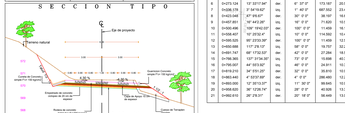
DATOS DE PROYECTO

CAMINO TIPO ARTESANAL

VELOCIDAD DE PROYECTO	ANCHO DE CORONA	ANCHO DE CALZADA
30 km/h	6.00 m.	6.00 m.
CURVATURA MÁXIMA	**PENDIENTE MÁXIMA**	**PENDIENTE GOBERNADORA**
97°55'00"	12.00 %	8.00 %

SECCION TIPO



SECCION EN BALCON

SIMBOLOGIA

- DERECHO DE VIA (20 MTS)
- NOMBRE
- EJE DEL CAMINO
- NOMBRE
- DERECHO DE VIA (20 MTS)
- COORDENADAS
- KILOMETRAJE
- CURVA DE NIVEL ORDINARIA
- CURVA DE NIVEL MAESTRA A CADA 5 MTS.
- REFERENCIA DE TRAZO
- BANCO DE NIVEL
- NUMERO DE CURVA

DATOS DE PROYECTO

CONFORMACION DEL DERECHO CAMINO

CAMINO TIPO " D "
TRAMOS CON% 0 a 100
TERRENO "LOMERIO"
VELOCIDAD DE PROYECTO 30 KM/HR
GRADO DE CURVATURA MAXIMA 60°

PENDIENTE GOBERNADORA 10 %
PENDIENTE MAXIMA 12 %
ANCHO DE CALZADA 6.00 M.
ANCHO DE CORONA 6.00 M.
SOBRELEVACION MAXIMA 10 %

CAMINO: CONSTRUCCION DE CARRETERA SIN NOMBRE CON CONCRETO HIDRAULICO DE SAN SEBASTIAN NOPALERA – ZAPOTLAN

TRAMO: DEL KM 0+000.00 AL KM 13+600.00
SUBTRAMO: DEL KM 1+000.00 AL KM 3+000.00

ORIGEN: 0+000 SAN SEBASTIAN NOPALERA

PLANTA TOPOGRÁFICA

DEL KM. 1+000.00 AL KM. 3+000.00

PROYECTO:

DIRECCION DE PROYECTOS Y CONTROL DE CALIDAD

REVISÓ Y AUTORIZO:

