

PLANTA

ESC : 1/25000

CUADRO DE COORDENADAS Y ELEMENTOS DE CURVA

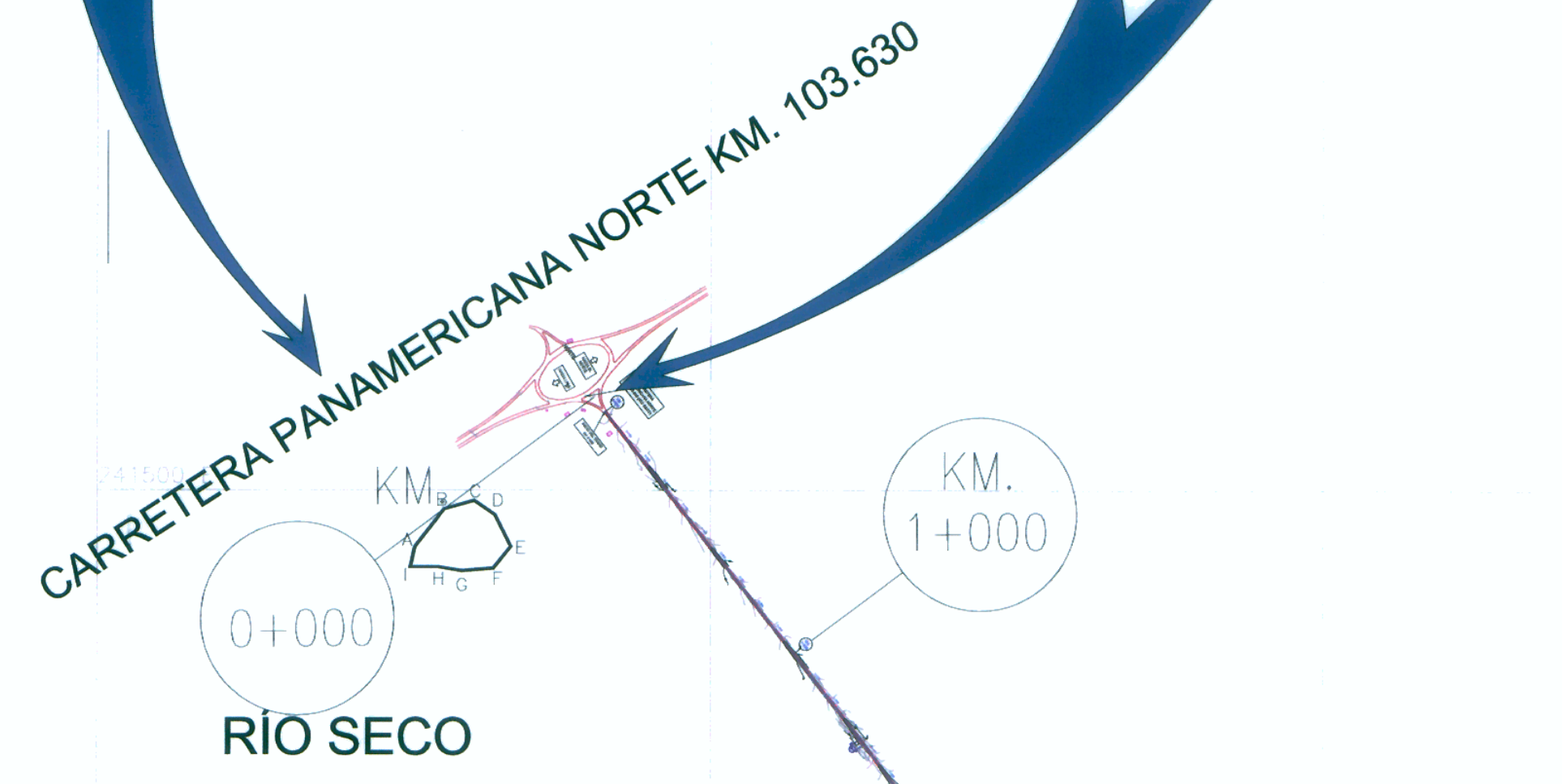
No. PI	ANGULO	S	RADIO	PI	PC	PT	T	LC	EXT.	NORTE	ESTE	P%	S.A
0+000.00										8,737,155.128	241,243.057	-	-
1	1° 14' 22.71"	D	1,000.00	1+362.54	1+351.72	1+373.35	10.82	21.64	0.06	8,737,994.340	242,316.478	2	-
2	24° 20' 42.64"	D	290.00	2+100.63	2+038.07	2+161.29	62.56	123.22	6.67	8,738,436.258	242,907.652	6	0.50
3	52° 24' 01.72"	I	150.00	4+470.30	4+396.49	4+533.68	73.81	137.18	17.18	8,738,946.885	245,221.589	7.50	0.90
4	38° 47' 45.57"	D	100.00	5+000.30	4+965.09	5+032.80	35.21	67.71	6.02	8,739,436.025	245,450.403	8.00	1.10
5	29° 21' 01.31"	I	250.00	5+351.94	5+286.47	5+414.53	65.47	128.07	8.43	8,739,591.573	245,771.784	6.24	0.60
6	19° 45' 33.06"	I	500.00	6+200.81	6+113.73	6+286.17	87.08	172.43	7.53	8,740,292.586	246,251.584	4.19	0.40
7	6° 04' 52.16"	I	800.00	6+641.61	6+599.11	6+684.02	42.49	84.91	1.13	8,740,720.324	246,366.014	2.90	-
8	15° 33' 42.74"	D	230.00	7+536.00	7+504.57	7+567.04	31.43	62.47	2.14	8,741,604.338	246,501.408	6.57	0.60
9	25° 17' 11.42"	I	100.00	7+863.99	7+841.56	7+885.70	22.43	44.13	2.49	8,741,903.546	246,640.712	8.00	1.10
10	19° 17' 45.95"	D	180.00	8+278.51	8+247.91	8+308.53	30.60	60.62	2.58	8,742,318.732	246,630.801	7.10	0.70
11	36° 09' 57.27"	I	120.00	8+464.64	8+425.46	8+501.21	39.18	75.75	6.23	8,742,495.962	246,692.559	8.00	1.00
12	16° 15' 11.43"	I	320.00	8+722.80	8+677.10	8+767.88	45.69	90.77	3.25	8,742,744.219	246,612.740	7.10	0.50
13	15° 26' 38.02"	I	450.00	9+235.84	9+174.82	9+296.12	61.02	121.30	4.12	8,743,169.677	246,324.937	4.52	0.40
14	17° 50' 20.11"	D	380.00	10+226.69	10+167.05	10+285.36	59.64	118.31	4.65	8,743,813.391	245,570.696	5.10	0.40
15	32° 20' 43.23"	D	260.00	10+524.64	10+449.23	10+596.01	75.40	146.78	10.71	8,744,067.757	245,412.709	6.14	0.60
16	4° 06' 54.39"	D	500.00	11+074.19	11+056.23	11+092.14	17.96	35.91	0.32	8,744,621.305	245,420.121	4.19	0.40
17	30° 38' 49.49"	I	270.00	11+227.37	11+153.39	11+297.81	73.98	144.42	9.95	8,744,773.962	245,432.983	8.00	0.60
18	37° 54' 39.92"	D	350.00	11+496.08	11+375.87	11+607.45	120.21	231.59	20.07	8,745,018.939	245,314.097	5.24	0.50
19	19° 54' 42.42"	D	100.00	11+687.25	11+669.70	11+704.45	17.55	34.75	1.53	8,745,214.546	245,356.827	8.00	1.10
