



ESTACA	LESTE(m)	NORTE(m)	ELEVACÃO DO CEN. (m)
EI = EST 0+0.00	285 219.87	7 148 957.39	450.43
PI = EST 0+11.936	285 222.98	7 148 958.87	450.83
1	285 235.40	7 148 967.45	451.70
2	285 247.82	7 148 976.03	452.57
PI = EST 3+19.874	285 275.15	7 148 974.15	451.70
3	285 287.57	7 148 972.67	451.30
PC = EST 5+15.268	285 285.03	7 148 974.15	451.70
4	285 297.45	7 148 972.67	451.30
5	285 309.87	7 148 971.19	450.90
6	285 322.29	7 148 969.71	450.50
7	285 334.71	7 148 971.19	450.90
8	285 347.13	7 148 972.67	451.30
9	285 359.55	7 148 974.15	451.70
PI = EST 9+33.101	285 371.97	7 148 974.15	451.70
10	285 384.39	7 148 972.67	451.30
11	285 396.81	7 148 971.19	450.90
12	285 409.23	7 148 969.71	450.50
13	285 421.65	7 148 971.19	450.90
14	285 434.07	7 148 972.67	451.30
15	285 446.49	7 148 974.15	451.70
16	285 458.91	7 148 972.67	451.30
17	285 471.33	7 148 971.19	450.90
18	285 483.75	7 148 969.71	450.50
19	285 496.17	7 148 971.19	450.90
20	285 508.59	7 148 972.67	451.30
21	285 521.01	7 148 974.15	451.70
22	285 533.43	7 148 972.67	451.30
23	285 545.85	7 148 971.19	450.90
24	285 558.27	7 148 969.71	450.50
25	285 570.69	7 148 971.19	450.90
26	285 583.11	7 148 972.67	451.30
27	285 595.53	7 148 974.15	451.70
28	285 607.95	7 148 972.67	451.30
29	285 620.37	7 148 971.19	450.90
30	285 632.79	7 148 969.71	450.50
31	285 645.21	7 148 971.19	450.90
32	285 657.63	7 148 972.67	451.30
33	285 670.05	7 148 974.15	451.70
34	285 682.47	7 148 972.67	451.30
35	285 694.89	7 148 971.19	450.90
36	285 707.31	7 148 969.71	450.50
37	285 719.73	7 148 971.19	450.90
38	285 732.15	7 148 972.67	451.30
39	285 744.57	7 148 974.15	451.70
40	285 756.99	7 148 972.67	451.30
41	285 769.41	7 148 971.19	450.90
42	285 781.83	7 148 969.71	450.50
43	285 794.25	7 148 971.19	450.90
44	285 806.67	7 148 972.67	451.30
45	285 819.09	7 148 974.15	451.70
46	285 831.51	7 148 972.67	451.30
47	285 843.93	7 148 971.19	450.90
48	285 856.35	7 148 969.71	450.50
49	285 868.77	7 148 971.19	450.90
50	285 881.19	7 148 972.67	451.30
51	285 893.61	7 148 974.15	451.70
52	285 906.03	7 148 972.67	451.30
53	285 918.45	7 148 971.19	450.90
54	285 930.87	7 148 969.71	450.50
55	285 943.29	7 148 971.19	450.90
56	285 955.71	7 148 972.67	451.30
57	285 968.13	7 148 974.15	451.70
58	285 980.55	7 148 972.67	451.30
59	285 992.97	7 148 971.19	450.90
60	286 005.39	7 148 969.71	450.50
61	286 017.81	7 148 971.19	450.90
62	286 030.23	7 148 972.67	451.30
63	286 042.65	7 148 974.15	451.70
64	286 055.07	7 148 972.67	451.30
65	286 067.49	7 148 971.19	450.90
66	286 079.91	7 148 969.71	450.50
67	286 092.33	7 148 971.19	450.90
68	286 104.75	7 148 972.67	451.30
69	286 117.17	7 148 974.15	451.70
70	286 129.59	7 148 972.67	451.30
71	286 142.01	7 148 971.19	450.90
72	286 154.43	7 148 969.71	450.50
73	286 166.85	7 148 971.19	450.90
74	286 179.27	7 148 972.67	451.30
75	286 191.69	7 148 974.15	451.70
76	286 204.11	7 148 972.67	451.30
77	286 216.53	7 148 971.19	450.90
78	286 228.95	7 148 969.71	450.50
79	286 241.37	7 148 971.19	450.90
80	286 253.79	7 148 972.67	451.30
81	286 266.21	7 148 974.15	451.70
82	286 278.63	7 148 972.67	451.30
83	286 291.05	7 148 971.19	450.90
84	286 303.47	7 148 969.71	450.50
85	286 315.89	7 148 971.19	450.90
86	286 328.31	7 148 972.67	451.30
87	286 340.73	7 148 974.15	451.70
88	286 353.15	7 148 972.67	451.30
89	286 365.57	7 148 971.19	450.90
90	286 378.00	7 148 969.71	450.50
91	286 390.42	7 148 971.19	450.90
92	286 402.84	7 148 972.67	451.30
93	286 415.26	7 148 974.15	451.70
94	286 427.68	7 148 972.67	451.30
95	286 440.10	7 148 971.19	450.90
96	286 452.52	7 148 969.71	450.50
97	286 464.94	7 148 971.19	450.90
98	286 477.36	7 148 972.67	451.30
99	286 489.78	7 148 974.15	451.70
100	286 502.20	7 148 972.67	451.30
PT = EST 31+14.372	286 514.62	7 150 228.81	451.70
101	286 527.04	7 150 227.33	451.30
102	286 539.46	7 150 225.85	450.90
