

UBICACION DE SEÑALAMIENTO VERTICAL						
Nº. SEÑAL	CADENAMIENTO DE REFERENCIA	TIPO DE SEÑAL	DIMENSION (cm.)	DESCRIPCION		
01	DERECHO	40 mts. atras del km 0+000	SR-9 (30)	71 x 71	SEÑAL DE VELOCIDAD (30 km/hr)	
02	IZQUIERDO	40 mts. atras del km 0+000	SII-15	30 x 76	KILOMETRAJE SIN RUTA	
03		0+000.00	SP-9 (120)	71 x 71	CURVA INVERSA CERRADA	
04		0+021.16	SP-10 (280)	71 x 71	ZONA DE CURVAS	
05		0+121.67	SP-9 (120)	71 x 71	CURVA INVERSA CERRADA	
06		0+293.91	SP-10 (280)	71 x 71	ZONA DE CURVAS	
07		0+367.95	SP-9 (120)	71 x 71	CURVA INVERSA CERRADA	
08		0+543.66	SP-10 (280)	71 x 71	ZONA DE CURVAS	
09		0+576.70	SP-9 (120)	71 x 71	CURVA INVERSA CERRADA	
10		0+707.48	SP-10 (280)	71 x 71	ZONA DE CURVAS	
11		0+943.33	SP-9 (120)	71 x 71	CURVA INVERSA CERRADA	
12		1+000.00	SII-15	30 x 76	KILOMETRAJE SIN RUTA	
13		1+060.00	SR-9 (30)	71 x 71	SEÑAL DE VELOCIDAD (30 km/hr)	

RESUMEN DE SEÑALES VERTICALES			
SEÑAL	DIMENSION	CANTIDAD	DESCRIPCION
PREVENTIVAS			
SP-09	71 x 71	4	CURVA INVERSA CERRADA
SP-10	71 x 71	6	ZONA DE CURVAS
RESTRICATIVAS			
SR-9	71 x 71	2	VELOCIDAD MAXIMA 30 km/h
INFORMATIVAS			
SII-15	30 x 76	2	KILOMETRAJE SIN RUTA

RESUMEN DE MARCAS				
MARCA	RAYA	DIMENSION	COLOR	DESCRIPCION
M-1.1	CONTINUA	100 mm	AMARILLA	1000 ml
				M-1.1. Raya separadora de sentidos de circulación, raya continua sencilla.

RAYA SEPARADORA DE SENTIDOS DE CIRCULACION (M-1.1) Se utiliza para separar los sentidos de circulación en carreteras y vías urbanas, generalmente al centro del arroyo vial, tanto en tramos como en curvas. Debe ser amarilla reflectante complementada con botones reflectantes con un ancho de calada de 6.5 m, la raya separadora de sentidos de circulación debe ser de 10 cm de ancho.

A CAÑADA DE GUADALUPE

PLANTA GENERAL ESC. 1:250

A E.C. (SN JUAN LACHAO - STA MA. TEMAXCALTEPEC)

