

Element	Point Type	Station	Northing	Easting	Radius	Length	Delta / Theta	Rotation Direction	Maximum Banking	Design Speed
Tangent	POB	0+00.00	549843.1886	1548791.191						
	PC	4+04.11	550238.9559	1548872.881						
Arc	PC	4+04.11	550238.9559	1548872.881	1150	155.29	7°44'13.21"	Left		
	PI	4+81.87	550315.1144	1548888.601						
	CC		550471.4279	1547746.623						
	PCC	5+59.40	550392.696	1548893.925						
Arc	PCC	5+59.40	550392.696	1548893.925	500	218.89	25°05'00.05"	Left		
	PI	6+70.63	550503.6639	1548901.54						
	CC		550426.9272	1548395.098						
	PCC	7+78.30	550607.395	1548861.394						
Arc	PCC	7+78.30	550607.395	1548861.394	750	197.7	15°06'11.52"	Left		
	PI	8+77.72	550700.1194	1548825.507						
	CC		550336.6934	1548161.951						
	PT	9+76.00	550780.2903	1548766.7						
Tangent	PT	9+76.00	550780.2903	1548766.7						
	PC	12+44.72	550996.9676	1548607.762						
Arc	PC	12+44.72	550996.9676	1548607.762	650	266.48	23°29'22.20"	Left		
	PI	13+79.85	551105.9338	1548527.833						
	CC		550612.517	1548083.646						
	PT	15+11.20	551174.0121	1548411.096						
Tangent	PT	15+11.20	551174.0121	1548411.096						
	PC	16+26.20	551231.9492	1548311.748						
Arc	PC	16+26.20	551231.9492	1548311.748	460	337.69	42°03'39.44"	Right		
	PI	18+03.06	551321.0448	1548158.971						
	CC		551629.315	1548543.482						
	PT	19+63.89	551489.5408	1548105.232						
Tangent	PT	19+63.89	551489.5408	1548105.232						
	PC	24+23.63	551927.5401	1547965.537						
Arc	PC	24+23.63	551927.5401	1547965.537	1155	1041.64	51°40'20.96"	Right		
	PI	29+82.88	552460.3479	1547795.605						
	CC		552278.4948	1549065.926						
	PT	34+65.27	552924.0798	1548108.197						
Tangent	PT	34+65.27	552924.0798	1548108.197						
	PC	38+94.33	553279.8568	1548348.019						
Arc	PC	38+94.33	553279.8568	1548348.019	1900	285.03	8°35'43.44"	Left		
	PI	40+37.11	553398.2545	1548427.828						
	CC		554341.8582	1546772.534						
	PT	41+79.36	553527.2504	1548489.046						
Tangent	PT	41+79.36	553527.2504	1548489.046						
	PC	42+50.60	553591.6048	1548519.587						
Arc	PC	42+50.60	553591.6048	1548519.587	800	104.88	7°30'41.16"	Right		
	PI	43+03.11	553639.0482	1548542.102						
	CC		553248.612	1549242.329						
	PCC	43+55.48	553683.1412	1548570.626						
Arc	PCC	43+55.48	553683.1412	1548570.626	625	164.26	15°03'30.22"	Right		
	PI	44+38.08	553752.5003	1548615.495						
	CC		553343.6653	1549095.394						
	PCC	45+19.74	553807.8206	1548676.843						

Element	Point Type	Station	Northing	Easting	Radius	Length	Delta / Theta	Rotation Direction	Maximum Banking	Design Speed
Arc	PCC	45+19.74	553807.8206	1548676.843	999.98	200.19	11°28'12.28"	Right		
	PI	46+20.17	553875.0758	1548751.426						
	CC		553065.1891	1549346.509						
	PT	47+19.92	553926.1565	1548837.894						
Tangent	PT	47+19.92	553926.1565	1548837.894						
	PC	54+26.35	554285.4643	1549446.119						
Arc	PC	54+26.35	554285.4643	1549446.119	1600	282.37	10°06'41.71"	Left		
	PI	55+67.90	554357.4614	1549567.993						
	CC		555663.0436	1548632.315						
	PT	57+08.72	554449.7373	1549675.334						
Tangent	PT	57+08.72	554449.7373	1549675.334						
	PC	59+62.42	554615.123	1549867.721						
Arc	PC	59+62.42	554615.123	1549867.721	775	166.43	12°18'14.30"	Right		
	PI	60+45.96	554669.5783	1549931.067						
	CC		554027.4277	1550372.934						
	PCC	61+28.85	554709.2839	1550004.562						
Arc	PCC	61+28.85	554709.2839	1550004.562	400	139.98	20°03'00.33"	Right		
	PI	61+99.56	554742.8941	1550066.775						
	CC		554357.3581	1550194.689						
	PCC	62+68.83	554753.1382	1550136.74						
Arc	PCC	62+68.83	554753.1382	1550136.74	535	173.62	18°35'39.26"	Right		
	PI	63+56.41	554765.8265	1550223.398						
	CC		554223.7823	1550214.247						
	PT	64+42.45	554750.2203	1550309.579						
Tangent	PT	64+42.45	554750.2203	1550309.579						
	PC	65+45.44	554731.8686	1550410.92						
Arc	PC	65+45.44	554731.8686	1550410.92	550	156.03	16°15'15.07"	Left		
	PI	66+23.98	554717.8733	1550488.205						
	CC		555273.0666	1550508.924						
	PCC	67+01.47	554726.0694	1550566.318						
Arc	PCC	67+01.47	554726.0694	1550566.318	450	122.73	15°37'35.91"	Left		
	PI	67+63.22	554732.5131	1550627.73						
	CC		555173.6125	1550519.36						
	PCC	68+24.20	554755.2609	1550685.136						
Arc	PCC	68+24.20	554755.2609	1550685.136	350	53.24	8°42'57.21"	Left		
	PI	68+50.87	554765.0869	1550709.933						
	CC		555080.6455	1550556.199						
	PCC	68+77.44	554778.557	1550732.954						
Arc	PCC	68+77.44	554778.557	1550732.954	799.99	152.78	10°56'31.80"	Left		
	PI	69+54.06	554817.2529	1550799.088						
	CC		555469.0389	1550328.945						
	PT	70+30.22	554867.7988	1550856.675						
Tangent	PT	70+30.22	554867.7988	1550856.675						
	POE	71+31.82	554934.8177	1550933.029						

NOT TO SCALE

PROJECT NAME: GRANVILLE	
PROJECT NUMBER: ER STP 013-4 (40)	
FILE NAME: z12b520.dgn	PLOT DATE: 7/8/2015
PROJECT LEADER: J. TUCKER	DRAWN BY: B. BRESLEND
DESIGNED BY: B. BRESLEND	CHECKED BY: A. SANZ
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