



**TABELA DE MARCOS FISICOS**

MARC/N	ESTACAS				COORDENADAS			
	E	N	E	N	E	N	E	N
1	EST 107+4,185-ACESSO SP-457	141296,193	229697,362	444,596	EST 201+16,888-RAMO 200	141296,193	229697,362	444,251
2	EST 107+4,185-ACESSO SP-457	141296,046	229697,456	444,477	EST 202+16,183-RAMO 200	141296,046	229697,456	444,458
3	EST 107+4,185-ACESSO SP-457	141296,402	229693,459	444,316	EST 203+16,834-RAMO 200	141296,402	229693,459	444,283
4	EST 107+4,185-ACESSO SP-457	141296,290	229696,588	444,813	EST 204+16,834-RAMO 200	141296,290	229696,588	444,803
5	EST 107+4,185-ACESSO SP-457	141296,598	229696,588	444,570	EST 205+16,834-RAMO 200	141296,598	229696,588	444,570
6	EST 501+4,501-RAMO 500	141296,598	229696,588	444,570	EST 301+16,834-RAMO 300	141296,598	229696,588	444,570
7	EST 501+4,501-RAMO 500	141296,598	229696,588	444,570	EST 401+16,834-RAMO 400	141296,598	229696,588	444,570
8	EST 501+4,501-RAMO 500	141296,598	229696,588	444,570	EST 501+4,501-RAMO 500	141296,598	229696,588	444,570
9	EST 501+4,501-RAMO 500	141296,598	229696,588	444,570	EST 601+16,834-RAMO 600	141296,598	229696,588	444,570
10	EST 501+4,501-RAMO 500	141296,598	229696,588	444,570	EST 701+16,834-RAMO 700	141296,598	229696,588	444,570
11	EST 401+16,834-RAMO 400	141296,290	229696,588	444,803	EST 801+16,834-RAMO 800	141296,290	229696,588	444,803

**TABELA DE CURVAS DE BORBO**

CURVA	N°	R (m)	D (m)	T (m)	AC	PONTO		COORDENADAS			
						PI	CC	PC	CC	PC	PT
1	1	81,000	9,920	4,868	7°10'45"	N	229692,211	229697,362	229698,456	229698,456	
2	2	21,000	7,381	3,719	20°50'69"	N	229697,875	229694,620	229694,449	229694,589	
3	3	22,000	5,837	2,938	15°12'35,4"	N	147397,711	147316,919	147388,284	147387,884	
4	4	18,000	7,288	3,700	23°13'48,88"	E	147366,038	147381,389	147384,212	229696,650	

**TABELA DE ALINHAMENTO HORIZONTAL**

CURVA	N°	R (m)	D (m)	T (m)	AC	ESTACAS		COORDENADAS					
						PC	PT	PONTO	PI	CC	PC	PT	
ACESSO SP-457	100	-	-	-	-	100+0,000	-	N	229698,856	-	-	-	-
	101	275,000	48,400	24,081	10°03'3,4"	104+16,130	107+4,170	N	229616,591	229708,407	229689,216	229708,803	
	102	90,000	69,703	36,705	44°22'27,36"	107+4,170	110+13,873	N	229692,466	147316,919	147311,881	147342,874	
	103	275,000	52,705	26,434	10°58'51,70"	110+13,873	113+16,578	N	229694,505	229615,343	229694,229	229694,229	
RAMO 400	401	45,000	15,075	7,669	19°11'36,70"	400+0,000	-	N	229680,750	-	-	-	
	402	9,000	13,978	8,943	88°59'21,86"	400+16,075	401+0,053	N	229690,017	229687,856	229694,780	229692,220	
	403	403,000	21,711	10,858	35°12'35"	401+16,053	402+10,764	N	229683,882	229694,449	147386,310	147386,310	
	404	-	-	-	-	408+12,214	-	N	229686,710	-	-	-	
RAMO 500	501	15,000	42,489	56,888	162°13'12,38"	500+0,000	502+2,469	N	229690,073	229685,196	229691,204	229694,872	
	502	15,000	37,801	45,666	143°37'29,14"	600+0,000	601+11,781	N	229690,716	229694,196	229691,049	229694,289	
	503	-	-	-	-	-	-	N	229690,716	229694,196	229691,049	229694,289	
	504	-	-	-	-	-	-	N	147366,038	147378,222	147381,886	147382,289	
RAMO 600	601	15,000	37,801	45,666	143°37'29,14"	600+0,000	601+11,781	N	147366,038	147378,222	147381,886	147382,289	
	602	-	-	-	-	-	-	N	147366,038	147378,222	147381,886	147382,289	
	603	-	-	-	-	-	-	N	147366,038	147378,222	147381,886	147382,289	
	604	-	-	-	-	-	-	N	147366,038	147378,222	147381,886	147382,289	

**DER** Departamento de Estradas de Rodagem do Estado de São Paulo

**Consorcio LENC - GTP**

**PROJETO DE ALINHAMENTO DE VIAS**

**PROJETO DE ALINHAMENTO DE VIAS - 2ª FASE**

**DE-PRP00138-000-024-000-F02/002**

**REVISÃO**

Nº	DISCRIMINAÇÃO	REVISÕES	DATA	EMITENTE	VERIFICAÇÃO	APROVAÇÃO	DOCUMENTOS DE REFERÊNCIA

**NOTAS:**

- 1- MEDIDAS EM METROS, EXCETO ONDE INDICADO.
- 2- VER TRACADÃO EM PERFIL DO DISPOSITIVO DO KM 9,800 NOS DES. DE-PRP00138-000-024-000-F03/003 E 006.
- 3- VER TRACADÃO EM PLANTA E PERFIL DO EIXO PRINCIPAL DA VIALINA PRP-138 NOS DES. DE-PRP00138-000-024-000-F03/004.