	528949.3051	1623337.138						
Tangent	PT	347+89.78	528949.3051	1623337.138						
	PC	352+01.87	528648.6389	1623618.957						
Randolph Curve #51	PC	352+01.87	528648.6389	1623618.957	1900	403.15	12°09'26.24"	Right	0.053	50
	PI	354+04.21	528501.0141	1623757.328						
	CC		527349.2881	1622232.708						
	PRC	356+05.02	528327.5598	1623861.506						
Randolph Curve #52	PRC	356+05.02	528327.5598	1623861.506	10000	340.71	1°57'07.56"	Left	NC	50
	PI	357+75.39	528181.5085	1623949.226						
	CC		533476.3584	1632434.13						
	PT	359+45.73	528038.53	1624041.87						
Tangent	PT	359+45.73	528038.53	1624041.87						
	PC	361+19.66	527892.5626	1624136.451						
Randolph Curve #53	PC	361+19.66	527892.5626	1624136.451	675	297.37	25°14'30.03"	Right	0.08	45
	PI	362+70.80	527765.7236	1624218.637						
	CC		527525.5092	1623569.973						
	PT	364+17.03	527615.9481	1624238.887						
Tangent	PT	364+17.03	527615.9481	1624238.887						
	PC	365+59.32	527474.9406	1624257.952						
Randolph Curve #54	PC	365+59.32	527474.9406	1624257.952	1500	177.58	6°46'58.71"	Left	0.062	50
	PI	366+48.22	527386.8494	1624269.862						
	CC		527675.9161	1625744.427						
	PT	367+36.90	527300.7813	1624292.093						
Tangent	PT	367+36.90	527300.7813	1624292.093						
	PC	368+95.28	527147.437	1624331.701						
Randolph Curve #55	PC	368+95.28	527147.437	1624331.701	1750	348.19	11°23'59.73"	Left	0.056	50
	PI	370+69.95	526978.3155	1624375.385						
	CC		527585.0942	1626026.091						
	PCC	372+43.47	526821.1649	1624451.635						
Randolph Curve #55	PCC	372+43.47	526821.1649	1624451.635	4300	140.6	1°52'24.27"	Left	0.027	50
	PI	373+13.77	526757.9122	1624482.325						
	CC		528698.2483	1628320.298						
	PT	373+84.07	526695.6965	1624515.067						
Tangent	PT	373+84.07	526695.6965	1624515.067						
	PC	376+50.07	526460.3022	1624638.946						