20	8° 24' 18.59"	I	400.00	11+810.67	11+781.28	11+839.96	29.39	58.68	1.08	8,745,319.565	245,421.335	4.81	0.40
21	18° 13' 46.04"	I	200.00	12+214.04	12+181.96	12+245.59	32.09	63.63	2.56	8,745,689.438	245,582.539	6.00	0.60
22	17° 17' 54.50"	D	500.00	12+582.77	12+506.72	12+657.67	76.06	150.96	5.75	8,746,057.004	245,617.395	4.00	0.30
23	14° 22' 53.87"	I	180.00	12+766.55	12+743.84	12+789.02	22.71	45.18	1.43	8,746,227.453	245,689.738	6.00	0.60
24	32° 19' 12.06"	D	180.00	12+925.20	12+873.04	12+974.57	52.16	101.54	7.40	8,746,384.616	245,711.370	6.00	0.60
25	50° 38' 23.04"	I	270.00	13+255.44	13+127.70	13+366.33	127.74	238.63	28.69	8,746,636.848	245,930.320	5.00	0.50
26	25° 55' 21.51"	D	180.00	13+487.93	13+446.50	13+527.94	41.43	81.44	4.71	8,746,882.493	245,887.758	6.00	0.60
27	12° 28' 11.70"	D	180.00	13+636.89	13+617.22	13+656.40	19.67	39.18	1.07	8,747,027.010	245,929.328	6.00	0.60
28	0° 47' 04.75"	I	1,000.00	14+128.15	14+121.31	14+135.00	6.85	13.69	0.02	8,747,458.809	246,163.346	2.00	-
29	13° 20' 34.49"	I	750.00	14+382.35	14+294.62	14+469.28	87.73	174.66	5.11	8,747,683.804	246,282.235	2.00	0.30
30	9° 38' 06.61"	I	450.00	14+858.80	14+820.87	14+896.55	37.93	75.67	1.60	8,748,146.075	246,400.340	3.50	0.40
31	6° 28' 16.84"	D	1,300.00	15+365.39	15+291.90	15+438.73	73.49	146.83	2.08	8,748,651.106	246,442.347	2.00	2.00
32	8° 22' 11.11"	I	700.00	15+581.61	15+530.39	15+632.65	51.22	102.26	1.87	8,748,863.341	246,484.971	2.00	2.24
33	12° 48' 01.80"	D	150.00	16+202.19	16+185.36	16+218.88	16.83	33.51	0.94	8,749,483.329	246,515.905	6.50	0.80
34	9° 35' 55.96"	I	150.00	16+314.61	16+302.01	16+327.14	12.59	25.13	0.53	8,749,591.712	246,546.282	6.50	0.80

CANTERA EL OVALO
 UBICACIÓN: : 103+500 CARRT. PAN. NORTE
 LADO IZQUIERDO
 ACCESO 500 m.

POTENCIA NETA : 170,619.00 m3

USOS	TRATAMIENTO	RENDIMIENTO
RELLENO	NATURAL	100%

INICIO : KM. 0+000
 N = 8737155.128
 E = 241243.056



LEYENDA

PUENTE	
ZONAS URBANAS	
FUENTE DE AGUA	

BOTADERO 1
 09+800
 POTENCIA NETA=57,808.40 m3



CANTERA LA LOMA
 UBICACIÓN: Km. 2+650.00
 LADO DERECHO
 ACCESO 1,100 m.

POTENCIA NETA : 123,861.00 m3

USOS	TRATAMIENTO	RENDIMIENTO
RELLENO, ACCESOS	NATURAL	100%
SUBBASE	ZARANDEADO	98%