CAMINOS BIENESTAR

JEFE DE DPTO. DE ESTUDIOS TOPOGRAFICOS

DIRECTOR DE PROYECTOS Y CONTROL DE CALIDAD

EL DIRECTOR GENERAL

ORDAZ, Profesional 3802284
ING. JAIRO RAMIREZ REYES

ORDAZ, Profesional
ING. ALVARO PEREZ HERNANDEZ

ING. MOISES SALAZAR MARTINEZ

UCS--CAMEN--PC-126--01/2004 | Escala: 1/1000 | Plano: 1 DE 1

CALCULO DE CURVAS HORIZONTALES

No.	PI	DEFLEXION	SENTIDO	GRADO CURV.	KC	LC	VC	PC	PT
		° ' "		G m s					
1	0+084.700	49° 27'1.97"	izq.	30° 0' 0"	34.121	82.182	0+047.630	0+129.829
2	0+126.168	19° 58'1.89"	izq.	9° 9' 0"	127.324	44.117	2.6.118	0+112.070	0+140.186
3	0+162.033	19° 58'0"	izq.	16° 0' 0"	71.620	28.000	1.4.000	0+148.033	0+176.033
4	0+194.606	9° 56'0.96"	der.	9° 0' 0"	127.324	11.081	22.157	0+183.500	0+205.656
5	0+219.75	13° 19'0.96"	izq.	11° 0' 0"	104.175	24.183	2.9.092	0+207.600	0+231.783
6	0+273.12	13° 33'0.96"	der.	6° 0' 0"	173.187	20.582	2.0.572	0+252.540	0+293.51
7	0+336.18	3° 34'0.96"	izq.	1° 40' 0"	687.552	23.442	2.0.440	0+316.740	0+359.61
8	0+423.05	47° 9'0.96"	der.	30° 0' 0"	38.197	46.865	12.246	0+404.460	0+451.325
9	0+457.85	16° 44'0.96"	izq.	16° 0' 0"	71.620	20.917	1.0.447	0+447.324	0+468.24
10	0+500.50	19° 19'0.96"	der.	100° 0' 0"	11.459	16.163	2.1.866	0+484.33	0+506.20
11	0+558.41	10° 25'0.96"	izq.	10° 0' 0"	114.592	10.455	20.851	0+547.95	0+568.80
12	0+595.53	95° 23'0.96"	der.	100° 0' 0"	11.459	12.592	19.079	0+582.93	0+602.01
13	0+650.69	117° 2'0.96"	izq.	58° 0' 0"	19.757	32.263	40.357	0+618.43	0+658.79
14	0+691.75	68° 13'0.96"	der.	42° 0' 0"	27.284	18.505	32.52	0+673.24	0+705.76
15	0+766.37	137° 31'0.96"	izq.	73° 0' 0"	15.698	37.678	40.393	0+727.97	0+763.65
16	0+795.01	44° 55'0.96"	izq.	46° 0' 0"	24.911	10.3	19.529	0+784.71	0+804.24
17	0+819.21	34° 5'0.96"	der.	32° 0' 0"	35.81	10.98	21.311	0+808.23	0+829.54
18	0+863.44	47° 53'0.96"	der.	4° 0' 0"	286.48	12.24	24.469	0+851.20	0+875.67
19	0+893.00	12° 35'0.96"	izq.	11° 30' 0"	99.645	10.99	21.891	0+882.01	0+903.90
20	0+958.62	36° 12'0.96"	izq.	28° 0' 0"	40.926	25.862	0+945.24	0+971.10	
21	0+992.61	26° 2'0.96"	der.	50° 0' 0"	22.918	21.84	34.899	0+1005.21	0+1040.11
22	1+027.05	87° 14'0.96"	der.	74° 0' 0"	15.485	10.72	17.129	1+037.77	1+054.90
23	1+064.60	26° 27'0.96"	izq.	12° 30' 0"	91.674	21.54	42.321	1+085.38	1+127.70
24	1+099.66	69° 22'0.96"	der.	76° 0' 0"	15.085	10.72	18.749	1+088.94	1+107.69
