

ANEJO

CARTOGRAFÍA, TOPOGRAFÍA Y REPLANTEO

1.- CARTOGRAFÍA Y TOPOGRAFÍA.

Para la redacción del presente “PROYECTO DE REFORMA INTEGRAL DE CALLE RICLA. ZARAGOZA” se ha tomado como referencia la cartografía base disponible en el visor de descargas de cartografía 1:500 del Ayuntamiento de Zaragoza.

Para complementar la cartografía de base se ha realizado un levantamiento topográfico “in situ” de la totalidad del ámbito de actuación, así como de los espacios urbanos consolidados adyacentes.

El levantamiento topográfico se ha referenciado a las coordenadas absolutas UTM ETRS89 basándose en las reseñas de los vértices existentes en el área de emplazamiento facilitados por el Servicio de Información Geográfica del Ayuntamiento de Zaragoza.

Los citados trabajos han consistido en la toma de datos “in situ” para posterior definición de los perfiles longitudinales y transversales de viario, así como la obtención de la planta topográfica del estado actual del viario. Se ha creado un modelo digital de terreno, mediante triangulación, a partir de los puntos tomados del levantamiento, para poder realizar los cálculos y mediciones correspondientes.

Se han identificado puntos de terreno así como la totalidad de puntos singulares y significativos existentes en el área de actuación y su entorno: bordillos, ríolas, caces, sumideros, delimitación de distintos pavimentos, bolardos, alcorques y especies arbóreas, muros, barandillas, elementos de mobiliario urbano, postes, farolas, semáforos, arquetas, pozos de registro, señalización, umbrales, etc. También se han ubicado los contenedores de residuos urbanos, zonas de carga - descarga y señalización horizontal actual.

En el plano de estado actual se reflejan la totalidad de los puntos topográficos anteriormente indicados.

2.- BASES DE REPLANTEO.

Se ha creado una red de bases de replanteo propia tomando como referencia los clavos de la red municipal. Las nuevas bases de replanteo se reflejan en el plano de estado actual. A continuación, se adjunta el listado de las citadas bases:

LISTADO DE BASES DE REPLANTEO UTM ETRS89

Nombre	Coordenada X	Coordenada Y	Coordenada Z
BR-1	675.673,001	4.612.550,130	214,071
BR-2	675.660,882	4.612.572,747	214,334
BR-3	675.653,780	4.612.559,791	214,269
BR-4	675.597,229	4.612.601,916	213,996
BR-5	675.601,742	4.612.611,607	214,041
BR-6	675.566,085	4.612.636,544	214,016
BR-7	675.552,786	4.612.633,415	214,011

LISTADO DE CLAVOS MUNICIPALES UTM ETRS89

Nombre	Coordenada X	Coordenada Y	Coordenada Z
17166	675.744,630	4.612.576,343	213,435
17711	675.629,097	4.612.506,495	214,652

3.- LISTADO DE PUNTOS.

Se adjunta el listado de puntos del levantamiento topográfico efectuado en el ámbito de actuación, en el sistema de coordenadas UTM ETRS89.

Nº	X	Y	Z	Código
1	675.674,096	4.612.548,220	214,051	SEMAFORO
2	675.664,457	4.612.551,289	214,318	SEMAFORO
3	675.659,930	4.612.552,717	214,308	BORDILLO
4	675.660,369	4.612.555,801	214,277	BORDILLO
5	675.660,542	4.612.558,156	214,258	BORDILLO
6	675.660,321	4.612.559,477	214,263	BORDILLO
7	675.659,741	4.612.561,076	214,158	BORDILLO
8	675.658,087	4.612.563,322	214,188	BORDILLO
9	675.657,441	4.612.563,851	214,295	BORDILLO
10	675.656,526	4.612.564,528	214,306	BORDILLO
11	675.653,833	4.612.563,698	214,177	BORDILLO
12	675.650,518	4.612.566,004	214,152	BORDILLO
13	675.643,544	4.612.570,779	214,055	BORDILLO
14	675.637,117	4.612.575,173	214,100	BORDILLO
15	675.628,963	4.612.580,719	214,015	BORDILLO
16	675.624,204	4.612.583,974	213,933	BORDILLO
17	675.615,730	4.612.589,758	214,015	BORDILLO
18	675.607,663	4.612.595,278	213,978	BORDILLO
19	675.598,279	4.612.601,682	213,989	BORDILLO
20	675.590,310	4.612.607,124	213,975	BORDILLO
21	675.579,967	4.612.614,191	213,944	BORDILLO
22	675.578,149	4.612.615,533	213,828	SUMIDERO
23	675.578,489	4.612.615,316	213,829	SUMIDERO
24	675.577,510	4.612.615,873	213,969	BORDILLO
25	675.571,430	4.612.620,054	214,010	BORDILLO
26	675.564,213	4.612.624,975	214,030	BORDILLO
27	675.563,003	4.612.625,680	214,035	BORDILLO
28	675.562,090	4.612.625,860	214,024	BORDILLO
29	675.563,514	4.612.624,560	214,094	SEMAFORO
30	675.564,703	4.612.623,744	214,058	BACULO ALUMBRADO
31	675.652,336	4.612.563,032	214,190	BUZON
32	675.652,159	4.612.563,508	214,188	BUZON
33	675.652,528	4.612.563,618	214,181	BUZON
34	675.651,873	4.612.563,974	214,187	BUZON
35	675.651,013	4.612.564,541	214,188	BUZON
36	675.650,735	4.612.564,105	214,198	BUZON
37	675.651,573	4.612.563,543	214,198	BUZON
38	675.653,875	4.612.562,827	214,190	BACULO ALUMBRADO
39	675.657,864	4.612.558,391	214,304	ARQUETA TRAFICO
40	675.657,503	4.612.557,929	214,318	ARQUETA TRAFICO
41	675.657,969	4.612.557,557	214,321	ARQUETA TRAFICO
42	675.658,332	4.612.558,030	214,308	ARQUETA TRAFICO
43	675.658,767	4.612.556,971	214,296	TRAMPILLON ABASTEC.
44	675.658,772	4.612.556,975	214,296	TRAMPILLON ABASTEC.
45	675.659,442	4.612.556,210	214,280	INCENDIOS
46	675.659,851	4.612.555,965	214,275	INCENDIOS
47	675.660,140	4.612.556,459	214,264	INCENDIOS
48	675.660,595	4.612.557,012	214,162	SUMIDERO