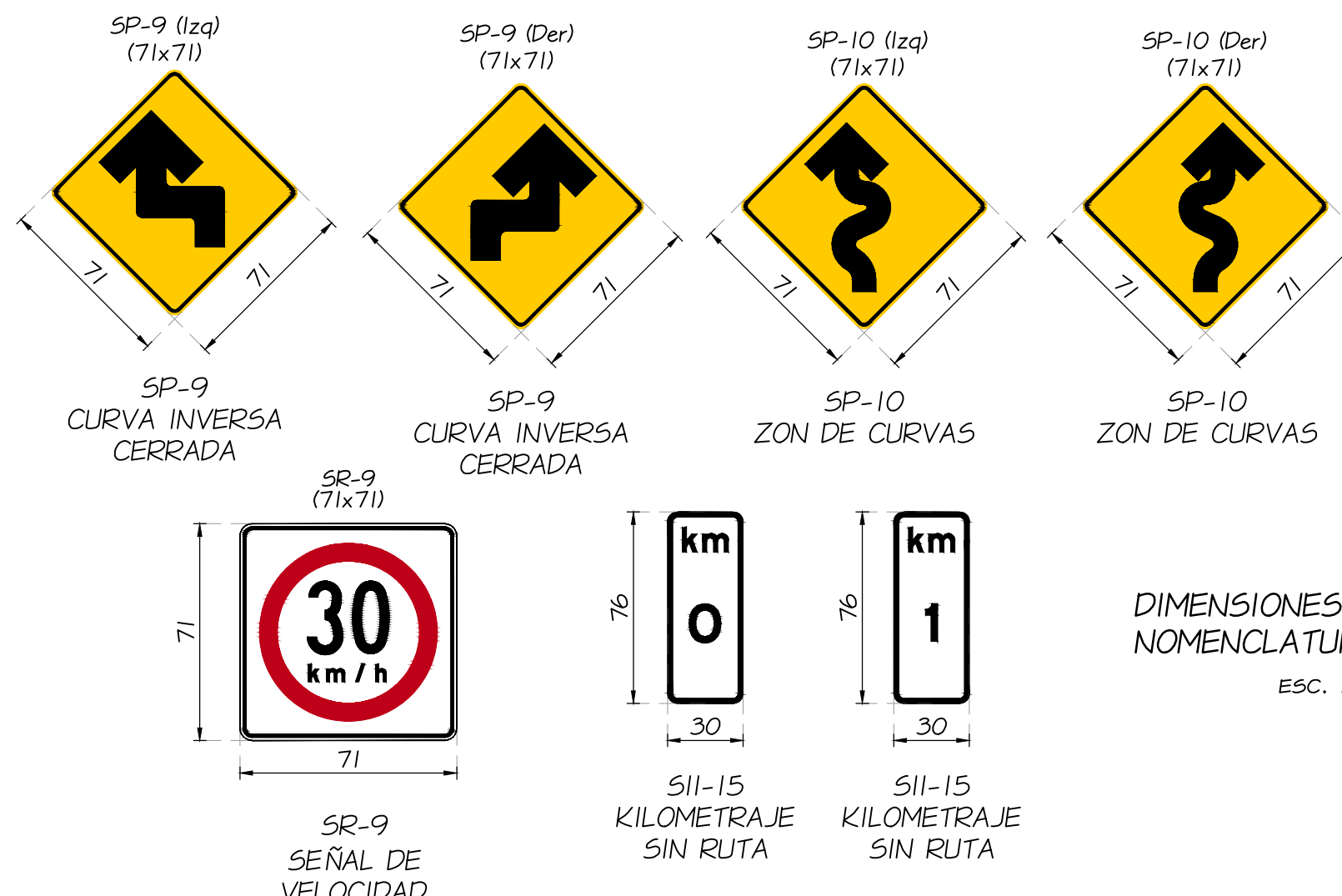
POLIGONAL DE CONTROL TERRESTRE				
VERTICE	X	Y	Z	OBSERVACIONES
PA-1	696.686.150	1.787.157.308	573.50	S/VARILLA
PA-2	696.686.172	1.787.157.442	573.54	S/VARILLA
PA-3	696.686.018	1.787.157.292	563.31	S/VARILLA
PA-4	697.037.804	1.786.977.049	555.76	S/VARILLA
PA-5	697.166.683	1.786.972.280	551.50	S/VARILLA
PA-6	697.133.836	1.786.843.106	550.81	S/VARILLA
PA-7	697.047.366	1.786.679.967	554.59	S/VARILLA
PA-8	697.004.887	1.786.472.337	549.52	S/VARILLA
PA-9	697.016.229	1.786.344.384	543.64	S/VARILLA

