

HORIZONTAL CURVE DATA TABLE																
IP (Num)	COORDINATE		Cum. Dist. (m)	WCB (deg)	Def. Angle (deg)	Tangent Length (m)	Spiral Curve Data		Simple Curve Data			CHAINAGE				
	X (m)	Y (m)					Length (m)	Shift (m)	Radius (m)	Apex Dist (m)	Length of Curve (m)	BC of Spiral Curve (m)	BC of Simple Curve (m)	MC (m)	EC of Simple Curve (m)	EC of Spiral Curve (m)
1	355487.22	3067447.759	0	100.722	0	0	0	0	0	0	0	0+000	0+000	0+000	0+000	0+000
2	355515.936	3067442.322	29.226	72.89727	27.8247	14.367	0	0	58	1.753	28.167	0+014.859	0+014.859	0+028.943	0+043.026	0+043.026
3	355549.069	3067452.517	63.893	89.13438	16.23711	18.259	0	0	128	1.296	36.274	0+045.066	0+045.066	0+063.203	0+081.34	0+081.34
4	355607.093	3067453.393	121.923	110.1463	21.01188	18.359	0	0	99	1.688	36.306	0+102.753	0+102.753	0+120.905	0+139.058	0+139.058
5	355658.398	3067434.571	176.571	77.26309	32.88318	20.067	0	0	68	2.899	39.027	0+155.28	0+155.28	0+174.794	0+194.307	0+194.307
6	355704.712	3067445.04	224.054	47.07003	30.19306	15.106	0	0	56	2.002	29.51	0+206.616	0+206.616	0+221.371	0+236.127	0+236.127
7	355726.632	3067465.43	253.991	76.0694	28.99937	14.741	0	0	57	1.875	28.85	0+236.216	0+236.216	0+250.641	0+265.066	0+265.066
8	355791.71	3067481.572	321.041	58.92164	17.14776	17.338	0	0	115	1.3	34.418	0+300.036	0+300.036	0+317.245	0+334.454	0+334.454
9	355820.508	3067498.93	354.666	142.0178	83.09617	14.18	0	0	16	5.379	23.205	0+336.561	0+336.561	0+348.163	0+359.766	0+359.766
10	355837.842	3067476.73	382.832	44.55927	97.45855	13.673	0	0	12	6.192	20.412	0+360.078	0+360.078	0+370.284	0+380.49	0+380.49
11	355859.761	3067498.989	414.071	306.5568	98.00246	14.955	0	0	13	6.816	22.236	0+383.101	0+383.101	0+394.219	0+405.337	0+405.337
12	355834.783	3067517.509	445.166	272.0257	34.53111	15.54	0	0	50	2.359	30.134	0+405.936	0+405.936	0+421.003	0+436.07	0+436.07
13	355781.939	3067519.379	498.043	304.9859	32.96016	25.442	0	0	86	3.684	49.473	0+447.965	0+447.965	0+472.702	0+497.438	0+497.438
14	355733.078	3067553.574	557.682	335.4952	30.50938	10.636	0	0	39	1.424	20.767	0+520.998	0+520.998	0+531.382	0+541.766	0+541.766
15	355721.789	3067578.339	584.899	275.0291	60.46616	9.907	0	0	17	2.676	17.941	0+548.439	0+548.439	0+557.41	0+566.38	0+566.38
16	355700.55	3067580.208	606.221	310.0303	35.00119	10.405	0	0	33	1.602	20.159	0+567.389	0+567.389	0+577.469	0+587.548	0+587.548
17	355675.062	3067601.618	639.507	275.8416	34.18864	16.607	0	0	54	2.496	32.222	0+593.823	0+593.823	0+609.934	0+626.045	0+626.045
18	355623.578	3067606.885	691.26	287.5928	11.75116	21.199	0	0	206	1.088	42.25	0+639.992	0+639.992	0+661.117	0+682.242	0+682.242
19	355585.388	3067618.995	731.324	273.1507	14.44206	18.372	0	0	145	1.159	36.549	0+682.734	0+682.734	0+701.009	0+719.283	0+719.283
20	355552.298	3067620.816	764.464	336.6042	63.45344	14.22	0	0	23	4.041	25.472	0+719.832	0+719.832	0+732.567	0+745.303	0+745.303
21	355540.828	3067647.325	793.348	300.9161	35.68803	13.842	0	0	43	2.173	26.784	0+746.125	0+746.125	0+759.517	0+772.909	0+772.909
22	355510.753	3067665.336	828.404	264.6266	36.28953	18.68	0	0	57	2.983	36.102	0+775.443	0+775.443	0+793.494	0+811.545	0+811.545