25	1+122.02	40° 26'0.96"	der.	63° 13'0.96"	29.261	20.45	34.034	1+142.96	1+177.00
26	1+163.83	28° 12'0.96"	izq.	20° 0' 0"	57.296	14.39	28.204	1+149.44	1+177.64
27	1+211.18	11° 29'0.96"	izq.	11° 0' 0"	104.175	10.48	20.88	1+200.70	1+221.58
28	1+233.54	23° 58'0.96"	der.	56.311	11.96	23.562	1+221.58	1+245.14	
29	1+261.60	53° 13'0.96"	izq.	45° 0' 0"	25.465	23.658	1+248.84	1+272.50	
30	1+289.82	47.747.	izq.	12.3	24.085	1+277.52	1+301.61		
31	1+329.44	124° 4'0.96"	izq.	87° 0' 0"	13.171	28.504	1+334.63	1+333.15	
32	1+380.10	58° 53'0.96"	izq.	55° 0' 0"	20.835	11.76	21.416	1+368.34	1+389.76
33	1+412.96	71° 41'0.96"	der.	70° 0' 0"	16.37	13.66	22.77	1+399.30	1+422.07
34	1+449.40	87° 55'0.96"	der.	51° 0' 0"	21.67	34.481	1+427.73	1+462.21	
35	1+497.96	75° 25'0.96"	izq.	49° 0' 0"	23.386	18.08	30.784	1+479.88	1+510.66
36	1+724.15	131° 7'0.96"	der.	46° 30' 0"	24.643	54.24	56.401	1+669.91	1+726.31
37	1+618.35	120° 49'0.96"	izq.	95° 0' 0"	12.062	21.24	25.435	1+597.11	1+622.55
38	1+930.29	28° 45'0.96"	izq.	12° 0' 0"	95.493	12.77	24.027	1+917.52	1+942.53
39	1+783.84	119° 16'0.96"	izq.	108° 0' 0"	10.61	18.11	22.087	1+765.73	1+787.82
40	1+823.27	35° 22'0.96"	der.	23° 0' 0"	49.823	15.89	30.767	1+807.38	1+838.15
41	1+867.24	10° 35'0.96"	der.	8° 0' 0"	143.24	13.28	26.484	1+853.96	1+880.44
42	1+930.29	28° 45'0.96"	izq.	12° 0' 0"	95.493	12.77	24.027	1+917.52	1+942.53
43	1+995.21	4° 15'0.96"	izq.	3° 30' 0"	327.406	12.18	24.35	1+983.03	2+007.38
44	2+048.19	16° 16'0.96"	der.	12° 0' 0"	95.493	13.66	27.13	2+034.53	2+061.66
45	2+096.32	24° 32'0.96"	izq.	20° 0' 0"	57.296	12.46	24.539	2+083.86	2+108.40
46	2+147.35	115° 44'0.96"	der.	63° 35' 0"	18.022	28.7	36.405	2+118.65	2+155.05
47	2+236.59	17° 31'0.96"	izq.	14° 0' 0"	81.851	12.62	25.036	2+223.97	2+249.01
48	2+280.14	14° 41'0.96"	der.	12° 0' 0"	95.493	12.32	24.5	2+267.82	2+292.32
49	2+335.13	75° 5'0.96"	izq.	65° 0' 0"	17.63	13.55	23.104	2+321.58	2+344.68
50	2+546.18	68° 20'0.96"	izq.	52° 0' 0"	22.037	21.41	33.975	2+524.77	2+558.75
51	2+465.89	15° 8'0.96"	der.	12° 0' 0"	95.493	12.39	24.247	2+375.68	2+399.93
52	2+388.07	29° 5'0.96"	der.	24° 0' 0"	47.747	12.39	24.247	2+375.68	2+399.93
53	2+583.61	68° 42'0.96"	izq.	56° 0' 0"	20.493	13.99	24.54	2+569.62	2+594.16
54	2+615.35	21° 57'0.96"	der.	18° 0' 0"	63.662	12.35	24.401	2+603.00	2+627.40