Element	Point Type	Station	Northing	Easting	Radius	Length	Delta / Theta	Direction	Maximum Banking	Design Speed
Randolph Curve #56	PC	376+50.07	526460.3022	1624638.946	800	162.7	11°39'08.46"	Right	0.079	50
	PI	377+31.70	526388.0644	1624676.962						
	CC		526087.7344	1623930.996						
	PCC	378+12.77	526309.6373	1624699.605						
Randolph Curve #56	PCC	378+12.77	526309.6373	1624699.605	1150	159.75	7°57'32.74"	Right	0.071	50
	PI	378+92.77	526232.7732	1624721.796						
	CC		525990.6519	1623594.73						
	PT	379+72.51	526153.5768	1624733.13						
Tangent	PT	379+72.51	526153.5768	1624733.13						
	PC	380+88.61	526038.6518	1624749.578						
Randolph Curve #57	PC	380+88.61	526038.6518	1624749.578	12000	100.41	0°28'45.93"	Left	NC	50
	PI	381+38.82	525988.9527	1624756.691						
	CC		527738.7384	1636628.539						
	PT	381+89.02	525939.3148	1624764.219						
Tangent	PT	381+89.02	525939.3148	1624764.219						
	PC	384+76.71	525654.8779	1624807.359						
Randolph Curve #58	PC	384+76.71	525654.8779	1624807.359	4065	204.99	2°53'21.41"	Left	RC	35
	PI	385+79.23	525553.5216	1624822.732						
	CC		526264.4327	1623826.397						
	PCC	386+81.70	525453.0689	1624843.193						
Randolph Curve #58	PCC	386+81.70	525453.0689	1624843.193	405	106.22	15°01'35.65"	Left	0.077	35
	PI	387+35.11	525400.7289	1624853.855						
	CC		525533.9059	1625240.044						
	PCC	387+87.91	525352.9428	1624877.722						
Randolph Curve #58	PCC	387+87.91	525352.9428	1624877.722	350	217.01	35°31'30.21"	Left	0.079	35
	PI	389+00.04	525252.6375	1624927.82						
	CC		525509.3306	1625190.84						
	PCC	390+04.93	525200.1126	1625026.876						
Randolph Curve #58	PCC	390+04.93	525200.1126	1625026.876	895	112.98	7°13'58.28"	Left	0.053	35
	PI	390+61.49	525173.6131	1625076.851						
	CC		525990.8273	1625446.155						
	PT	391+17.91	525153.6164	1625129.765						
Tangent	PT	391+17.91	525153.6164	1625129.765						
	PC	395+83.92	524988.8758	1625565.69						
Randolph Curve #59	PC	395+83.92	524988.8758	1625565.69	1049	276.23	15°05'15.91"	Left	0.048	35
	PI	397+22.84	524939.766	1625695.641						
	CC		525970.143	1625936.521						
	PCC	398+60.16	524926.1751	1625833.895						
Randolph Curve #59	PCC	398+60.16	524926.1751	1625833.895	840	224.94	15°20'35.17"	Left	0.055	35
	PI	399+73.30	524915.1056	1625946.5						
	CC		525762.1456	1625916.074						
	PT	400+85.10	524934.2258	1626058.021						
Tangent	PT	400+85.10	524934.2258	1626058.021						
	POE	401+56.22	524946.2449	1626128.123						

Element	Point Type	Station	Northing	Easting	Radius	Length	Delta / Theta	Rotation Direction	Maximum Banking	Design Speed
Tangent	POB	500+00.00	528201.4906	1611868.507						
	PC	500+27.90	528215.3997	1611844.325						
	PC	500+27.90	528215.3997	1611844.325						
TH#1 Curve#100	PC	500+27.90	528215.3997	1611844.325	75	58.9	45°00'00.00"	Right	N/A	Intersection
	PI	500+58.96	528230.8887	1611817.396						
	CC		528280.4128	1611881.719						
	PCC	500+86.80	528260.883	1611809.306						
TH#1 Curve#100	PCC	500+86.80	528260.883	1611809.306	225	30.02	7°38'42.78"	Right	N/A	Intersection
	PI	501+01.84	528275.398	1611805.391						
	CC		528319.4723	1612026.544						
	PT	501+16.82	528290.3049	1611803.442						
Tangent	PT	501+16.82	528290.3049	1611803.442						
	POE	505+52.91	528722.712	1611746.911						

Element	Point Type	Station	Northing	Easting	Radius	Length	Delta / Theta	Rotation Direction	Maximum Banking	Design Speed
Tangent	POB	600+00.00	526666.0688	1608958.312						
	PC	600+71.57	526736.2458	1608944.274						
	PC	600+71.57	526736.2458	1608944.274						
TH#46 Curve#110	PC	600+71.57	526736.2458	1608944.274	1000	117.54	6°44'05.17"	Left	N/A	Intersection
	PI	601+30.41	526793.9426	1608932.733						
	CC		526540.105	1607963.699						
	PT	601+89.11	526849.8878	1608914.506						
Tangent	PT	601+89.11	526849.8878	1608914.506						
	POE	607+00.00	527335.6448	1608756.241						

PC - POINT OF CURVATURE
PCC - POINT OF COMPOUND CURVE
PT - POINT OF TANGENCY
PI - POINT OF INTERSECTION
CC - RADIUS POINT

PROJECT NAME: RANDOLPH
PROJECT NUMBER: STP 2932(I)
FILE NAME: z10c270.dgn PLOT DATE: 6/5/2014
PROJECT LEADER: C.LATHROP DRAWN BY: J.GOODALL
DESIGNED BY: B.BRESLEND CHECKED BY: C.LATHROP
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