Nº	X	Y	Z	Código
49	675.660,874	4.612.557,001	214,171	SUMIDERO
50	675.660,869	4.612.557,437	214,175	SUMIDERO
51	675.660,630	4.612.557,459	214,164	SUMIDERO
52	675.656,538	4.612.558,711	214,331	RED ELECTRICA
53	675.656,241	4.612.558,223	214,341	RED ELECTRICA
54	675.655,744	4.612.558,524	214,329	RED ELECTRICA
55	675.656,065	4.612.559,007	214,317	RED ELECTRICA
56	675.656,192	4.612.558,030	214,348	FACHADA
57	675.655,582	4.612.557,055	214,380	ENTRADA
58	675.654,439	4.612.555,163	214,382	ENTRADA
59	675.652,902	4.612.552,654	214,375	ENTRADA
60	675.651,121	4.612.549,676	214,378	FACHADA
61	675.663,515	4.612.549,177	214,304	BORDILLO
62	675.664,096	4.612.552,580	214,331	BORDILLO
63	675.664,737	4.612.556,269	214,320	BORDILLO
64	675.665,038	4.612.557,763	214,321	BORDILLO
65	675.665,313	4.612.558,610	214,308	BORDILLO
66	675.665,638	4.612.559,235	214,299	BORDILLO
67	675.666,742	4.612.561,021	214,266	BORDILLO
68	675.668,077	4.612.563,088	214,229	BORDILLO
69	675.668,919	4.612.550,371	214,190	BACULO ALUMBRADO
70	675.668,262	4.612.553,569	214,210	ALUMBRADO PUBLICO
71	675.668,649	4.612.554,056	214,197	ALUMBRADO PUBLICO
72	675.668,154	4.612.554,400	214,215	ALUMBRADO PUBLICO
73	675.667,820	4.612.553,928	214,221	ALUMBRADO PUBLICO
74	675.668,959	4.612.549,672	214,153	ALUMBRADO PUBLICO
75	675.669,225	4.612.549,141	214,161	ALUMBRADO PUBLICO
76	675.669,689	4.612.549,371	214,155	ALUMBRADO PUBLICO
77	675.669,554	4.612.549,887	214,162	ALUMBRADO PUBLICO
78	675.671,139	4.612.548,141	214,099	ARQUETA TRAFICO
79	675.671,295	4.612.547,981	214,099	ARQUETA TRAFICO
80	675.670,922	4.612.547,341	214,077	ARQUETA TRAFICO
81	675.670,644	4.612.547,847	214,100	ARQUETA TRAFICO
82	675.664,516	4.612.547,637	214,273	ARQUETA TRAFICO
83	675.665,135	4.612.547,601	214,249	ARQUETA TRAFICO
84	675.665,171	4.612.548,169	214,265	ARQUETA TRAFICO
85	675.664,575	4.612.548,215	214,278	ARQUETA TRAFICO
86	675.662,920	4.612.545,824	214,255	BORDILLO
87	675.659,057	4.612.546,711	214,296	BORDILLO
88	675.658,677	4.612.544,376	214,278	BORDILLO
89	675.656,243	4.612.545,011	214,293	ARQUETA TRAFICO
90	675.655,629	4.612.544,958	214,299	ARQUETA TRAFICO
91	675.655,653	4.612.545,552	214,307	ARQUETA TRAFICO
92	675.656,240	4.612.545,611	214,304	ARQUETA TRAFICO
93	675.649,889	4.612.547,684	214,385	FACHADA
94	675.650,197	4.612.547,644	214,369	TOMA DE AGUA
95	675.650,383	4.612.548,001	214,379	TOMA DE AGUA
96	675.650,714	4.612.547,834	214,374	TOMA DE AGUA

Nº	X	Y	Z	Código
97	675.650,550	4.612.547,485	214,368	TOMA DE AGUA
98	675.661,380	4.612.564,373	214,226	TRAMPILLON ABASTEC.
99	675.655,473	4.612.563,470	214,260	ARQUETA TRAFICO
100	675.655,047	4.612.563,040	214,227	ARQUETA TRAFICO
101	675.654,658	4.612.563,445	214,212	ARQUETA TRAFICO
102	675.655,063	4.612.563,826	214,246	ARQUETA TRAFICO
103	675.654,692	4.612.562,162	214,206	ALUMBRADO PUBLICO
104	675.654,388	4.612.561,661	214,219	ALUMBRADO PUBLICO
105	675.653,870	4.612.561,960	214,210	ALUMBRADO PUBLICO
106	675.654,157	4.612.562,433	214,201	ALUMBRADO PUBLICO
107	675.656,492	4.612.563,768	214,340	SEMAFORO
108	675.653,341	4.612.560,024	214,261	FACHADA
109	675.645,287	4.612.565,532	214,252	FACHADA
110	675.642,322	4.612.567,494	214,248	ENTRADA
111	675.640,519	4.612.568,732	214,238	ENTRADA
112	675.641,442	4.612.568,118	214,392	COTA UMBRAL
113	675.644,659	4.612.568,593	214,046	ARBOL
114	675.650,323	4.612.563,064	214,223	RED GAS
115	675.642,956	4.612.570,289	214,128	BACULO ALUMBRADO
116	675.642,809	4.612.570,671	214,134	ALUMBRADO PUBLICO
117	675.642,311	4.612.571,002	214,143	ALUMBRADO PUBLICO
118	675.642,459	4.612.570,189	214,138	ALUMBRADO PUBLICO
119	675.641,993	4.612.570,542	214,145	ALUMBRADO PUBLICO
120	675.640,286	4.612.571,858	214,164	ARBOL
121	675.636,210	4.612.571,672	214,202	ENTRADA
122	675.633,689	4.612.573,410	214,206	ENTRADA
123	675.635,030	4.612.572,465	214,265	COTA UMBRAL
124	675.635,724	4.612.574,820	214,054	ARBOL
125	675.632,576	4.612.574,716	214,175	RED GAS
126	675.632,928	4.612.574,495	214,171	RED GAS
127	675.632,691	4.612.574,173	214,189	RED GAS
128	675.632,351	4.612.574,390	214,197	RED GAS
129	675.632,071	4.612.574,549	214,196	ENTRADA
130	675.630,963	4.612.575,305	214,188	ENTRADA
131	675.631,524	4.612.574,906	214,216	COTA UMBRAL
132	675.629,283	4.612.576,424	214,206	ENTRADA
133	675.626,862	4.612.578,057	214,192	ENTRADA
134	675.628,102	4.612.577,189	214,194	COTA UMBRAL
135	675.623,250	4.612.580,552	214,175	ENTRADA
136	675.622,460	4.612.581,083	214,178	ENTRADA
137	675.622,885	4.612.580,831	214,172	COTA UMBRAL
138	675.620,909	4.612.582,226	214,241	ENTRADA
139	675.618,725	4.612.583,684	214,239	ENTRADA
140	675.619,840	4.612.582,913	214,173	COTA UMBRAL
141	675.617,020	4.612.584,831	214,181	ENTRADA
142	675.615,156	4.612.586,099	214,160	ENTRADA
143	675.616,162	4.612.585,454	214,184	COTA UMBRAL
144	675.621,447	4.612.582,630	214,111	TOMA DE AGUA