55	2+671.60	68° 27'0.96"	der.	59° 0' 0"	19.422	13.29	23.111	2+658.31	2+681.42
56	2+701.61	11° 21'0.96"	izq.	9° 0' 0"	127.324	12.67	25.253	2+688.94	2+714.19
57	2+739.96	30° 3'0.96"	der.	25° 0' 0"	45.837	12.31	24.053	2+727.65	2+751.70
58	2+692.25	87° 40'0.96"	izq.	80° 0' 0"	14.324	13.75	21.917	2+788.50	2+810.42
59	2+833.57	13° 29'0.96"	der.	11° 0' 0"	104.175	12.53	24.54	2+821.24	2+845.78
60	2+875.93	14° 15'0.96"	izq.	13° 0' 0"	88.148	11.02	21.928	2+864.91	2+886.84
61	2+898.04	12° 38'0.96"	der.	11° 19' 0"	101.185	11.2	22.312	2+886.84	2+909.15
62	2+926.41	13° 54'0.96"	izq.	11° 0' 0"	104.175	12.7	25.275	2+913.71	2+938.98
63	2+954.38	29° 36'0.96"	der.	25° 0' 0"	45.837	12.12	23.69	2+942.26	2+965.95
64	3+009.35	13° 42'0.96"	der.	11° 0' 0"	104.175	12.52	24.925	2+996.83	3+021.76
65	3+064.38	13° 54'0.96"	izq.	11° 0' 0"	104.175	12.7	25.275	3+051.78	3+077.06
66	3+104.70	4° 15'0.96"	izq.	3° 30' 0"	327.406	12.18	24.35	3+092.52	3+116.87
67	3+138.84	16° 16'0.96"	der.	12° 0' 0"	95.493	13.66	27.13	3+124.98	3+152.11
68	3+186.97	24° 32'0.96"	izq.	20° 0' 0"	57.296	12.46	24.539	3+175.51	3+200.05
69	3+237.99	115° 44'0.96"	der.	63° 35' 0"	18.022	28.7	36.405	3+209.29	3+245.69
70	3+327.23	17° 31'0.96"	izq.	14° 0' 0"	81.851	12.62	25.036	3+314.61	3+339.65
71	3+371.78	14° 41'0.96"	der.	12° 0' 0"	95.493	12.32	24.5	3+359.46	3+383.96
72	3+426.77	75° 5'0.96"	izq.	65° 0' 0"	17.63	13.55	23.104	3+413.22	3+436.32
73	3+637.82	68° 20'0.96"	izq.	52° 0' 0"	22.037	21.41	33.975	3+616.41	3+650.39
74	3+556.53	15° 8'0.96"	der.	12° 0' 0"	95.493	12.39	24.247	3+466.32	3+490.57
75	3+479.71	29° 5'0.96"	der.	24° 0' 0"	47.747	12.39	24.247	3+466.32	3+490.57
76	3+674.25	68° 42'0.96"	izq.	56° 0' 0"	20.493	13.99	24.54	3+660.26	3+684.80
77	3+706.00	21° 57'0.96"	der.	18° 0' 0"	63.662	12.35	24.401	3+693.64	3+718.04
78	3+762.25	68° 27'0.96"	der.	59° 0' 0"	19.422	13.29	23.111	3+749.56	3+772.67
79	3+792.26	11° 21'0.96"	izq.	9° 0' 0"	127.324	12.67	25.253	3+779.59	3+804.84
80	3+830.61	30° 3'0.96"	der.	25° 0' 0"	45.837	12.31	24.053	3+818.30	3+842.35
81	3+783.90	87° 40'0.96"	izq.	80° 0' 0"	14.324	13.75	21.917	3+879.15	3+901.07
82	3+924.22	13° 29'0.96"	der.	11° 0' 0"	104.175	12.53	24.54	3+911.89	3+936.43
83	3+966.57	14° 15'0.96"	izq.	13° 0' 0"	88.148	11.02	21.928	3+955.56	3+977.49
84	3+989.68	12° 38'0.96"	der.	11° 19' 0"	101.185	11.2	22.312	3+977.48	4+000.00

