

CUADRO DE CONSTRUCCION					
LADO	EST	PV	RUMBO	DISTANCIA	COORDENADAS
				V	Y X
				1	2,543,466.645 413,815,0619
	1	2	N 72°48'25.3" E	57.542	2,543,483,625 413,870,0330
	2	3	N 73°22'17.58" E	73.875	2,543,504,730 413,940,8190
	3	5	N 67°40'28.30" E CENTRO DE CURVA DELTA = 02'28.14" RADIO = 975.280	34.778	2,543,518,004 413,972,9900 2,544,414,359 413,586,1085 LONC. CURVA = 34.780 SUB.TAN. = 7.392
	5	7	N 52°13'48.74" E CENTRO DE CURVA DELTA = 26°15'23.6" RADIO = 163.950	74.477	2,543,563,620 414,031,8625 2,543,667,028 413,904,6323 LONC. CURVA = 74.133 SUB.TAN. = 8.236
	7	8	N 36°35'29.35" E	30.046	2,543,587,746 414,049,7731
	8	9	N 36°35'29.35" E	30.046	2,543,611,8687 414,067,6836
	9	10	N 34°23'07.54" E	58.578	2,543,660,2103 414,100,7658
	10	11	N 35°44'24.92" E	1,000.000	2,544,471,8837 414,684,8774
	11	12	N 36°19'24.15" E	70.833	2,544,528,7920 414,726,7165
	12	14	N 31°37'56.56" E CENTRO DE CURVA DELTA = 11°08'26.8" SUB.TAN. = 4.2425	84.428	2,544,600,6766 414,770,9962 2,544,785,7400 414,390,0711 LONC. CURVA = 84.468
	14	15	N 24°00'30.53" E	850.435	2,545,377,5366 415,117,0144
	15	16	N 23°43'27.51" E	114.363	2,545,482,2350 415,163,0268
	16	17	N 23°59'08.92" E	383.839	2,545,832,9285 415,319,0615
	17	18	N 25°02'50.17" E	137.316	2,545,957,3315 415,377,1986
	18	19	N 23°27'30.37" E	200.906	2,546,141,6325 415,457,1740
	19	20	N 23°54'36.67" E	177.744	2,546,304,1230 415,529,2135
	20	21	N 23°28'13.35" E	100.194	2,546,396,0278 415,569,1184
	21	22	N 23°28'13.35" E	56.507	2,546,447,8998 415,591,6237
	22	24	N 28°48'46.70" E CENTRO DE CURVA DELTA = 06°18'16.4" RADIO = 538.762	58.940	2,546,499,5030 415,620,0300 2,546,614,4127 416,077,1822 LONC. CURVA = 58.970 SUB.TAN. = 29.514
	24	25	N 35°04'15.45" E	39.314	2,546,531,6791 415,642,8194
	25	26	N 34°36'59.13" E	154.235	2,546,658,8106 415,730,2373
	26	28	N 35°08'36.50" E CENTRO DE CURVA DELTA = 01°14'37" RADIO = 1,365.398	25.671	2,546,679,6023 415,745,0143 2,545,865,9143 416,878,6115 LONC. CURVA = 25.672
	28	29	N 35°39'24.43" E	116.491	2,546,774,2542 415,812,9204
	29	30	N 35°04'15.45" E	380.469	2,547,085,6460 416,031,5345
	30	31	N 35°04'15.45" E	127.870	2,547,190,3004 416,105,0076
	31	32	N 35°03'34.42" E	54.890	2,547,234,7255 416,137,2460
	32	34	N 68°47'20.80" E CENTRO DE CURVA DELTA = 82°32'26.50" RADIO = 290.159	301.230	2,547,343,7110 416,418,0691 2,547,058,0124 416,367,3870 LONC. CURVA = 31.6721 SUB.TAN. = 76.214
	34	36	N 79°17'55.14" E CENTRO DE CURVA DELTA = 02°47'37" RADIO = 2,841,393	138.091	2,547,318,0690 416,553,7880 2,550,122,0423 417,013,3753 LONC. CURVA = 138.104 SUB.TAN. = 69.666
	36	37	N 80°43'27.30" E	262.440	2,547,275,7673 416,812,7668