103	286 551.88	7 150 224.37	450.50
104	286 564.30	7 150 222.89	450.10
105	286 576.72	7 150 221.41	449.70
106	286 589.14	7 150 219.93	449.30
107	286 601.56	7 150 218.45	448.90
108	286 613.98	7 150 216.97	448.50
109	286 626.40	7 150 215.49	448.10
110	286 638.82	7 150 214.01	447.70
111	286 651.24	7 150 212.53	447.30
112	286 663.66	7 150 211.05	446.90
113	286 676.08	7 150 209.57	446.50
114	286 688.50	7 150 208.09	446.10
115	286 700.92	7 150 206.61	445.70
116	286 713.34	7 150 205.13	445.30
117	286 725.76	7 150 203.65	444.90
118	286 738.18	7 150 202.17	444.50
119	286 750.60	7 150 200.69	444.10
120	286 763.02	7 150 199.21	443.70
121	286 775.44	7 150 197.73	443.30
122	286 787.86	7 150 196.25	442.90
123	286 800.28	7 150 194.77	442.50
124	286 812.70	7 150 193.29	442.10
125	286 825.12	7 150 191.81	441.70
126	286 837.54	7 150 190.33	441.30
127	286 850.00	7 150 188.85	440.90
128	286 862.42	7 150 187.37	440.50
129	286 874.84	7 150 185.89	440.10
130	286 887.26	7 150 184.41	439.70
131	286 899.68	7 150 182.93	439.30
132	286 912.10	7 150 181.45	438.90
133	286 924.52	7 150 179.97	438.50
134	286 936.94	7 150 178.49	438.10
135	286 949.36	7 150 177.01	437.70
136	286 961.78	7 150 175.53	437.30
137	286 974.20	7 150 174.05	436.90
138	286 986.62	7 150 172.57	436.50
139	287 000.00	7 150 171.09	436.10
140	287 012.42	7 150 169.61	435.70
141	287 024.84	7 150 168.13	435.30
142	287 037.26	7 150 166.65	434.90
143	287 049.68	7 150 165.17	434.50
144	287 062.10	7 150 163.69	434.10
145	287 074.52	7 150 162.21	433.70
146	287 086.94	7 150 160.73	433.30
147	287 099.36	7 150 159.25	432.90
148	287 111.78	7 150 157.77	432.50
149	287 124.20	7 150 156.29	432.10
150	287 136.62	7 150 154.81	431.70
151	287 149.04	7 150 153.33	431.30
152	287 161.46	7 150 151.85	430.90
153	287 173.88	7 150 150.37	430.50
154	287 186.30	7 150 148.89	430.10
155	287 198.72	7 150 147.41	429.70
156	287 211.14	7 150 145.93	429.30
157	287 223.56	7 150 144.45	428.90
158	287 235.98	7 150 142.97	428.50
159	287 248.40	7 150 141.49	428.10
160	287 260.82	7 150 139.01	427.70
161	287 273.24	7 150 137.53	427.30
162	287 285.66	7 150 136.05	426.90
163	287 298.08	7 150 134.57	426.50
164	287 310.50	7 150 133.09	426.10
165	287 322.92	7 150 131.61	425.70
166	287 335.34	7 150 130.13	425.30
167	287 347.76	7 150 128.65	424.90
168	287 360.18	7 150 127.17	424.50
169	287 372.60	7 150 125.69	424.10
170	287 385.02	7 150 124.21	423.70
171	287 397.44	7 150 122.73	423.30
172	287 409.86	7 150 121.25	422.90
173	287 422.28	7 150 119.77	422.50
174	287 434.70	7 150 118.29	422.10
175	287 447.12	7 150 116.81	421.70
176	287 459.54	7 150 115.33	421.30
177	287 471.96	7 150 113.85	420.90
178	287 484.38	7 150 112.37	420.50
179	287 496.80	7 150 110.89	420.10
180	287 509.22	7 150 109.41	419.70
181	287 521.64	7 150 107.93	419.30
182	287 534.06	7 150 106.45	418.90
183	287 546.48	7 150 104.97	418.50
184	287 558.90	7 150 103.49	418.10
185	287 571.32	7 150 102.01	417.70
186	287 583.74	7 150 100.53	417.30
187	287 596.16	7 150 99.05	416.90
188	287 608.58	7 150 97.57	416.50
189	287 621.00	7 150 96.09	416.10
190	287 633.42	7 150 94.61	415.70
191	287 645.84	7 150 93.13	415.30
192	287 658.26	7 150 91.65	414.90
193	287 670.68	7 150 90.17	414.50
194	287 683.10	7 150 88.69	414.10
195	287 695.52	7 150 87.21	413.70
196	287 707.94	7 150 85.73	413.30
197	287 720.36	7 150 84.25	412.90
198	287 732.78	7 150 82.77	412.50
199	287 745.20	7 150 81.29	412.10
200	287 757.62	7 150 79.81	411.70
201	287 770.04	7 150 78.33	411.30
202	287 782.46	7 150 76.85	410.90
203	287 794.88	7 150 75.37	410.50
204	287 807.30	7 150 73.89	410.10
205	287 819.72	7 150 72.41	409.70
206	287 832.14	7 150 70.93	409.30
207	287 844.56	7 150 69.45	408.90
208	287 856.98	7 150 67.97	408.50
209	287 869.40	7 150 66.49	408.10
210	287 881.82	7 150 65.01	407.70
211	287 894.24	7 150 63.53	407.30
212	287 906.66	7 150 62.05	406.90
213	287 91		