Nº	X	Y	Z	Código
145	675.621,245	4.612.582,314	214,150	TOMA DE AGUA
146	675.621,578	4.612.582,091	214,151	TOMA DE AGUA
147	675.621,775	4.612.582,404	214,112	TOMA DE AGUA
148	675.621,735	4.612.582,226	214,133	RED GAS
149	675.621,529	4.612.581,901	214,164	RED GAS
150	675.621,849	4.612.581,705	214,166	RED GAS
151	675.622,070	4.612.582,015	214,138	RED GAS
152	675.630,867	4.612.576,536	214,141	TOMA DE AGUA
153	675.630,681	4.612.576,205	214,163	TOMA DE AGUA
154	675.631,017	4.612.575,984	214,170	TOMA DE AGUA
155	675.631,201	4.612.576,295	214,146	TOMA DE AGUA
156	675.633,028	4.612.577,666	214,087	TELECOMUNICACIONES
157	675.632,484	4.612.578,048	214,083	TELECOMUNICACIONES
158	675.632,100	4.612.577,518	214,102	TELECOMUNICACIONES
159	675.632,657	4.612.577,122	214,112	TELECOMUNICACIONES
160	675.661,226	4.612.567,777	214,185	RED ABASTECIMIENTO
161	675.660,897	4.612.567,411	214,203	RED ABASTECIMIENTO
162	675.661,399	4.612.567,290	214,197	RED ABASTECIMIENTO
163	675.660,861	4.612.569,904	214,247	ARBOL
164	675.659,874	4.612.569,998	214,288	SEMAFORO
165	675.658,722	4.612.570,931	214,210	BACULO ALUMBRADO
166	675.659,244	4.612.570,632	214,226	ARQUETA TRAFICO
167	675.659,725	4.612.570,314	214,276	ARQUETA TRAFICO
168	675.660,015	4.612.570,773	214,300	ARQUETA TRAFICO
169	675.659,548	4.612.571,104	214,250	ARQUETA TRAFICO
170	675.658,150	4.612.572,185	214,210	ALUMBRADO PUBLICO
171	675.658,312	4.612.571,394	214,198	ALUMBRADO PUBLICO
172	675.657,841	4.612.571,697	214,202	ALUMBRADO PUBLICO
173	675.658,604	4.612.571,886	214,202	ALUMBRADO PUBLICO
174	675.656,580	4.612.573,599	214,241	RED GAS
175	675.656,092	4.612.573,940	214,244	RED GAS
176	675.656,440	4.612.574,412	214,247	RED GAS
177	675.656,915	4.612.574,089	214,247	RED GAS
178	675.656,692	4.612.572,770	214,118	ARBOL
179	675.664,168	4.612.573,024	214,313	ENTRADA
180	675.662,694	4.612.572,775	214,322	ENTRADA
181	675.663,424	4.612.572,893	214,315	COTA UMBRAL
182	675.665,455	4.612.569,431	214,160	BORDILLO
183	675.664,590	4.612.568,792	214,178	BORDILLO
184	675.663,488	4.612.568,412	214,148	BORDILLO
185	675.662,475	4.612.568,338	214,169	BORDILLO
186	675.661,493	4.612.568,506	214,180	BORDILLO
187	675.660,534	4.612.568,929	214,289	BORDILLO
188	675.658,608	4.612.570,164	214,167	BORDILLO
189	675.655,496	4.612.572,311	214,176	BORDILLO
190	675.651,479	4.612.575,019	214,124	BORDILLO
191	675.648,512	4.612.577,092	214,115	BORDILLO
192	675.661,376	4.612.572,532	214,350	FACHADA

Nº	X	Y	Z	Código
193	675.656,619	4.612.575,738	214,280	ENTRADA
194	675.657,044	4.612.575,488	214,430	COTA UMBRAL
195	675.657,504	4.612.575,165	214,272	ENTRADA
196	675.654,635	4.612.575,495	214,223	RED GAS
197	675.654,382	4.612.575,153	214,226	RED GAS
198	675.654,064	4.612.575,386	214,218	RED GAS
199	675.654,299	4.612.575,751	214,219	RED GAS
200	675.652,191	4.612.578,821	214,263	ENTRADA
201	675.650,615	4.612.579,901	214,251	ENTRADA
202	675.651,103	4.612.579,569	214,470	COTA UMBRAL
203	675.652,206	4.612.575,881	214,445	ARBOL
204	675.649,413	4.612.571,921	214,288	RED SANEAMIENTO
205	675.649,132	4.612.571,414	214,280	RED SANEAMIENTO
206	675.648,876	4.612.571,940	214,278	RED SANEAMIENTO
207	675.668,427	4.612.563,638	214,230	BORDILLO
208	675.670,198	4.612.566,380	214,189	BORDILLO
209	675.670,773	4.612.567,306	214,177	BORDILLO
210	675.672,676	4.612.566,171	214,099	BORDILLO
211	675.675,363	4.612.570,540	214,074	BORDILLO
212	675.668,682	4.612.574,328	214,188	BORDILLO
213	675.666,943	4.612.571,477	214,226	BORDILLO
214	675.665,785	4.612.569,358	214,143	RED ABASTECIMIENTO
215	675.665,550	4.612.568,886	214,148	RED ABASTECIMIENTO
216	675.666,144	4.612.568,977	214,147	RED ABASTECIMIENTO
217	675.665,853	4.612.569,590	214,120	TRAMPILLON ABASTEC.
218	675.665,447	4.612.569,666	214,151	TRAMPILLON ABASTEC.
219	675.665,782	4.612.570,857	214,246	SEMAFORO
220	675.665,494	4.612.573,208	214,283	FACHADA
221	675.667,260	4.612.576,033	214,239	FACHADA
222	675.670,977	4.612.566,542	214,182	SEMAFORO
223	675.671,521	4.612.565,880	214,136	RED ABASTECIMIENTO
224	675.672,100	4.612.565,871	214,118	RED ABASTECIMIENTO
225	675.671,730	4.612.565,408	214,127	RED ABASTECIMIENTO
226	675.672,235	4.612.565,506	214,104	TRAMPILLON ABASTEC.
227	675.671,913	4.612.564,955	214,141	TRAMPILLON ABASTEC.
228	675.670,983	4.612.564,490	214,148	RED ABASTECIMIENTO
229	675.670,546	4.612.564,204	214,161	RED ABASTECIMIENTO
230	675.670,962	4.612.563,870	214,148	RED ABASTECIMIENTO
231	675.672,262	4.612.561,629	214,119	ARQUETA TRAFICO
232	675.672,744	4.612.561,285	214,106	ARQUETA TRAFICO
233	675.673,061	4.612.561,770	214,103	ARQUETA TRAFICO
234	675.672,582	4.612.562,099	214,124	ARQUETA TRAFICO
235	675.646,374	4.612.582,807	214,243	FACHADA
236	675.643,788	4.612.584,587	214,213	ENTRADA
237	675.642,966	4.612.585,127	214,208	ENTRADA
238	675.643,489	4.612.585,023	214,414	COTA UMBRAL
239	675.641,952	4.612.585,843	214,211	ENTRADA
240	675.640,910	4.612.586,540	214,224	ENTRADA

