

**Coordenadas Huella del Proyecto Calle La Forestal
(Av. Madden) (DATUM WGS 84)**

N°	Norte	Este
1	1008569.599	651836.6262
2	1008581.556	651827.5681
3	1008545.249	651779.6451
4	1008313.362	651731.0568
5	1008174.694	651808.5037
6	1008073.826	651894.1055
7	1007966.069	652029.356
8	1007891.121	652104.9616
9	1007746.567	652222.2108
10	1007591.863	652293.2255
11	1007191.546	652365.7438
12	1006995.144	652344.2414
13	1006351.535	652074.1713
14	1006264.902	652053.8676
15	1006217.696	652050.8845
16	1006115.282	652025.3285
17	1006025.674	651984.6689
18	1005937.516	651979.6161
19	1005912.34	651987.7213
20	1005794.358	651980.5437
21	1005486.436	651838.2077
22	1005418.9	651819.9794
23	1005251.036	651804.1105
24	1005206.863	651797.9056
25	1004761.692	651714.6621
26	1004693.114	651696.8514
27	1004658.434	651685.2299
28	1004605.094	651675.617
29	1004476.648	651671.3428
30	1004359.329	651649.2752
31	1004264.993	651616.0545
32	1004142.117	651606.0087
33	1004087.02	651615.7755
34	1003866.465	651355.1307
35	1003896.151	651271.656
36	1003906.411	651212.4886
37	1003906.461	651184.0495
38	1003856.853	651085.3843

39	1003785.895	651032.8488
40	1003774.745	651023.9348
41	1003542.611	650823.8077
42	1003456.042	650722.7609
43	1003180.663	650281.0409
44	1003121.498	650211.6814
45	1002997.815	650104.1277
46	1002862.335	650035.8982
47	1002442.12	649943.1149
48	1002379.415	649932.6757
49	1002111.668	649902.392
50	1002111.581	649902.3821
51	1001951.071	649884.154
52	1001777.238	649812.4649
53	1001543.358	649627.4666
54	1001534.052	649639.2311
55	1001767.933	649824.2294
56	1001949.379	649899.0582
57	1002109.889	649917.2863
58	1002109.982	649917.2969
59	1002377.729	649947.5806
60	1002438.886	649957.7621
61	1002859.101	650050.5454
62	1002987.972	650115.4467
63	1003111.655	650223.0003
64	1003167.934	650288.9764
65	1003443.313	650730.6964
66	1003532.817	650835.1686
67	1003764.951	651035.2956
68	1003776.97	651044.9042
69	1003847.928	651097.4397
70	1003891.461	651184.0235
71	1003891.412	651212.4626
72	1003882.018	651266.63
73	1003852.332	651350.1047
74	1004089.639	651630.5452
75	1004144.736	651620.7785
76	1004260.01	651630.2029
77	1004354.346	651663.4236
78	1004476.149	651686.3345
79	1004604.595	651690.6087
80	1004653.668	651699.4526

81	1004688.348	651711.074
82	1004758.935	651729.4065
83	1005204.106	651812.65
84	1005249.625	651819.0439
85	1005417.489	651834.9128
86	1005480.142	651851.8234
87	1005788.064	651994.1594
88	1005916.937	652001.9996
89	1005942.113	651993.8944
90	1006019.476	651998.3284
91	1006109.084	652038.9881
92	1006216.75	652065.8547
93	1006263.956	652068.8378
94	1006345.731	652088.0029
95	1006989.34	652358.073
96	1007194.22	652380.5035
97	1007594.537	652307.9853
98	1007756.016	652233.8604
99	1007900.57	652116.6113
100	1007977.801	652038.7029
101	1008085.557	651903.4524
102	1008182.009	651821.5997
103	1008320.676	651744.1527
104	1008533.293	651788.7032