GEOMETRIA DEL ALINEAMIENTO HORIZONTAL

CURVA	PC/TE	Y	EC	Y	PI/PST	Y	CE	Y	PT/ET	Y
1	A 22.25 m antes de 0+000	696.681.11	1.787.146.92	696.684.72	1.787.140.35	696.688.02	1.787.133.94	696.692.42	1.787.127.70	696.695.81
2	A 5.03 m antes de 0+000	696.686.77	1.787.132.05	696.692.42	1.787.127.70	696.695.81	1.787.124.86	696.698.94	1.787.118.37	696.701.00
3	A 174.5 mtras del km 0+000	696.696.84	1.787.124.34	696.701.00	1.787.121.33	696.705.81	1.787.115.08	696.709.14	1.787.116.67	696.713.34
4	A 174.5 mtras del km 0+000	696.709.14	1.787.118.37	696.713.34	1.787.116.67	696.718.58	1.787.115.08	696.722.84	1.787.108.76	696.726.84
5	A 174.5 mtras del km 0+000	696.726.84	1.787.111.30	696.730.84	1.787.108.76	696.734.84	1.787.106.39	696.738.84	1.787.103.84	696.742.84
6	A 174.5 mtras del km 0+000	696.750.84	1.787.092.03	696.754.84	1.787.088.84	696.758.84	1.787.084.84	696.762.84	1.787.080.84	696.766.84
7	A 174.5 mtras del km 0+000	696.776.84	1.787.076.84	696.780.84	1.787.072.84	696.784.84	1.787.068.84	696.788.84	1.787.064.84	696.792.84
8	A 174.5 mtras del km 0+000	696.802.84	1.787.056.84	696.806.84	1.787.052.84	696.810.84	1.787.048.84	696.814.84	1.787.044.84	696.818.84
9	A 174.5 mtras del km 0+000	696.828.84	1.787.036.84	696.832.84	1.787.032.84	696.836.84	1.787.028.84	696.840.84	1.787.024.84	696.844.84
10	A 174.5 mtras del km 0+000	696.854.84	1.787.016.84	696.858.84	1.787.012.84	696.862.84	1.787.008.84	696.866.84	1.787.004.84	696.870.84
11	A 174.5 mtras del km 0+000	696.880.84	1.787.000.84	696.884.84	1.787.000.84	696.888.84	1.787.000.84	696.892.84	1.787.000.84	696.896.84
12	A 174.5 mtras del km 0+000	696.906.84	1.786.984.84	696.910.84	1.786.980.84	696.914.84	1.786.976.84	696.918.84	1.786.972.84	696.922.84
13	A 174.5 mtras del km 0+000	696.932.84	1.786.968.84	696.936.84	1.786.964.84	696.940.84	1.786.960.84	696.944.84	1.786.956.84	696.948.84
14	A 174.5 mtras del km 0+000	696.958.84	1.786.952.84	696.962.84	1.786.948.84	696.966.84	1.786.944.84	696.970.84	1.786.940.84	696.974.84
15	A 174.5 mtras del km 0+000	696.984.84	1.786.936.84	696.988.84	1.786.932.84	696.992.84	1.786.928.84	696.996.84	1.786.924.84	697.000.84
16	A 174.5 mtras del km 0+000	697.010.84	1.786.920.84	697.014.84	1.786.916.84	697.018.84	1.786.912.84	697.022.84	1.786.908.84	697.026.84
17	A 174.5 mtras del km 0+000	697.036.84	1.786.904.84	697.040.84	1.786.900.84	697.044.84	1.786.896.84	697.048.84	1.786.892.84	697.052.84