Nº	X	Y	Z	Código
241	675.641,483	4.612.586,215	214,236	COTA UMBRAL
242	675.635,191	4.612.590,492	214,200	ENTRADA
243	675.634,176	4.612.591,151	214,192	ENTRADA
244	675.634,678	4.612.590,808	214,194	COTA UMBRAL
245	675.633,272	4.612.591,730	214,179	ENTRADA
246	675.632,260	4.612.592,404	214,175	ENTRADA
247	675.632,768	4.612.592,086	214,217	COTA UMBRAL
248	675.628,677	4.612.594,796	214,153	ENTRADA
249	675.626,595	4.612.596,210	214,152	ENTRADA
250	675.627,695	4.612.595,502	214,156	COTA UMBRAL
251	675.625,871	4.612.596,763	214,132	ENTRADA
252	675.624,794	4.612.597,544	214,142	ENTRADA
253	675.625,244	4.612.597,224	214,210	COTA UMBRAL
254	675.623,993	4.612.598,061	214,134	ENTRADA
255	675.621,946	4.612.599,464	214,110	ENTRADA
256	675.622,930	4.612.598,800	214,222	COTA UMBRAL
257	675.620,754	4.612.600,272	214,119	ENTRADA
258	675.618,734	4.612.601,656	214,097	ENTRADA
259	675.619,713	4.612.601,002	214,118	COTA UMBRAL
260	675.617,647	4.612.602,400	214,154	ENTRADA
261	675.616,538	4.612.603,145	214,158	ENTRADA
262	675.617,116	4.612.602,771	214,156	COTA UMBRAL
263	675.615,472	4.612.603,870	214,090	ENTRADA
264	675.613,454	4.612.605,264	214,074	ENTRADA
265	675.614,407	4.612.604,617	214,094	COTA UMBRAL
266	675.612,585	4.612.605,893	214,022	ENTRADA
267	675.610,533	4.612.607,312	214,041	ENTRADA
268	675.611,613	4.612.606,589	214,115	COTA UMBRAL
269	675.609,490	4.612.608,005	214,082	ENTRADA
270	675.608,331	4.612.608,806	214,082	ENTRADA
271	675.608,916	4.612.608,422	214,108	COTA UMBRAL
272	675.607,301	4.612.609,507	214,081	ENTRADA
273	675.605,209	4.612.610,934	214,051	ENTRADA
274	675.606,213	4.612.610,312	214,079	COTA UMBRAL
275	675.601,274	4.612.613,628	214,081	ENTRADA
276	675.600,143	4.612.614,397	214,069	ENTRADA
277	675.600,753	4.612.614,023	214,249	COTA UMBRAL
278	675.598,738	4.612.615,226	214,059	ENTRADA
279	675.597,314	4.612.616,178	214,069	ENTRADA
280	675.598,141	4.612.615,702	214,216	COTA UMBRAL
281	675.595,479	4.612.617,647	214,065	ENTRADA
282	675.594,436	4.612.618,238	214,068	ENTRADA
283	675.594,980	4.612.617,993	214,205	COTA UMBRAL
284	675.592,962	4.612.619,282	214,072	ENTRADA
285	675.591,827	4.612.619,993	214,070	ENTRADA
286	675.592,442	4.612.619,681	214,124	COTA UMBRAL
287	675.589,507	4.612.618,702	214,071	ARBOL
288	675.591,089	4.612.619,321	214,054	TELECOMUNICACIONES

Nº	X	Y	Z	Código
289	675.591,611	4.612.618,933	214,058	TELECOMUNICACIONES
290	675.591,986	4.612.619,469	214,071	TELECOMUNICACIONES
291	675.591,465	4.612.619,843	214,066	TELECOMUNICACIONES
292	675.592,613	4.612.619,126	214,065	TOMA DE AGUA
293	675.592,391	4.612.618,808	214,058	TOMA DE AGUA
294	675.592,712	4.612.618,590	214,060	TOMA DE AGUA
295	675.592,932	4.612.618,901	214,056	TOMA DE AGUA
296	675.593,837	4.612.615,753	213,951	ARBOL
297	675.596,202	4.612.616,353	214,052	RED GAS
298	675.596,547	4.612.613,923	214,013	ALUMBRADO PUBLICO
299	675.597,031	4.612.613,593	214,025	ALUMBRADO PUBLICO
300	675.598,559	4.612.612,575	213,990	ARBOL
301	675.599,483	4.612.614,209	214,040	RED GAS
302	675.599,798	4.612.613,987	214,037	RED GAS
303	675.600,019	4.612.614,293	214,056	RED GAS
304	675.599,698	4.612.614,521	214,054	RED GAS
305	675.600,268	4.612.614,094	214,056	TOMA DE AGUA
306	675.600,057	4.612.613,771	214,053	TOMA DE AGUA
307	675.600,364	4.612.613,554	214,050	TOMA DE AGUA
308	675.600,592	4.612.613,871	214,063	TOMA DE AGUA
309	675.603,090	4.612.609,378	213,973	ARBOL
310	675.606,957	4.612.608,939	214,050	TOMA DE AGUA
311	675.607,177	4.612.609,240	214,070	TOMA DE AGUA
312	675.607,495	4.612.609,028	214,078	TOMA DE AGUA
313	675.607,274	4.612.608,723	214,061	TOMA DE AGUA
314	675.607,660	4.612.609,053	214,082	RED GAS
315	675.607,442	4.612.608,731	214,061	RED GAS
316	675.607,765	4.612.608,502	214,057	RED GAS
317	675.607,991	4.612.608,817	214,070	RED GAS
318	675.607,877	4.612.606,079	213,981	ARBOL
319	675.609,691	4.612.604,869	213,972	ALUMBRADO PUBLICO
320	675.610,160	4.612.604,550	213,968	ALUMBRADO PUBLICO
321	675.612,195	4.612.603,208	214,010	ARBOL
322	675.614,633	4.612.603,676	214,089	TOMA DE AGUA
323	675.614,858	4.612.604,005	214,091	TOMA DE AGUA
324	675.615,175	4.612.603,781	214,087	TOMA DE AGUA
325	675.614,949	4.612.603,448	214,081	TOMA DE AGUA
326	675.616,143	4.612.603,265	214,145	RED GAS
327	675.616,467	4.612.603,054	214,144	RED GAS
328	675.616,247	4.612.602,715	214,101	RED GAS
329	675.615,912	4.612.602,951	214,103	RED GAS
330	675.616,700	4.612.600,039	213,992	ARBOL
331	675.621,304	4.612.596,885	214,028	ARBOL
332	675.624,021	4.612.597,470	214,095	RED GAS
333	675.624,237	4.612.597,782	214,125	RED GAS
334	675.624,575	4.612.597,573	214,131	RED GAS
335	675.624,358	4.612.597,244	214,094	RED GAS
336	675.624,797	4.612.597,313	214,128	TOMA DE AGUA