**Coordenadas de Acera a construir
Calle La Forestal (Ave. Madden)
(DATUM WGS 84)**

No	Norte	Este
1	1001786.55	649840.178
2	1001784.55	649840.154
3	1001784.25	649836.598
4	1001782.18	649833.402
5	1001774.45	649827.821
6	1001762.11	649818.428
7	1001745.68	649805.56
8	1001726.98	649790.699
9	1001706.33	649774.398
10	1001693.47	649764.173
11	1001675.31	649749.768
12	1001675.26	649749.73
13	1001658.8	649736.686
14	1001643.09	649724.267
15	1001629.14	649713.261
16	1001629.12	649713.249
17	1001614.51	649701.724
18	1001613.92	649701.256
19	1001611.57	649699.39
20	1001601.73	649694.943
21	1001577.82	649676.053
22	1001568.7	649665.446
23	1001548.16	649649.205
24	1001538.1	649640.962
25	1001527.03	649632.887
26	1001524.47	649631.337
27	1001525.51	649629.627
28	1001528.14	649631.221
29	1001539.32	649639.379
30	1001549.42	649647.652
31	1001570.08	649663.989
32	1001579.21	649674.603
33	1001602.77	649693.221
34	1001612.62	649697.67
35	1001615.16	649699.69
36	1001615.75	649700.153
37	1001630.36	649711.679
38	1001630.37	649711.69

39	1001644.32	649722.697
40	1001660.04	649735.117
41	1001676.51	649748.163
42	1001676.55	649748.201
43	1001694.72	649762.606
44	1001707.58	649772.832
45	1001728.22	649789.129
46	1001746.92	649803.993
47	1001763.33	649816.847
48	1001775.65	649826.223
49	1001783.31	649831.757
50	1001786.21	649836.232
51	1001801.27	649844.769
52	1001806.9	649851.777
53	1001821.61	649860.195
54	1001827.61	649863.354
55	1001835.58	649867.234
56	1001848.25	649869.078
57	1001848.54	649867.601
58	1001836.13	649865.826
59	1001829.15	649862.447
60	1001822.34	649858.883
61	1001807.88	649850.612
62	1001801.61	649842.992
63	1001797.37	649844.83
64	1001795.03	649848.711
65	1001796.32	649849.485
66	1001798.13	649846.476
67	1001801.27	649844.769

**Coordenadas de cunetas a construir
Calle La Forestal (Ave. Madden)
(DATUM WGS 84)**

1	1001897.581	649875.0979
2	1001892.984	649876.622
3	1001881.68	649873.0804
4	1001870.823	649869.3417
5	1001862.128	649866.0575
6	1001850.654	649861.3326
7	1001842.53	649857.7162
8	1001836.332	649854.7447
9	1001824.137	649848.3602
10	1001812.186	649841.5561
11	1001798.588	649833.0564
12	1001788.018	649825.8292
13	1001780.222	649820.2127
14	1001779.887	649819.9583
15	1001780.793	649818.7632
16	1001781.129	649819.0176
17	1001788.924	649824.6341
18	1001799.494	649831.8614
19	1001813.092	649840.361
20	1001825.043	649847.1651
21	1001837.238	649853.5496
22	1001843.437	649856.5212
23	1001851.56	649860.1375
24	1001863.034	649864.8624
25	1001871.73	649868.1467
26	1001882.586	649871.8853
27	1001892.931	649875.0593
28	1001897.109	649873.6741
29	1001897.581	649875.0979
30	1001892.984	649876.622
31	1001959.617	649884.6663
32	1001959.186	649886.1758
33	1001952.538	649888.4928
34	1001938.664	649886.6068
35	1001930.425	649885.2659
36	1001919.748	649883.2394
37	1001909.166	649880.8548
38	1001902.753	649879.1779
39	1001900.466	649877.0791
40	1001901.481	649875.974
41	1001903.493	649877.8209
42	1001909.546	649879.4036
43	1001920.028	649881.7657

44	1001930.705	649883.7922
45	1001938.866	649885.1205
46	1001952.405	649886.9609
47	1002152.008	649909.0396
48	1002146.091	649910.5633
49	1002133.558	649909.1114
50	1002133.046	649909.0529
51	1002101.984	649905.5524
52	1002101.537	649905.5027
53	1002080.264	649903.1638
54	1002079.535	649903.0819
55	1002076.964	649902.7872
56	1002065.814	649900.0897
57	1002066.167	649898.6317
58	1002077.317	649901.3293
59	1002079.706	649901.5917
60	1002080.428	649901.6728
61	1002101.701	649904.0116
62	1002102.152	649904.0618
63	1002133.214	649907.5623
64	1002133.731	649907.6213
65	1002145.987	649909.0412
66	1002152.174	649907.4479
67	1002152.007	649909.0395
68	1002528.923	649961.4751
69	1002528.498	649963.0061
70	1002536.028	649968.228
71	1002584.401	649978.8493
72	1002584.857	649978.9501
73	1002604.359	649983.2897
74	1002604.482	649983.3172
75	1002627.015	649988.3124
76	1002627.073	649988.3253
77	1002646.737	649992.692
78	1002649.47	649993.2738
79	1002651.907	649993.7704
80	1002655.219	649994.4821
81	1002661.091	649995.8098
82	1002668.004	649993.462
83	1002668.626	649991.6666
84	1002661.009	649994.2534
85	1002655.55	649993.019
86	1002652.207	649992.3006
87	1002649.769	649991.804
88	1002647.062	649991.2277
89	1002627.398	649986.861
90	1002627.34	649986.848