	37	38	N 80°34'22.68" E	248.316	2,547,230,0952 417,057,7296
	38	40	N 83°53'09.18" E CENTRO DE CURVA DELTA = 07°18'34.10" RADIO = 457.224	73.943	2,547,227,2195 417,131,2524 2,547,684,2916 417,143,0300 LONC. CURVA = 74.024 SUB.TAN. = 10.993
	40	41	N 89°07'27.52" E	17.045	2,547,228,9590 417,148,2956
	41	43	N 83°15'38.01" E CENTRO DE CURVA DELTA = 15°22'37.2" RADIO = 375.072	100.360	2,547,238,7367 417,247,9619 2,547,681,9795 417,154,5081 LONC. CURVA = 100.662 SUB.TAN. = 50.635
	43	44	N 71°48'51.64" E	267.196	2,547,322,1279 417,501,8119
	44	45	N 71°33'44.00" E	270.345	2,547,407,6312 417,758,2797
	45	46	N 72°37'32.03" E	84.024	2,547,432,7220 417,838,4699
	46	48	N 75°02'49.84" E CENTRO DE CURVA DELTA = 05°28'7.7" RADIO = 404.307	36.288	2,547,442,0799 417,873,5094 2,547,047,1773 417,960,2054 LONC. CURVA = 34.280 SUB.TAN. = 8.152
	48	50	N 83°41'43.23" E CENTRO DE CURVA DELTA = 36°32'0.7" RADIO = 84.047	52.096	2,547,436,3990 417,925,2900 2,547,399,7942 417,890,6245 LONC. CURVA = 52.968 SUB.TAN. = 27.397
	50	51	N 83°01'43.46" E	12.340	2,547,430,7580 417,936,2963
	51	53	N 72°16'12.07" E CENTRO DE CURVA DELTA = 21°31'4.27" RADIO = 108.481	39.839	2,547,419,3475 417,974,2572 2,547,527,1937 417,985,9787 LONC. CURVA = 39.863 SUB.TAN. = 10.459
	53	55	N 85°34'50.28" E CENTRO DE CURVA DELTA = 02°15'23.6" RADIO = 1,604,115	63.173	2,547,414,4797 418,037,2420 2,549,015,9495 418,129,3324 LONC. CURVA = 63.177
	55	57	N 84°48'48.86" E CENTRO DE CURVA DELTA = 09°26'5.2" RADIO = 315.090	50.215	2,547,409,8241 418,087,2404 2,547,099,4167 418,033,1210 LONC. CURVA = 50.288 SUB.TAN. = 18.197
	57	58	N 81°38'48.25" E	12.322	2,547,408,0430 418,099,4320
	58	59	N 82°48'50.39" E	273.979	2,547,373,7617 418,371,2589
	59	61	N 86°12'12.80" E CENTRO DE CURVA DELTA = 08°16'2.44" RADIO = 416.448	60.089	2,547,369,7831 418,431,2157 2,547,786,2241 418,428,7391 LONC. CURVA = 60.141 SUB.TAN. = 10.123
	61	63	N 89°08'13.10" E CENTRO DE CURVA DELTA = 01°12'3.40" RADIO = 8,913,406	195.468	2,547,366,8390 418,626,6611 2,538,466,4521 418,394,6916 LONC. CURVA = 195.472 SUB.TAN. = 97.740
	63	65	N 78°02'19.52" E CENTRO DE CURVA DELTA = 21°44.012" RADIO = 164.976	60.349	2,547,354,3316 418,685,7001 2,547,201,9137 418,622,5661 LONC. CURVA = 60.691 SUB.TAN. = 10.692
	65	66	N 67°26'29.09" E	90.729	2,547,319,5255 418,769,4870
	66	67	N 68°57'33.60" E	64.076	2,547,296,5201 418,829,2911
	67	69	N 68°23'05.49" E CENTRO DE CURVA DELTA = 02°17'49.86" RADIO = 997.375	39.985	2,547,281,7907 418,866,4648 2,546,362,1027 418,480,5484 LONC. CURVA = 39.988 SUB.TAN. = 9.997
	69	70	N 67°48'38.67" E	45.752	2,547,284,5115 418,908,8287