Nº	X	Y	Z	Código
337	675.624,575	4.612.596,980	214,105	TOMA DE AGUA
338	675.624,893	4.612.596,781	214,105	TOMA DE AGUA
339	675.625,108	4.612.597,093	214,128	TOMA DE AGUA
340	675.625,768	4.612.596,399	214,121	TELECOMUNICACIONES
341	675.625,412	4.612.595,852	214,091	TELECOMUNICACIONES
342	675.625,920	4.612.595,488	214,096	TELECOMUNICACIONES
343	675.626,315	4.612.596,016	214,128	TELECOMUNICACIONES
344	675.624,820	4.612.594,084	214,057	BACULO ALUMBRADO
345	675.625,442	4.612.594,201	214,060	ALUMBRADO PUBLICO
346	675.625,934	4.612.593,879	214,068	ALUMBRADO PUBLICO
347	675.625,592	4.612.593,420	214,054	ALUMBRADO PUBLICO
348	675.625,128	4.612.593,741	214,051	ALUMBRADO PUBLICO
349	675.627,998	4.612.591,807	214,079	VALLA
350	675.632,154	4.612.588,897	214,104	VALLA
351	675.630,134	4.612.590,939	214,054	ARBOL
352	675.633,866	4.612.589,956	214,105	TOMA DE AGUA
353	675.633,662	4.612.589,646	214,102	TOMA DE AGUA
354	675.633,978	4.612.589,427	214,102	TOMA DE AGUA
355	675.634,181	4.612.589,728	214,102	TOMA DE AGUA
356	675.634,382	4.612.587,602	214,086	BACULO ALUMBRADO
357	675.636,370	4.612.586,814	214,103	ALUMBRADO PUBLICO
358	675.636,848	4.612.586,486	214,112	ALUMBRADO PUBLICO
359	675.636,523	4.612.586,013	214,101	ALUMBRADO PUBLICO
360	675.636,037	4.612.586,329	214,091	ALUMBRADO PUBLICO
361	675.639,114	4.612.584,747	214,068	ARBOL
362	675.639,976	4.612.586,587	214,168	RED GAS
363	675.640,203	4.612.586,913	214,185	RED GAS
364	675.640,546	4.612.586,695	214,209	RED GAS
365	675.640,327	4.612.586,351	214,178	RED GAS
366	675.640,524	4.612.586,258	214,196	TOMA DE AGUA
367	675.640,746	4.612.586,592	214,219	TOMA DE AGUA
368	675.641,072	4.612.586,369	214,219	TOMA DE AGUA
369	675.640,864	4.612.586,050	214,198	TOMA DE AGUA
370	675.641,548	4.612.585,535	214,197	TELECOMUNICACIONES
371	675.641,243	4.612.585,031	214,190	TELECOMUNICACIONES
372	675.641,748	4.612.584,715	214,176	TELECOMUNICACIONES
373	675.642,074	4.612.585,192	214,179	TELECOMUNICACIONES
374	675.643,710	4.612.581,600	214,106	ARBOL
375	675.644,543	4.612.581,027	214,153	ALUMBRADO PUBLICO
376	675.645,025	4.612.580,703	214,165	ALUMBRADO PUBLICO
377	675.644,703	4.612.580,228	214,153	ALUMBRADO PUBLICO
378	675.644,225	4.612.580,538	214,140	ALUMBRADO PUBLICO
379	675.645,705	4.612.579,910	214,168	BACULO ALUMBRADO
380	675.610,453	4.612.603,854	213,961	BACULO ALUMBRADO
381	675.609,854	4.612.604,059	213,960	ALUMBRADO PUBLICO
382	675.609,382	4.612.604,381	213,960	ALUMBRADO PUBLICO
383	675.606,979	4.612.606,408	214,008	RED SANEAMIENTO
384	675.606,351	4.612.606,877	214,003	RED SANEAMIENTO

Nº	X	Y	Z	Código
385	675.596,218	4.612.613,448	214,004	ALUMBRADO PUBLICO
386	675.596,685	4.612.613,120	214,010	ALUMBRADO PUBLICO
387	675.595,923	4.612.613,835	214,003	BACULO ALUMBRADO
388	675.589,765	4.612.617,158	213,907	SUMIDERO
389	675.590,098	4.612.616,942	213,913	SUMIDERO
390	675.589,964	4.612.616,707	213,926	SUMIDERO
391	675.604,112	4.612.602,651	214,160	RED SANEAMIENTO
392	675.603,925	4.612.603,053	214,147	RED SANEAMIENTO
393	675.599,778	4.612.606,092	214,114	RED ABASTECIMIENTO
394	675.600,039	4.612.606,643	214,104	RED ABASTECIMIENTO
395	675.600,203	4.612.606,128	214,103	RED ABASTECIMIENTO
396	675.601,066	4.612.609,530	213,937	BORDILLO
397	675.609,655	4.612.603,694	213,929	BORDILLO
398	675.616,010	4.612.599,378	214,011	BORDILLO
399	675.626,111	4.612.592,418	214,044	BORDILLO
400	675.634,747	4.612.586,525	214,091	BORDILLO
401	675.650,946	4.612.575,396	214,132	BORDILLO
402	675.594,472	4.612.614,033	213,975	BORDILLO
403	675.586,326	4.612.619,621	213,953	BORDILLO
404	675.578,803	4.612.624,760	213,917	BORDILLO
405	675.573,467	4.612.628,430	213,899	BORDILLO
406	675.568,057	4.612.632,178	214,005	BORDILLO
407	675.566,447	4.612.633,323	213,952	BORDILLO
408	675.565,469	4.612.634,331	213,929	BORDILLO
409	675.564,933	4.612.635,622	213,915	BORDILLO
410	675.564,754	4.612.636,484	213,952	BORDILLO
411	675.564,684	4.612.637,338	213,979	BORDILLO
412	675.564,773	4.612.638,325	213,958	BORDILLO
413	675.564,823	4.612.638,618	213,967	BORDILLO
414	675.565,302	4.612.636,897	213,988	RED GAS
415	675.565,078	4.612.636,576	213,975	RED GAS
416	675.565,398	4.612.636,341	213,989	RED GAS
417	675.565,626	4.612.636,669	213,998	RED GAS
418	675.566,476	4.612.636,118	214,023	RED GAS
419	675.566,137	4.612.635,628	214,018	RED GAS
420	675.566,609	4.612.635,284	214,041	RED GAS
421	675.566,945	4.612.635,760	214,069	RED GAS
422	675.566,345	4.612.636,517	214,028	ARQUETA TRAFICO
423	675.566,152	4.612.637,065	214,018	ARQUETA TRAFICO
424	675.566,710	4.612.637,257	214,029	ARQUETA TRAFICO
425	675.566,888	4.612.636,708	214,026	ARQUETA TRAFICO
426	675.568,153	4.612.635,672	214,058	RED ELECTRICA
427	675.568,448	4.612.635,454	214,056	RED ELECTRICA
428	675.568,659	4.612.635,771	214,059	RED ELECTRICA
429	675.568,350	4.612.635,959	214,060	RED ELECTRICA
430	675.566,762	4.612.634,414	213,963	ARBOL
431	675.567,826	4.612.633,124	214,056	SEMAFORO
432	675.568,942	4.612.632,457	214,026	BACULO ALUMBRADO