CALCULO DE COORDENADAS

No.	PI	COORDENADAS "X"	COORDENADAS "Y"			COORDENADAS PI	
1	0+084.70	630,098.660	1,873,443.543	0+047.63	630,084.188	1,873,406.254	0+129.82	630,050.924	1,873,356.754
2	0+126.16	630,019.611	1,873,516.913	0+112.07	630,033.394	1,873,479.615	0+140.19	630,048.672	1,873,443.543
3	0+162.03	629,991.173	1,873,597.437	0+148.42	629,991.394	1,873,504.829	0+176.39	629,979.592	1,873,089.597
4	0+194.60	629,962.718	1,873,675.228	0+183.50	629,964.422	1,873,594.329	0+205.66	629,962.718	1,873,562.228
5	0+219.75	629,940.222	1,873,552.771	0+207.60	629,939.553	1,873,640.044	0+231.78	629,939.553	1,873,641.738
6	0+273.12	629,872.858	1,873,748.901	0+252.54	629,925.374	1,873,685.060	0+293.51	629,872.858	1,873,748.901
7	0+336.18	629,872.858	1,873,748.901	0+312.74	629,886.065	1,873,777.754	0+359.61	629,872.858	1,873,748.901
8	0+423.05	629,872.858	1,873,748.901	0+404.46	629,886.065	1,873,777.754	0+451.32	629,872.858	1,873,748.901
9	0+457.85	629,872.858	1,873,748.901	0+447.32	629,886.065	1,873,777.754	0+468.24	629,872.858	1,873,748.901
10	0+500.50	629,872.858	1,873,748.901	0+484.33	629,886.065	1,873,777.754	0+506.20	629,872.858	1,873,748.901
11	0+558.41	629,872.858	1,873,748.901	0+547.95	629,886.065	1,873,777.754	0+568.80	629,872.858	1,873,748.901
12	0+595.53	629,872.858	1,873,748.901	0+582.93	629,886.065	1,873,777.754	0+602.01	629,872.858	1,873,748.901
13	0+650.69	629,872.858	1,873,748.901	0+618.43	629,886.065	1,873,777.754	0+658.79	629,872.858	1,873,748.901
14	0+691.75	629,872.858	1,873,748.901	0+673.24	629,886.065	1,873,777.754	0+705.76	629,872.858	1,873,748.901
15	0+766.37	629,872.858	1,873,748.901	0+727.97	629,886.065	1,873,777.754	0+763.65	629,872.858	1,873,748.901
16	0+795.01	629,872.858	1,873,748.901	0+784.71	629,886.065	1,873,777.754	0+804.24	629,872.858	1,873,748.901
17	0+819.21	629,872.858	1,873,748.901	0+808.23	629,886.065	1,873,777.754	0+829.54	629,872.858	1,873,748.901
18	0+863.44	629,872.858	1,873,748.901	0+851.20	629,886.065	1,873,777.754	0+875.67	629,872.858	1,873,748.901
19	0+893.00	629,872.858	1,873,748.901	0+882.01	629,886.065	1,873,777.754	0+903.90	629,872.858	1,873,748.901
20	0+958.62	629,872.858	1,873,748.901	0+945.24	629,886.065	1,873,777.754	0+971.10	629,872.858	1,873,748.901
21	0+992.61	629,872.858	1,873,748.901	1+005.21	629,886.065	1,873,777.754	1+040.11	629,872.858	1,873,748.901
22	1+027.05	629,872.858	1,873,748.901	1+037.77	629,886.065	1,873,777.754	1+054.90	629,872.858	1,873,748.901
23	1+064.60	629,872.858	1,873,748.901	1+085.38	629,886.065	1,873,777.754	1+127.70	629,872.858	1,873,748.901
24	1+099.66	629,872.858	1,873,748.901	1+088.94	629,886.065	1,873,777.754	1+107.69	629,872.858	1,873,748.901
25	1+122.02	629,872.858	1,873,748.901	1+142.96	629,886.065	1,873,777.754	1+177.00	629,872.858	1,873,748.901
26	1+163.83	629,872.858	1,873,748.901	1+149.44	629,886.065	1,873,777.754	1+177.64	629,872.858	1,873,748.901
27	1+211.18	629,872.858	1,873,748.901	1+200.70	629,886.065	1,873,777.754	1+221.58	629,872.858	1,873,748.901
28	1+233.54	629,872.858	1,873,748.901	1+245.14	629,886.065	1,873,777.754	1+221.58	629,872.858	1,873,748.901