	70	72	N 67°17'55.45" E CENTRO DE CURVA DELTA = 01°51'22.34" RADIO = 946.598	30.666	2,547,252,6741 418,937,1175 2,546,365,4779 418,557,6190 LONC. CURVA = 30.667 SUB.TAN. = 5.335
	72	73	N 68°55'29.89" E	96.734	2,547,214,7608 419,028,1118
	73	74	N 67°31'58.98" E	208.906	2,547,134,9486 419,210,5114
	74	75	N 67°42'19.20" E	472.442	2,546,955,1161 419,658,1984
	75	76	N 67°41'32.72" E	144.295	2,546,900,9447 419,789,6826
	76	78	N 82°35'11.34" E CENTRO DE CURVA DELTA = 39°13'2.80" RADIO = 159.586	106.598	2,546,901,7140 419,866,2760 2,547,051,2720 419,841,8938 LONC. CURVA = 106.685 SUB.TAN. = 56.546
	78	79	N 69°02'47.29" E	42.051	2,546,916,7520 419,935,5465
	79	81	N 87°20'52.14" E CENTRO DE CURVA DELTA = 30°49'22.20" RADIO = 106.598	56.650	2,546,919,3734 419,992,1360 2,546,815,4191 419,968,5960 LONC. CURVA = 51.339 SUB.TAN. = 26.982
	81	82	N 75°51'12.54" E	215.022	2,546,866,8214 420,200,6376
	82	84	N 77°40'44.71" E CENTRO DE CURVA DELTA = 47°04.217" RADIO = 61.425	48.988	2,546,877,2748 420,248,4971 2,546,827,0813 420,212,5471 LONC. CURVA = 48.989 SUB.TAN. = 26.709
	84	85	N 49°09'37.25" E	55.178	2,546,913,3580 420,280,2415
	85	87	N 68°47'40.54" E CENTRO DE CURVA DELTA = 33°55'16.6" RADIO = 154.436	90.103	2,546,945,9492 420,374,2432 2,546,791,9366 420,385,6742 LONC. CURVA = 91.432 SUB.TAN. = 47.100
	87	88	N 86°42'09.58" E	60.071	2,546,949,4044 420,434,2146
	88	90	N 81°01'55.56" E CENTRO DE CURVA DELTA = 28°18'1.16" RADIO = 87.895	39.944	2,546,943,1740 420,473,6700 2,546,861,7413 420,440,5914 LONC. CURVA = 40.299 SUB.TAN. = 20.509
	90	91	N 67°00'14.59" E	41.228	2,546,927,0675 420,511,6220

LONGITUD = 14,475.777 m

90	91	S 67°00'14.59" E	41.228	91	2,546,927,0675	420,511,6220
91	93	S 85°00'35.46" E CENTRO DE CURVA DELTA = 23°2'8.84" RADIO = 83.680	37.844	93	2,546,923,7670	420,549,4220 420,538,5018
93	95	N 72°19'40.95" E CENTRO DE CURVA DELTA = 04°50'0.03" RADIO = 154.297	65.258	95	2,546,943,5770	420,611,6000 420,534,7307 LONC. CURVA = 65.754 SUB.TAN. = 33.384
95	96	N 60°38'04.49" E	44.780	96	2,546,965,5360	420,650,6260
96	97	N 63°17'37.95" E	21.524	97	2,546,975,2090	420,686,8535
97	99	N 77°30'19.25" E CENTRO DE CURVA DELTA = 02°57'71.77" RADIO = 229.907	107.170	99	2,546,998,3950	420,774,4850 420,770,5393 LONC. CURVA = 108.184 SUB.TAN. = 55.102
99	100	S 88°34'34.31" E	196.901	100	2,546,993,5025	420,971,3255
100	102	S 82°24'34.76" E CENTRO DE CURVA DELTA = 12°44'38.99" RADIO = 235.290	52.227	102	2,546,986,6039	421,023,0949 420,966,3230 LONC. CURVA = 52.335 SUB.TAN. = 26.276
102	103	S 72°07'04.30" E	415.023	103	2,546,859,1670	421,418,0680
103	104	S 72°19'25.66" E	171.324	104	2,546,807,1466	421,581,3034