Nº	X	Y	Z	Código
433	675.568,971	4.612.633,153	214,044	ALUMBRADO PUBLICO
434	675.569,315	4.612.633,631	214,052	ALUMBRADO PUBLICO
435	675.569,795	4.612.633,296	214,043	ALUMBRADO PUBLICO
436	675.569,461	4.612.632,815	214,028	ALUMBRADO PUBLICO
437	675.571,126	4.612.631,280	213,898	ARBOL
438	675.578,185	4.612.629,351	214,042	RED ELECTRICA
439	675.577,497	4.612.628,350	214,008	RED ELECTRICA
440	675.579,074	4.612.627,253	214,016	RED ELECTRICA
441	675.579,756	4.612.628,237	214,050	RED ELECTRICA
442	675.578,174	4.612.629,089	214,052	RED ELECTRICA
443	675.578,700	4.612.628,629	214,053	RED ELECTRICA
444	675.578,081	4.612.628,318	214,028	RED ELECTRICA
445	675.623,573	4.612.584,463	213,850	SUMIDERO
446	675.623,923	4.612.584,243	213,824	SUMIDERO
447	675.624,069	4.612.584,472	213,841	SUMIDERO
448	675.623,727	4.612.584,697	213,861	SUMIDERO
449	675.619,020	4.612.586,186	214,029	PARQUIMETRO
450	675.618,555	4.612.586,503	214,037	PARQUIMETRO
451	675.618,724	4.612.586,736	214,024	PARQUIMETRO
452	675.619,152	4.612.586,450	214,011	PARQUIMETRO
453	675.617,067	4.612.588,118	214,039	ALUMBRADO PUBLICO
454	675.616,573	4.612.588,452	214,039	ALUMBRADO PUBLICO
455	675.616,256	4.612.587,971	214,070	ALUMBRADO PUBLICO
456	675.616,754	4.612.587,647	214,075	ALUMBRADO PUBLICO
457	675.613,513	4.612.590,032	214,016	ARBOL
458	675.587,787	4.612.622,143	214,045	TOMA DE AGUA
459	675.588,030	4.612.622,449	214,053	TOMA DE AGUA
460	675.587,717	4.612.622,680	214,054	TOMA DE AGUA
461	675.587,491	4.612.622,363	214,040	TOMA DE AGUA
462	675.587,138	4.612.622,504	214,046	RED GAS
463	675.587,362	4.612.622,365	214,051	RED GAS
464	675.587,505	4.612.622,573	214,050	RED GAS
465	675.587,306	4.612.622,702	214,046	RED GAS
466	675.584,909	4.612.621,978	213,921	ARBOL
467	675.583,094	4.612.623,186	213,976	ALUMBRADO PUBLICO
468	675.582,626	4.612.623,502	213,976	ALUMBRADO PUBLICO
469	675.582,955	4.612.623,971	213,993	ALUMBRADO PUBLICO
470	675.583,419	4.612.623,655	213,989	ALUMBRADO PUBLICO
471	675.582,593	4.612.623,048	213,970	BACULO ALUMBRADO
472	675.580,347	4.612.625,075	213,939	ARBOL
473	675.594,936	4.612.617,907	214,204	COTA UMBRAL
474	675.587,629	4.612.622,923	214,061	ENTRADA
475	675.586,553	4.612.623,644	214,056	ENTRADA
476	675.587,121	4.612.623,295	214,124	COTA UMBRAL
477	675.581,817	4.612.626,848	214,032	ENTRADA
478	675.580,686	4.612.627,604	214,037	ENTRADA
479	675.581,272	4.612.627,258	214,057	COTA UMBRAL
480	675.579,729	4.612.627,368	214,033	REJILLA RESPIRADERO