DATOS DE CURVAS HORIZONTALES

CURVA	P.I.	Def. t	Gc	Rc	St/Ste	Lc	De	Le	Xc	Yc	k	p
1	0+000.003	22°05'30" IQ	4754.37	26.097	5.094	10.092	10.092	10.092	10.092	10.092	10.092	10.092
2	0+010.625	18°37'40" IQ	3308.21	34.579	5.053	10.035	10.035	10.035	10.035	10.035	10.035	10.035
3	0+020.209	12°58'10" IQ	2575.57	36.360	5.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000
4	0+030.822	23°16'51" DER	4979.46	31.952	12.762	25.173	25.173	25.173	25.173	25.173	25.173	25.173
5	0+041.436	31°41'07" IQ	4142.39	27.473	7.796	15.193	15.193	15.193	15.193	15.193	15.193	15.193
6	0+052.049	21°01'30" DER	3203.41	34.605	19.029	38.020	38.020	38.020	38.020	38.020	38.020	38.020
7	0+062.662	19°56'34" DER	2953.12	54.884	9.646	19.096	19.096	19.096	19.096	19.096	19.096	19.096
8	0+073.275	17°12'28" DER	3345.21	65.310	5.015	10.015	10.015	10.015	10.015	10.015	10.015	10.015
9	0+083.888	15°22'48" DER	2235.27	48.575	6.509	13.039	13.039	13.039	13.039	13.039	13.039	13.039
10	0+094.501	14°10'17" IQ	4679.36	16.336	8.219	15.453	15.453	15.453	15.453	15.453	15.453	15.453
11	0+105.114	12°52'48" DER	3345.21	65.310	5.015	10.015	10.015	10.015	10.015	10.015	10.015	10.015
12	0+115.727	11°52'28" DER	3345.21	65.310	5.015	10.015	10.015	10.015	10.015	10.015	10.015	10.015
13	0+126.340	10°52'28" DER	3345.21	65.310	5.015	10.015	10.015	10.015	10.015	10.015	10.015	10.015
14	0+136.953	9°52'28" DER	3345.21	65.310	5.015	10.015	10.015	10.015	10.015	10.015	10.015	10.015
15	0+147.566	8°52'28" DER	3345.21	65.310	5.015	10.015	10.015	10.015	10.015	10.015	10.015	10.015
16	0+158.179	7°52'28" DER	3345.21	65.310	5.015	10.015	10.015	10.015	10.015	10.015	10.015	10.015
17	0+168.792	6°52'28" DER	3345.21	65.310	5.015	10.015	10.015	10.015	10.015	10.015	10.015	10.015
18	0+179.405	5°52'28" DER	3345.21	65.310	5.015	10.015	10.015	10.015	10.015	10.015	10.015	10.015
19	0+189.998	4°52'28" DER	3345.21	65.310	5.015	10.015	10.015	10.015	10.015	10.015	10.015	10.015
20	0+200.591	3°52'28" DER	3345.21	65.310	5.015	10.015	10.015	10.015	10.015	10.015	10.015	10.015
21	0+211.184	2°52'28" DER	3345.21	65.310	5.015	10.015	10.015	10.015	10.015	10.015	10.015	10.015
22	0+221.777	1°52'28" DER	3345.21	65.310	5.015	10.015	10.015	10.015	10.015	10.015	10.015	10.015
23	0+232.370	0°52'28" DER	3345.21	65.310	5.015	10.015	10.015	10.015	10.015	10.015	10.015	10.015
24	0+242.963	0°52'28" DER	3345.21	65.310	5.015	10.015	10.015	10.015	10.015	10.015	10.015	10.015
25	0+253.556	0°52'28" DER	3345.21	65.310	5.015	10.015	10.015	10.015	10.015	10.015	10.015	10.015
26	0+264.149	0°52'28" DER	3345.21	65.310	5.015	10.015	10.015	10.015	10.015	10.015	10.015	10.015
27	0+274.742	0°52'28" DER	3345.21	65.310	5.015	10.015	10.015	10.015	10.015	10.015	10.015	10.015
28	0+285.335	0°52'28" DER	3345.21	65.310	5.015	10.015	10.015	10.015	10.015	10.015	10.015	10.015
29	0+295.928	0°52'28" DER	3345.21	65.310	5.015	10.015	10.015	10.015	10.015	10.015	10.015	10.015
30	0+306.521	0°52'28" DER	3345.21	65.310	5.015	10.015	10.015	10.015	10.015	10.015	10.015	10.015
31	0+317.114	0°52'28" DER	3345.21	65.310	5.015	10.015	10.015	10.015	10.015	10.015	10.015	10.015
32	0+327.707	0°52'28" DER	3345.21	65.310	5.015	10.015	10.015	10.015	10.015	10.015	10.015	10.015
33	0+338.300	0°52'28" DER	3345.21	65.310	5.015	10.015	10.015	10.015	10.015	10.015	10.015	10.015
34	0+348.893	0°52'28" DER	3345.21	65.310	5.015	10.015	10.015	10.015	10.015	10.015	10.015	10.015
35	0+359.486	0°52'28" DER	3345.21	65.310	5.015	10.015	10.015	10.015	10.015	10.015	10.015	10.015
36	0+370.079	0°52'28" DER	3345.21	65.310	5.015	10.015	10.015	10.015	10.015	10.015	10.015	10.015
37	0+380.672	0°52'28" DER	3345.21	65.310	5.015	10.015	10.015	10.015	10.015	10.015	10.015	10.015
38	0+391.265	0°52'28" DER	3345.21	65.310	5.015	10.015	10.015	10.015	10.015	10.015	10.015	10.015



MARCAS SOBRE PAVIMENTO