104	105	S 72°33'33.90" E	485.140	105	2,546,661,7420	422,044,1410
105	106	S 72°18'08.95" E	530.692	106	2,546,500,1220	422,548,6236
106	108	N 88°28'46.37" E CENTRO DE CURVA DELTA = 38°46'55.72" RADIO = 167.197	111.010	108	2,546,503,0875	422,660,5945 422,600,9248 LONC. CURVA = 111.010 SUB.TAN. = 3.158
108	109	N 67°54'36.30" E	171.470	109	2,546,569,8070	422,825,0370
109	110	N 67°54'36.30" E	208.662	110	2,546,648,2769	423,018,3826
110	111	N 69°02'40.40" E	123.423	111	2,546,692,4180	423,133,6420
111	113	N 62°46'21.92" E CENTRO DE CURVA DELTA = 11°44'0.90" RADIO = 513.455	64.800	113	2,546,721,7360	423,190,6220 423,019,4712 LONC. CURVA = 64.192 SUB.TAN. = 32.209
113	114	N 56°29'58.19" E	101.646	114	2,546,777,8470	423,276,3770
114	116	N 57°41'58.22" E CENTRO DE CURVA DELTA = 03°39'59.6" RADIO = 1,005,478	64.333	116	2,546,812,2240	423,329,7550 423,839,5768 LONC. CURVA = 64.344 SUB.TAN. = 32.183
116	118	N 60°42'01.87" E CENTRO DE CURVA DELTA = 01°21'9.17" RADIO = 10,278.126	242.624	118	2,546,930,9580	423,541,3410 428,465,0524 LONC. CURVA = 242.630 SUB.TAN. = 21.320
118	120	N 63°30'28.64" E CENTRO DE CURVA DELTA = 09°19'32.98" RADIO = 362.622	33.694	120	2,546,945,9880	423,571,4970 423,718,0004 LONC. CURVA = 33.706 SUB.TAN. = 16.885
120	121	N 65°49'01.02" E	21.919	121	2,546,954,9670	423,591,4920
121	123	N 58°10'04.64" E CENTRO DE CURVA DELTA = 18°17'50.77" RADIO = 211.244	56.235	123	2,546,984,6270	423,639,2690 423,504,9552 LONC. CURVA = 56.402 SUB.TAN. = 28.370
123	125	N 52°34'05.65" E CENTRO DE CURVA DELTA = 03°37'43.77" RADIO = 10,254,285	112.541	125	2,547,053,0310	423,728,6350 429,916,5659 LONC. CURVA = 124 SUB.TAN. = 12.641
125	127	N 61°37'50.35" E CENTRO DE CURVA DELTA = 10°31'2.98" RADIO = 183.023	33.549	127	2,547,068,9720	423,758,1550 423,829,9932 LONC. CURVA = 33.598 SUB.TAN. = 16.845
127	129	N 68°44'13.44" E CENTRO DE CURVA DELTA = 01°28'5.51" RADIO = 3,543.275	71.607	129	2,547,094,9400	423,824,8870 428,078,4186 LONC. CURVA = 71.608 SUB.TAN. = 35.805
129	131	N 64°28'36.38" E CENTRO DE CURVA DELTA = 09°22'37.70" RADIO = 852.959	80.020	131	2,547,129,4800	423,897,0780 423,493,6267 LONC. CURVA = 80.049 SUB.TAN. = 40.064
131	132	N 59°37'01.38" E	51.656	132	2,547,155,6340	423,941,6120
132	134	N 71°52'14.62" E CENTRO DE CURVA DELTA = 28°48'2.80" RADIO = 159.083	73.737	134	2,547,178,5780	424,011,6880 424,024,8030 LONC. CURVA = 74.413 SUB.TAN. = 37.003
134	135	N 85°48'31.00" E	72.556	135	2,547,183,8810	424,084,0500
135	137	N 84°51'24.22" E CENTRO DE CURVA DELTA = 03°17'13.12" RADIO = 2,191,670	125.727	137	2,547,195,1520	424,209,2710 424,343,