91	1002604.807	649981.8527
92	1002604.685	649981.8255
93	1002585.183	649977.4859
94	1002584.723	649977.3842
95	1002536.64	649966.8265
96	1002525.626	649975.5515
97	1002525.637	649974.0515
98	1002532.229	649974.0998
99	1002582.997	649985.2469
100	1002583.434	649985.3437
101	1002602.936	649989.6833
102	1002603.065	649989.7119
103	1002625.597	649994.7071
104	1002625.653	649994.7196
105	1002645.317	649999.0862
106	1002648.162	649999.692
107	1002650.6	650000.1886
108	1002653.774	650000.8707
109	1002657.954	650001.8158
110	1002662.249	650006.2399
111	1002662.007	650008.1443
112	1002657.188	650003.1805
113	1002653.444	650002.3338
114	1002650.301	650001.6584
115	1002647.863	650001.1618
116	1002644.992	650000.5506
117	1002625.328	649996.1839
118	1002625.273	649996.1716
119	1002602.74	649991.1763
120	1002602.61	649991.1475
121	1002583.109	649986.8079
122	1002582.675	649986.712
123	1002532.061	649975.5987
124	1002870.755	650060.0688
125	1002862.868	650048.7403
126	1002855.647	650047.015
127	1002853.192	650046.4499
128	1002806.22	650036.0576
129	1002806.138	650036.0395
130	1002782.949	650030.9227
131	1002782.517	650030.828
132	1002762.653	650026.5061
133	1002761.496	650026.2498
134	1002740.889	650021.6058
135	1002740.178	650021.4473
136	1002722.474	650017.5476
137	1002716.786	650020.761

138	1002716.322	650019.3006
139	1002722.235	650015.9593
140	1002740.5	650019.9824
141	1002741.219	650020.1425
142	1002761.826	650024.7865
143	1002762.972	650025.0404
144	1002782.836	650029.3623
145	1002783.273	650029.4579
146	1002806.461	650034.5748
147	1002806.544	650034.593
148	1002853.516	650044.9854
149	1002855.996	650045.556
150	1002863.773	650047.4142
151	1002871.178	650058.0518
152	1003050.152	650149.4566
153	1003047.812	650147.3786
154	1003042.563	650146.5292
155	1003041.608	650145.6967
156	1003041.291	650145.4215
157	1003023.993	650130.4226
158	1003023.831	650130.2813
159	1003008.925	650117.317
160	1003008.481	650116.9324
161	1002996.121	650106.266
162	1002990.046	650101.2943
163	1002977.304	650091.4102
164	1002966.446	650083.7318
165	1002953.435	650075.3687
166	1002942.372	650068.9058
167	1002934.137	650064.5552
168	1002924.178	650059.7273
169	1002914.242	650055.3296
170	1002903.186	650050.9217
171	1002894.035	650047.6633
172	1002884.528	650044.6097
173	1002877.304	650042.5363
174	1002875.514	650042.034
175	1002868.932	650031.9501
176	1002868.668	650034.2908
177	1002874.57	650043.3313
178	1002876.89	650043.9781
179	1002884.114	650046.0515
180	1002893.532	650049.0764
181	1002902.683	650052.3348
182	1002913.635	650056.7013
183	1002923.571	650061.099
184	1002933.436	650065.8814