Nº	X	Y	Z	Código
481	675.580,121	4.612.627,099	214,024	REJILLA RESPIRADERO
482	675.580,512	4.612.627,717	214,045	REJILLA RESPIRADERO
483	675.580,151	4.612.627,968	214,051	REJILLA RESPIRADERO
484	675.576,947	4.612.629,624	214,069	REJILLA RESPIRADERO
485	675.577,199	4.612.629,995	214,082	REJILLA RESPIRADERO
486	675.576,574	4.612.630,425	214,104	REJILLA RESPIRADERO
487	675.576,323	4.612.630,033	214,074	REJILLA RESPIRADERO
488	675.579,752	4.612.628,377	214,050	ENTRADA
489	675.577,643	4.612.629,770	214,063	ENTRADA
490	675.578,656	4.612.629,160	214,112	COTA UMBRAL
491	675.577,291	4.612.630,064	214,079	ENTRADA
492	675.576,704	4.612.630,467	214,105	ENTRADA
493	675.576,970	4.612.630,292	214,110	COTA UMBRAL
494	675.573,763	4.612.632,480	214,106	ENTRADA
495	675.572,644	4.612.633,261	214,096	ENTRADA
496	675.573,213	4.612.632,876	214,134	COTA UMBRAL
497	675.570,519	4.612.634,726	214,092	FACHADA
498	675.558,668	4.612.624,145	214,064	BORDILLO
499	675.558,805	4.612.624,495	213,990	SUMIDERO
500	675.558,612	4.612.624,659	214,017	SUMIDERO
501	675.558,882	4.612.624,983	214,017	SUMIDERO
502	675.559,081	4.612.624,809	213,999	SUMIDERO
503	675.558,993	4.612.624,585	214,118	BORDILLO
504	675.559,334	4.612.624,947	214,114	BORDILLO
505	675.560,264	4.612.625,491	214,036	BORDILLO
506	675.561,258	4.612.625,822	214,013	BORDILLO
507	675.562,313	4.612.625,861	214,020	BORDILLO
508	675.563,272	4.612.625,569	214,042	BORDILLO
509	675.559,930	4.612.623,843	214,126	ARMARIO TRAFICO
510	675.559,782	4.612.623,437	214,120	ARMARIO TRAFICO
511	675.559,235	4.612.623,730	214,096	ARMARIO TRAFICO
512	675.559,382	4.612.624,162	214,125	ARMARIO TRAFICO
513	675.560,437	4.612.624,618	214,096	ARQUETA TRAFICO
514	675.560,696	4.612.625,154	214,058	ARQUETA TRAFICO
515	675.561,215	4.612.624,910	214,062	ARQUETA TRAFICO
516	675.560,991	4.612.624,388	214,099	ARQUETA TRAFICO
517	675.562,036	4.612.625,129	214,055	TELECOMUNICACIONES
518	675.562,302	4.612.625,710	214,024	TELECOMUNICACIONES
519	675.562,886	4.612.625,444	214,033	TELECOMUNICACIONES
520	675.562,650	4.612.624,888	214,071	TELECOMUNICACIONES
521	675.562,823	4.612.623,762	214,095	ALUMBRADO PUBLICO
522	675.563,312	4.612.623,460	214,102	ALUMBRADO PUBLICO
523	675.562,995	4.612.622,986	214,108	ALUMBRADO PUBLICO
524	675.562,511	4.612.623,300	214,101	ALUMBRADO PUBLICO
525	675.563,546	4.612.624,566	214,091	SEMAFORO
526	675.566,118	4.612.621,925	214,047	RED GAS
527	675.566,449	4.612.621,713	214,044	RED GAS
528	675.566,239	4.612.621,379	214,057	RED GAS

Nº	X	Y	Z	Código
529	675.565,910	4.612.621,596	214,064	RED GAS
530	675.567,107	4.612.620,939	214,061	RED GAS
531	675.566,770	4.612.620,462	214,086	RED GAS
532	675.567,254	4.612.620,137	214,092	RED GAS
533	675.567,563	4.612.620,590	214,084	RED GAS
534	675.567,945	4.612.621,165	214,023	ARBOL
535	675.572,683	4.612.617,841	213,967	ARBOL
536	675.573,495	4.612.617,676	214,016	TOMA DE AGUA
537	675.573,823	4.612.617,450	214,019	TOMA DE AGUA
538	675.573,604	4.612.617,139	214,030	TOMA DE AGUA
539	675.573,296	4.612.617,354	214,028	TOMA DE AGUA
540	675.575,247	4.612.614,173	214,066	RED GAS
541	675.575,600	4.612.613,944	214,065	RED GAS
542	675.575,375	4.612.613,628	214,094	RED GAS
543	675.575,027	4.612.613,835	214,082	RED GAS
544	675.577,317	4.612.615,094	213,999	BACULO ALUMBRADO
545	675.577,921	4.612.614,584	214,011	ALUMBRADO PUBLICO
546	675.578,407	4.612.614,275	214,014	ALUMBRADO PUBLICO
547	675.578,090	4.612.613,785	214,042	ALUMBRADO PUBLICO
548	675.577,612	4.612.614,121	214,041	ALUMBRADO PUBLICO
549	675.580,696	4.612.612,191	213,969	ARBOL
550	675.581,540	4.612.609,768	214,086	TOMA DE AGUA
551	675.581,895	4.612.609,563	214,088	TOMA DE AGUA
552	675.581,651	4.612.609,271	214,103	TOMA DE AGUA
553	675.581,342	4.612.609,470	214,110	TOMA DE AGUA
554	675.584,666	4.612.609,741	213,998	TELECOMUNICACIONES
555	675.585,353	4.612.609,259	214,004	TELECOMUNICACIONES
556	675.585,802	4.612.609,887	213,982	TELECOMUNICACIONES
557	675.585,113	4.612.610,369	213,972	TELECOMUNICACIONES
558	675.586,193	4.612.608,689	213,990	ARBOL
559	675.586,074	4.612.606,704	214,068	RED GAS
560	675.586,408	4.612.606,476	214,068	RED GAS
561	675.586,154	4.612.606,162	214,095	RED GAS
562	675.585,852	4.612.606,371	214,092	RED GAS
563	675.586,291	4.612.606,092	214,094	VALVULA ACOMETIDA
564	675.590,898	4.612.605,820	214,032	BACULO ALUMBRADO
565	675.591,848	4.612.605,288	214,031	ALUMBRADO PUBLICO
566	675.592,324	4.612.604,960	214,024	ALUMBRADO PUBLICO
567	675.591,991	4.612.604,486	214,037	ALUMBRADO PUBLICO
568	675.591,512	4.612.604,806	214,041	ALUMBRADO PUBLICO
569	675.595,359	4.612.602,424	213,960	ARBOL
570	675.596,460	4.612.601,578	214,034	INCENDIOS
571	675.596,682	4.612.601,920	214,013	INCENDIOS
572	675.597,155	4.612.601,621	214,001	INCENDIOS
573	675.596,903	4.612.601,258	214,012	INCENDIOS
574	675.597,066	4.612.599,424	214,067	TOMA DE AGUA
575	675.597,388	4.612.599,216	214,070	TOMA DE AGUA
576	675.597,179	4.612.598,888	214,089	TOMA DE AGUA