29	1+261.60	629,872.858	1,873,748.901	1+272.50	629,886.065	1,873,777.754	1+221.58	629,872.858	1,873,748.901
30	1+289.82	629,872.858	1,873,748.901	1+301.61	629,886.065	1,873,777.754	1+221.58	629,872.858	1,873,748.901
31	1+329.44	629,872.858	1,873,748.901	1+333.15	629,886.065	1,873,777.754	1+221.58	629,872.858	1,873,748.901
32	1+380.10	629,872.858	1,873,748.901	1+389.76	629,886.065	1,873,777.754	1+221.58	629,872.858	1,873,748.901
33	1+412.96	629,872.858	1,873,748.901	1+399.30	629,886.065	1,873,777.754	1+221.58	629,872.858	1,873,748.901
34	1+449.40	629,872.858	1,873,748.901	1+462.21	629,886.065	1,873,777.754	1+221.58	629,872.858	1,873,748.901
35	1+497.96	629,872.858	1,873,748.901	1+510.66	629,886.065	1,873,777.754	1+221.58	629,872.858	1,873,748.901
36	1+724.15	629,872.858	1,873,748.901	1+726.31	629,886.065	1,873,777.754	1+221.58	629,872.858	1,873,748.901
37	1+618.35	629,872.858	1,873,748.901	1+622.55	629,886.065	1,873,777.754	1+221.58	629,872.858	1,873,748.901
38	1+930.29	629,872.858	1,873,748.901	1+942.53	629,886.065	1,873,777.754	1+221.58	629,872.858	1,873,748.901
39	1+783.84	629,872.858	1,873,748.901	1+787.82	629,886.065	1,873,777.754	1+221.58	629,872.858	1,873,748.901
40	1+823.27	629,872.858	1,873,748.901	1+838.15	629,886.065	1,873,777.754	1+221.58	629,872.858	1,873,748.901
41	1+867.24	629,872.858	1,873,748.901	1+880.44	629,886.065	1,873,777.754	1+221.58	629,872.858	1,873,748.901
42	1+930.29	629,872.858	1,873,748.901	1+942.53	629,886.065	1,873,777.754	1+221.58	629,872.858	1,873,748.901
43	1+995.21	629,872.858	1,873,748.901	2+007.38	629,886.065	1,873,777.754	1+221.58	629,872.858	1,873,748.901
44	2+048.19	629,872.858	1,873,748.901	2+061.66	629,886.065	1,873,777.754	1+221.58	629,872.858	1,873,748.901
45	2+096.32	629,872.858	1,873,748.901	2+108.40	629,886.065	1,873,777.754	1+221.58	629,872.858	1,873,748.901
46	2+147.35	629,872.858	1,873,748.901	2+155.05	629,886.065	1,873,777.754	1+221.58	629,872.858	1,873,748.901
47	2+236.59	629,872.858	1,873,748.901	2+249.01	629,886.065	1,873,777.754	1+221.58	629,872.858	1,873,748.901
48	2+280.14	629,872.858	1,873,748.901	2+292.32	629,886.065	1,873,777.754	1+221.58	629,872.858	1,873,748.901
49	2+335.13	629,872.858	1,873,748.901	2+344.68	629,886.065	1,873,777.754	1+221.58	629,872.858	1,873,748.901
50	2+546.18	629,872.858	1,873,748.901	2+558.75	629,886.065	1,873,777.754	1+221.58	629,872.858	1,873,748.901
51	2+465.89	629,872.858	1,873,748.901	2+399.93	629,886.065	1,873,777.754	1+221.58	629,872.858	1,873,748.901
52	2+388.07	629,872.858	1,873,748.901	2+399.93	629,886.065	1,873,777.754	1+221.58	629,872.858	1,873,748.901
53	2+583.61	629,872.858	1,873,748.901	2+594.16	629,886.065	1,873,777.754	1+221.58	629,872.858	1,873,748.901
54	2+615.35	629,872.858	1,873,748.901	2+627.40	629,886.065	1,873,777.754	1+221.58	629,872.858	1,873,748.901
55	2+671.60	629,872.858	1,873,748.901	2+681.42	629,886.065	1,873,777.754	1+221.58	629,872.858	1,873,748.901
56	2+701.61	629,872.858	1,873,748.901	2+714.19	629,886.065	1,873,777.754	1+221.58	629,872.858	1,873,748.901