185	1002941.671	650070.2321
186	1002952.624	650076.6305
187	1002965.635	650084.9936
188	1002976.384	650092.5954
189	1002989.126	650102.4795
190	1002995.141	650107.4017
191	1003007.501	650118.0681
192	1003007.941	650118.4488
193	1003022.846	650131.4131
194	1003023.011	650131.5559
195	1003040.309	650146.5548
196	1003040.622	650146.8272
197	1003041.9	650147.9415
198	1003047.142	650148.7897
199	1003049.156	650150.5783
200	1003102.918	650192.4748
201	1003101.781	650193.8005
202	1003104.694	650202.4606
203	1003118.348	650214.5414
204	1003119.991	650216.0175
205	1003127.69	650223.0355
206	1003137.692	650233.1147
207	1003139.682	650235.3306
208	1003148.258	650235.9659
209	1003148.807	650234.5024
210	1003140.395	650233.8793
211	1003138.809	650232.1127
212	1003128.7	650221.927
213	1003121.002	650214.909
214	1003119.342	650213.418
215	1003105.988	650201.6027
216	1003252.756	650427.8053
217	1003254.262	650427.6684
218	1003251.391	650414.6041
219	1003251.119	650414.1677
220	1003234.66	650387.6799
221	1003234.555	650387.5114
222	1003221.042	650365.8354
223	1003220.972	650365.7238
224	1003211.32	650350.2086
225	1003206.19	650347.0096
226	1003205.704	650348.4745
227	1003210.23	650351.297
228	1003219.699	650366.5162
229	1003219.769	650366.6289
230	1003233.282	650388.3049
231	1003233.386	650388.4716

232	1003249.845	650414.9593
233	1003249.982	650415.1794
234	1003260.934	650415.1481
235	1003261.567	650413.6529
236	1003258.076	650410.1107
237	1003257.957	650409.919
238	1003241.497	650383.4312
239	1003241.386	650383.2526
240	1003227.873	650361.5767
241	1003227.808	650361.4714
242	1003218.865	650347.0979
243	1003217.72	650339.7899
244	1003216.329	650340.6068
245	1003217.431	650347.6315
246	1003226.534	650362.2638
247	1003226.6	650362.3702
248	1003240.113	650384.0462
249	1003240.223	650384.2229
250	1003256.683	650410.7106
251	1003256.891	650411.0457
252	1003302.706	650524.3881
253	1003304.207	650524.2516
254	1003304.46	650499.5819
255	1003288.138	650473.4546
256	1003288.017	650473.2603
257	1003275.029	650452.3949
258	1003274.777	650451.9918
259	1003263.452	650433.9393
260	1003263.089	650433.3591
261	1003257.349	650429.3181
262	1003257.165	650431.0232
263	1003261.977	650434.4103
264	1003262.181	650434.7364
265	1003273.506	650452.789
266	1003273.755	650453.1876
267	1003286.744	650474.053
268	1003286.866	650474.2494
269	1003302.956	650500.0049
270	1003315.063	650487.6157
271	1003315.506	650486.1826
272	1003303.489	650482.8333
273	1003294.966	650469.1895
274	1003294.851	650469.0062
275	1003281.863	650448.1408
276	1003281.596	650447.7138
277	1003270.271	650429.6612
278	1003270.085	650429.3648

279	1003265.314	650415.7825
280	1003264.096	650416.8395
281	1003268.725	650430.0177
282	1003269	650430.4584
283	1003280.325	650448.5109
284	1003280.59	650448.9335
285	1003293.578	650469.7989
286	1003293.693	650469.9842
287	1003302.525	650484.1219
288	1003315.063	650487.6163
289	1003556.149	650828.3157
290	1003544.209	650828.8828
291	1003540.512	650825.6669
292	1003538.124	650823.5395
293	1003526.31	650812.7575
294	1003521.912	650808.5571
295	1003512.456	650799.1048
296	1003508.76	650795.2603
297	1003499.6	650785.3445
298	1003495.707	650780.9404
299	1003488.81	650772.7838
300	1003485.061	650768.1435
301	1003476.779	650757.4128
302	1003473.791	650753.3882
303	1003465.021	650741.1009
304	1003461.701	650736.227
305	1003450.93	650719.6372
306	1003449.671	650717.6599
307	1003439.519	650701.4083
308	1003439.099	650700.731
309	1003428.848	650684.101
310	1003428.784	650683.997
311	1003418.816	650667.8581
312	1003417.755	650657.9644
313	1003416.272	650658.2014
314	1003417.361	650668.3566
315	1003427.507	650684.7852
316	1003427.571	650684.8881
317	1003437.822	650701.5181
318	1003438.247	650702.203
319	1003448.399	650718.4546
320	1003449.672	650720.454
321	1003460.443	650737.0438
322	1003463.8	650741.9723
323	1003472.57	650754.2596
324	1003475.591	650758.3293
325	1003483.874	650769.06