23	355466.689	3067661.192	872.663	2.509951	97.88335	21.812	0	0	19	9.927	32.459	0+815.312	0+815.312	0+831.541	0+847.771	0+847.771
24	355469.77	3067731.484	943.022	284.3892	78.12074	43.011	0	0	53	15.257	72.264	0+853.307	0+853.307	0+889.439	0+925.571	0+925.571
25	355404.152	3067748.318	1010.765	330.7459	46.35666	20.551	0	0	48	4.215	38.836	0+929.752	0+929.752	0+949.17	0+968.587	0+968.587
26	355386.045	3067780.645	1047.817	311.5278	19.21812	13.883	0	0	82	1.167	27.504	0+971.205	0+971.205	0+984.958	0+998.71	0+998.71
27	355362.756	3067801.269	1078.926	295.3941	16.13368	12.897	0	0	91	0.909	25.624	1+003.038	1+003.038	1+015.851	1+028.663	1+028.663
28	355340.922	3067811.634	1103.096	56.18563	120.7916	10.56	0	0	6	6.146	12.649	1+029.375	1+029.375	1+035.699	1+042.024	1+042.024
29	355364.687	3067827.552	1131.699	148.5518	92.36618	11.464	0	0	11	4.888	17.733	1+048.603	1+048.603	1+057.47	1+066.336	1+066.336
30	355378.495	3067804.974	1158.165	131.9606	16.59121	8.603	0	0	59	0.624	17.085	1+072.736	1+072.736	1+081.278	1+089.82	1+089.82
31	355418.428	3067769.068	1211.867	81.07004	50.89056	28.072	0	0	59	6.338	52.404	1+106.847	1+106.847	1+133.049	1+159.251	1+159.251
32	355497.925	3067781.559	1292.339	105.0419	23.97188	23.565	0	0	111	2.474	46.441	1+188.086	1+188.086	1+211.306	1+234.527	1+234.527
33	355546.28	3067768.564	1342.41	143.5556	38.51364	9.782	0	0	28	1.659	18.821	1+251.251	1+251.251	1+260.662	1+270.072	1+270.072
34	355562.388	3067746.752	1369.525	151.4932	7.937602	11.101	0	0	160	0.385	22.166	1+276.305	1+276.305	1+287.388	1+298.471	1+298.471
35	355576.129	3067721.452	1398.316	60.69779	90.79537	16.224	0	0	16	6.786	25.355	1+299.937	1+299.937	1+312.615	1+325.292	1+325.292
36	355605.879	3067738.149	1432.431	128.3499	67.65207	12.062	0	0	18	3.668	21.254	1+331.122	1+331.122	1+341.749	1+352.376	1+352.376
37	355621.454	3067725.827	1452.291	148.5191	20.16926	5.513	0	0	31	0.486	10.913	1+354.66	1+354.66	1+360.116	1+365.573	1+365.573
38	355635.939	3067702.171	1480.029	50.55798	97.96114	17.244	0	0	15	7.855	25.646	1+370.554	1+370.554	1+383.377	1+396.2	1+396.2
39	355651.482	3067714.957	1500.155	45.87468	4.683306	1.799	0	0	44	0.037	3.597	1+397.283	1+397.283	1+399.081	1+400.88	1+400.88
40	355673.797	3067736.601	1531.243	69.32435	23.44967	12.037	0	0	58	1.236	23.738	1+418.131	1+418.131	1+430	1+441.869	1+441.869
41	355712.89	3067751.354	1573.027	107.6537	38.32936	17.725	0	0	51	2.992	34.118	1+453.891	1+453.891	1+470.949	1+488.008	1+488.008
42	355754.502	3067738.111	1616.695	163.4334	55.77967	24.345	0	0	46	6.045	44.783	1+489.606	1+489.606	1+511.998	1+534.389	1+534.389
43	355767.738	3067693.618	1663.116	58.68127	104.7521	19.461	0	0	15	9.571	27.424	1+537.003	1+537.003	1+550.715	1+564.427	1+564.427
44	355785.293	3067704.3	1683.666	61.1645	2.483227	0.542	0	0	25	0.006	1.084	1+564.974	1+564.974	1+565.516	1+566.058	1+566.058
45	355798.802	3067711.737	1699.087	109.4983	48.33382	6.731	0	0	15	1.441	12.654	1+574.206	1+574.206	1+580.533	1+586.86	1+586.86
46	355850.897	3067693.291	1754.351	87.64717	21.85115	18.338	0	0	95	1.754	36.231	1+617.055	1+617.055	1+635.17	1+653.286	1+653.286