57	2+739.96	629,872.858	1,873,748.901	2+751.70	629,886.065	1,873,777.754	1+221.58	629,872.858	1,873,748.901
58	2+692.25	629,872.858	1,873,748.901	2+810.42	629,886.065	1,873,777.754	1+221.58	629,872.858	1,873,748.901
59	2+833.57	629,872.858	1,873,748.901	2+845.78	629,886.065	1,873,777.754	1+221.58	629,872.858	1,873,748.901
60	2+875.93	629,872.858	1,873,748.901	2+886.84	629,886.065	1,873,777.754	1+221.58	629,872.858	1,873,748.901
61	2+898.04	629,872.858	1,873,748.901	2+909.15	629,886.065	1,873,777.754	1+221.58	629,872.858	1,873,748.901
62	2+926.41	629,872.858	1,873,748.901	2+938.98	629,886.065	1,873,777.754	1+221.58	629,872.858	1,873,748.901
63	2+954.38	629,872.858	1,873,748.901	2+965.95	629,886.065	1,873,777.754	1+221.58	629,872.858	1,873,748.901
64	3+009.35	629,872.858	1,873,748.901	3+021.76	629,886.065	1,873,777.754	1+221.58	629,872.858	1,873,748.901
65	3+064.38	629,872.858	1,873,748.901	3+077.06	629,886.065	1,873,777.754	1+221.58	629,872.858	1,873,748.901
66	3+104.70	629,872.858	1,873,748.901	3+116.87	629,886.065	1,873,777.754	1+221.58	629,872.858	1,873,748.901
67	3+138.84	629,872.858	1,873,748.901	3+152.11	629,886.065	1,873,777.754	1+221.58	629,872.858	1,873,748.901
68	3+186.97	629,872.858	1,873,748.901	3+200.05	629,886.065	1,873,777.754	1+221.58	629,872.858	1,873,748.901
69	3+237.99	629,872.858	1,873,748.901	3+245.69	629,886.065	1,873,777.754	1+221.58	629,872.858	1,873,748.901
70	3+327.23	629,872.858	1,873,748.901	3+339.65	629,886.065	1,873,777.754	1+221.58	629,872.858	1,873,748.901
71	3+371.78	629,872.858	1,873,748.901	3+383.96	629,886.065	1,873,777.754	1+221.58	629,872.858	1,873,748.901
72	3+426.77	629,872.858	1,873,748.901	3+436.32	629,886.065	1,873,777.754	1+221.58	629,872.858	1,873,748.901
73	3+637.82	629,872.858	1,873,748.901	3+650.39	629,886.065	1,873,777.754	1+221.58	629,872.858	1,873,748.901
74	3+556.53	629,872.858	1,873,748.901	3+490.57	629,886.065	1,873,777.754	1+221.58	629,872.858	1,873,748.901
75	3+479.71	629,872.858	1,873,748.901	3+490.57	629,886.065	1,873,777.754	1+221.58	629,872.858	1,873,748.901
76	3+674.25	629,872.858	1,873,748.901	3+684.80	629,886.065	1,873,777.754	1+221.58	629,872.858	1,873,748.901
77	3+706.00	629,872.858	1,873,748.901	3+718.04	629,886.065	1,873,777.754	1+221.58	629,872.858	1,873,748.901
78	3+762.25	629,872.858	1,873,748.901	3+772.67	629,886.065	1,873,777.754	1+221.58	629,872.858	1,873,748.901
79	3+792.26	629,872.858	1,873,748.901	3+804.84	629,886.065	1,873,777.754	1+221.58	629,872.858	1,873,748.901
80	3+830.61	629,872.858	1,873,748.901	3+842.35	629,886.065	1,873,777.754	1+221.58	629,872.858	1,873,748.901
81	3+783.90	629,872.858	1,873,748.901	3+901.07	629,886.065	1,873,777.754	1+221.58	629,872.858	1,873,748.901
82	3+924.22	629,872.858	1,873,748.901	3+936.43	629,886.065	1,873,777.754	1+221.58	629,872.858	1,873,748.901
83	3+966.57	629,872.858	1,873,748.901	3+977.49	629,886.065	1,873,777.754	1+221.58	629,872.858	1,873,748.901
84	3+989.68	629,872.858	1,873,748.901	4+000.00	629,886.065	1,873,777.754	1+221.58	629,872.858	1,873,748.901