326	1003487.665	650773.7523
327	1003494.562	650781.9089
328	1003498.498	650786.3624
329	1003507.658	650796.2781
330	1003511.395	650800.1657
331	1003520.852	650809.618
332	1003525.299	650813.8655
333	1003537.113	650824.6475
334	1003539.527	650826.7987
335	1003543.679	650830.4097
336	1003555.797	650829.8341
337	1003559.811	650833.5215
338	1003561.319	650843.7007
339	1003570.931	650851.9342
340	1003571.873	650852.7485
341	1003587.565	650866.4291
342	1003588.281	650867.0487
343	1003605.341	650881.7105
344	1003605.568	650881.9056
345	1003622.051	650896.1314
346	1003622.219	650896.277
347	1003639.874	650911.5619
348	1003639.88	650911.567
349	1003658.227	650927.4531
350	1003658.331	650927.5433
351	1003662.475	650931.1238
352	1003670.404	650932.0553
353	1003670.229	650933.5451
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355	1003657.351	650928.6783
356	1003657.245	650928.5871
357	1003638.898	650912.701
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360	1003621.071	650897.267
361	1003604.588	650883.0412
362	1003604.364	650882.8481
363	1003587.303	650868.1863
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365	1003570.887	650853.8792
366	1003569.955	650853.0734
367	1003559.917	650844.4752
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371	1003736.587	651005.7079
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376	1003708.853	650985.0635
377	1003707.831	650986.3249
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384	1003739.793	651018.5523
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387	1003715.791	650975.6121
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396	1003757.158	651014.3002
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896	1006066.265	652016.4116
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898	1006078.013	652021.817
899	1006099.163	652031.5546
900	1006099.436	652031.6784
901	1006113.439	652037.972
902	1006114.524	652038.4365
903	1006128.826	652044.2583
904	1006130.866	652045.0111
905	1006152.711	652052.2654
906	1006154.755	652052.8713
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908	1006171.182	652057.0909
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1283	1007644.613	652296.3483
1284	1007644.113	652294.7821
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1286	1007754.37	652219.4863
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1308	1007694.968	652261.4784
1309	1007708.854	652253.6726
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1311	1007731.574	652238.7542
1312	1007732.733	652237.9416

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1316	1007935.085	652066.2615
1317	1007933.695	652065.6969
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1328	1007852.72	652140.2048
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1334	1007836.439	652155.2749
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1337	1007868.302	652129.5503
1338	1007868.381	652129.4868
1339	1007885.543	652115.5132
1340	1007885.942	652115.1819
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1349	1008176.897	651811.6063
1350	1008177.478	651811.2685
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1352	1008194.065	651801.8736
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**Coordenadas de tubos a construir
Calle La Forestal (Ave. Madden)
(DATUM WGS 84)**

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9	1002666.699	650000.3982
10	1002710.017	650009.9027
11	1002869.822	650045.4935
12	1003047.234	650156.9382
13	1003096.773	650199.9034
14	1003142.933	650243.855
15	1003210.289	650342.352
16	1003259.547	650421.4919
17	1003311.724	650505.0439
18	1003408.862	650660.853
19	1003547.684	650838.2334
20	1003666.015	650940.4926
21	1003710.943	650979.1673
22	1003757.015	651018.6029
23	1003868.691	651106.5804
24	1003867.422	651329.3636
25	1003849.664	651450.8832
26	1003887.043	651542.2316
27	1003953.856	651601.0772
28	1003991.585	651616.7552
29	1004221.002	651612.8448
30	1004314.508	651641.7975
31	1004380.362	651663.8073
32	1004504.377	651679.7501
33	1004677.647	651699.433
34	1004830.622	651734.9341
35	1004884.844	651745.0789
36	1004987.956	651764.486
37	1005173.277	651799.4963
38	1005235.673	651809.5867
39	1005368.292	651822.708
40	1005610.4	651903.8226
41	1005690.731	651941.0352
42	1005713.327	651951.4665

43	1005820.408	651997.4682
44	1005881.079	652001.7229
45	1005951.884	651983.5933
46	1006452.921	652124.7164
47	1006744.23	652247.0878
48	1006784.981	652264.1487
49	1006830.523	652283.2982
50	1006928.436	652324.4053
51	1007029.048	652364.1515
52	1007460.2	652324.8731
53	1007642.522	652287.7101
54	1007781.906	652203.5029
55	1007939.629	652070.3403
56	1008025.219	651967.2269
57	1008228.101	651786.807
58	1008273.541	651761.4568
59	1008453.192	651723.9266