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	X (m)	Y (m)					Length (m)	Shift (m)	Radius (m)	Apex Dist (m)	Length of Curve (m)	BC of Spiral Curve (m)	BC of Simple Curve (m)	MC (m)	EC of Simple Curve (m)	EC of Spiral Curve (m)
47	355886.081	3067694.737	1789.564	53.87056	33.77661	8.804	0	0	29	1.307	17.096	1+661.357	1+661.357	1+669.904	1+678.452	1+678.452
48	355916.439	3067716.898	1827.15	122.8632	68.99262	17.18	0	0	25	5.334	30.104	1+690.054	1+690.054	1+705.106	1+720.158	1+720.158
49	355950.743	3067694.737	1867.99	95.0737	27.78947	14.595	0	0	59	1.778	28.616	1+729.223	1+729.223	1+743.531	1+757.839	1+757.839
50	355983.226	3067691.853	1900.601	148.121	53.0473	15.472	0	0	31	3.647	28.701	1+760.382	1+760.382	1+774.733	1+789.084	1+789.084
51	356012.346	3067645.031	1955.739	112.724	35.39699	22.019	0	0	69	3.428	42.628	1+806.731	1+806.731	1+828.045	1+849.359	1+849.359
52	356051.682	3067628.557	1998.386	165.4476	52.72357	17.345	0	0	35	4.062	32.207	1+852.642	1+852.642	1+868.746	1+884.849	1+884.849
53	356060.41	3067594.936	2033.122	115.7389	49.7087	16.213	0	0	35	3.573	30.365	1+886.027	1+886.027	1+901.21	1+916.393	1+916.393
54	356090.576	3067580.393	2066.61	163.6179	47.87904	15.983	0	0	36	3.388	30.083	1+917.685	1+917.685	1+932.727	1+947.769	1+947.769
55	356100.81	3067545.578	2102.899	73.97608	89.64185	14.907	0	0	15	6.147	23.468	1+953.168	1+953.168	1+964.902	1+976.636	1+976.636
56	356125.055	3067552.541	2128.124	113.0828	39.10677	9.945	0	0	28	1.714	19.111	1+977.01	1+977.01	1+986.566	1+996.121	1+996.121
57	356147.385	3067543.024	2152.396	164.6721	51.58924	14.016	0	0	29	3.209	26.112	1+996.434	1+996.434	2+009.489	2+022.545	2+022.545
58	356156.264	3067510.628	2185.988	182.7961	18.12397	9.889	0	0	62	0.784	19.612	2+032.232	2+032.232	2+042.038	2+051.844	2+051.844
59	356155.126	3067487.318	2209.325	125.0297	57.76636	12.136	0	0	22	3.125	22.181	2+053.157	2+053.157	2+064.247	2+075.338	2+075.338
60	356186.091	3067465.612	2247.14	167.9609	42.93119	15.729	0	0	40	2.981	29.972	2+085.288	2+085.288	2+100.274	2+115.259	2+115.259
61	356192.921	3067433.585	2279.888	111.026	56.93486	16.267	0	0	30	4.126	29.811	2+116.012	2+116.012	2+130.917	2+145.823	2+145.823
62	356237.891	3067416.299	2328.065	60.77759	50.24844	16.413	0	0	35	3.657	30.695	2+161.32	2+161.32	2+176.668	2+192.015	2+192.015
63	356260.923	3067429.183	2354.456	57.26477	3.512814	3.68	0	0	120	0.056	7.357	2+198.313	2+198.313	2+201.991	2+205.67	2+205.67
64	356299.173	3067453.773	2399.928	86.90594	29.64117	18.786	0	0	71	2.443	36.731	2+228.677	2+228.677	2+247.042	2+265.407	2+265.407
65	356327.254	3067455.291	2428.05	105.6422	18.7363	8.249	0	0	50	0.676	16.351	2+266.494	2+266.494	2+274.669	2+282.845	2+282.845
66	356353.817	3067447.853	2455.635	75.4917	30.15054	16.161	0	0	60	2.138	31.574	2+286.019	2+286.019	2+301.806	2+317.593	2+317.593
67	356407.27	3067461.685	2510.848	73.6896	1.802101	0	0	0	0	0	0	2+356.645	2+356.645	2+356.645	2+356.645	2+356.645
68	356457.261	3067476.313	2562.936	91.08092	17.39132	12.236	0	0	80	0.93	24.283	2+396.496	2+396.496	2+408.638	2+420.779	2+420.779
69	356489.44	3067475.706	2595.121	0	0	0	0	0	0	0	0	2+440.729	2+440.729	2+440.729	2+440.729	2+440.729