Nº	X	Y	Z	Código
577	675.596,856	4.612.599,115	214,089	TOMA DE AGUA
578	675.599,979	4.612.599,185	213,933	ARBOL
579	675.601,875	4.612.599,288	213,882	SUMIDERO
580	675.602,227	4.612.599,075	213,889	SUMIDERO
581	675.599,637	4.612.597,448	214,103	TOMA DE AGUA
582	675.599,409	4.612.597,123	214,121	TOMA DE AGUA
583	675.599,736	4.612.596,933	214,106	TOMA DE AGUA
584	675.599,945	4.612.597,227	214,089	TOMA DE AGUA
585	675.602,540	4.612.597,856	214,037	BACULO ALUMBRADO
586	675.603,077	4.612.597,700	214,020	ALUMBRADO PUBLICO
587	675.603,564	4.612.597,371	214,025	ALUMBRADO PUBLICO
588	675.603,238	4.612.596,891	214,035	ALUMBRADO PUBLICO
589	675.602,785	4.612.597,228	214,038	ALUMBRADO PUBLICO
590	675.604,420	4.612.596,085	213,947	ARBOL
591	675.607,613	4.612.594,302	214,029	TELECOMUNICACIONES
592	675.606,299	4.612.592,799	214,107	TOMA DE AGUA
593	675.605,974	4.612.593,031	214,112	TOMA DE AGUA
594	675.605,762	4.612.592,727	214,123	TOMA DE AGUA
596	675.607,194	4.612.592,020	214,103	VALVULA ACOMETIDA
597	675.609,671	4.612.590,033	214,129	RED GAS
598	675.616,127	4.612.588,583	214,052	BACULO ALUMBRADO
599	675.622,382	4.612.583,923	213,982	ARBOL
600	675.626,783	4.612.580,829	213,897	ARBOL
601	675.629,043	4.612.579,811	214,080	BACULO ALUMBRADO
602	675.629,129	4.612.579,227	214,089	ALUMBRADO PUBLICO
603	675.629,468	4.612.579,739	214,071	ALUMBRADO PUBLICO
604	675.629,958	4.612.579,386	214,080	ALUMBRADO PUBLICO
605	675.629,609	4.612.578,893	214,109	ALUMBRADO PUBLICO
606	675.631,348	4.612.577,830	214,057	ARBOL
607	675.612,849	4.612.587,672	214,150	ENTRADA
608	675.609,354	4.612.590,110	214,139	ENTRADA
609	675.607,200	4.612.591,585	214,124	ENTRADA
610	675.608,259	4.612.590,816	214,146	COTA UMBRAL
611	675.606,158	4.612.592,272	214,124	ENTRADA
612	675.603,654	4.612.593,988	214,117	ENTRADA
613	675.604,898	4.612.593,149	214,221	COTA UMBRAL
614	675.601,628	4.612.595,332	214,101	ENTRADA
615	675.599,098	4.612.597,105	214,123	ENTRADA
616	675.600,326	4.612.596,224	214,265	COTA UMBRAL
617	675.600,189	4.612.596,044	214,413	COTA UMBRAL
618	675.597,306	4.612.598,332	214,104	ENTRADA
619	675.596,144	4.612.599,108	214,101	ENTRADA
620	675.596,736	4.612.598,684	214,154	COTA UMBRAL
621	675.590,009	4.612.603,360	214,096	ENTRADA
622	675.587,457	4.612.605,088	214,101	ENTRADA
623	675.588,807	4.612.604,174	214,206	COTA UMBRAL
624	675.585,687	4.612.606,277	214,099	ENTRADA
625	675.584,537	4.612.607,044	214,102	ENTRADA

Nº	X	Y	Z	Código
626	675.585,082	4.612.606,666	214,131	COTA UMBRAL
627	675.582,689	4.612.608,297	214,106	ENTRADA
628	675.580,234	4.612.609,975	214,116	ENTRADA
629	675.581,514	4.612.609,069	214,144	COTA UMBRAL
630	675.578,796	4.612.610,923	214,103	ENTRADA
631	675.577,546	4.612.611,802	214,108	ENTRADA
632	675.578,180	4.612.611,333	214,140	COTA UMBRAL
633	675.576,668	4.612.612,395	214,111	ENTRADA
634	675.575,846	4.612.612,971	214,116	ENTRADA
635	675.576,259	4.612.612,629	214,176	COTA UMBRAL
636	675.574,659	4.612.613,800	214,111	ENTRADA
637	675.573,149	4.612.614,815	214,106	ENTRADA
638	675.573,877	4.612.614,304	214,110	COTA UMBRAL
639	675.558,340	4.612.623,742	214,004	BORDILLO
640	675.558,834	4.612.621,359	214,114	ARQUETA TRAFICO
641	675.559,350	4.612.621,120	214,153	ARQUETA TRAFICO
642	675.559,105	4.612.620,602	214,163	ARQUETA TRAFICO
643	675.558,590	4.612.620,850	214,123	ARQUETA TRAFICO
644	675.561,993	4.612.622,347	214,136	FACHADA
645	675.560,583	4.612.619,452	214,196	FACHADA
646	675.566,773	4.612.619,085	214,152	ENTRADA
647	675.568,045	4.612.618,217	214,146	ENTRADA
649	675.567,441	4.612.618,617	214,203	COTA UMBRAL
650	675.570,656	4.612.616,447	214,129	FACHADA
651	675.550,559	4.612.628,291	214,056	BORDILLO
652	675.552,569	4.612.632,575	214,010	BORDILLO
653	675.555,166	4.612.638,147	213,990	BORDILLO
654	675.558,395	4.612.645,068	213,914	BORDILLO
655	675.565,711	4.612.641,035	213,936	BORDILLO
656	675.566,978	4.612.640,421	214,032	FACHADA
657	675.567,519	4.612.641,245	214,022	FACHADA
658	675.566,054	4.612.639,711	213,996	ARQUETA TRAFICO
659	675.565,700	4.612.639,605	213,978	ARQUETA TRAFICO
660	675.565,774	4.612.639,245	213,991	ARQUETA TRAFICO
661	675.566,150	4.612.639,343	214,004	ARQUETA TRAFICO
662	675.564,039	4.612.635,609	213,940	TELECOMUNICACIONES
663	675.563,496	4.612.635,561	213,953	TELECOMUNICACIONES
664	675.563,743	4.612.635,110	213,954	TELECOMUNICACIONES
665	675.560,223	4.612.631,847	214,093	RED ABASTECIMIENTO
666	675.559,835	4.612.632,253	214,113	RED ABASTECIMIENTO
667	675.560,314	4.612.632,309	214,093	RED ABASTECIMIENTO
668	675.560,978	4.612.633,283	214,073	RED ABASTECIMIENTO
669	675.561,107	4.612.633,735	214,068	RED ABASTECIMIENTO
670	675.560,620	4.612.633,696	214,083	RED ABASTECIMIENTO
671	675.558,763	4.612.634,117	214,090	RED SANEAMIENTO
672	675.558,271	4.612.634,165	214,094	RED SANEAMIENTO
673	675.558,542	4.612.633,819	214,090	RED SANEAMIENTO
674	675.557,839	4.612.637,146	213,991	RED SANEAMIENTO

Nº	X	Y	Z	Código
675	675.558,416	4.612.637,135	214,005	RED SANEAMIENTO
676	675.558,145	4.612.636,686	214,009	RED SANEAMIENTO
677	675.554,260	4.612.635,928	214,006	SUMIDERO
678	675.554,455	4.612.636,332	214,005	SUMIDERO
679	675.549,997	4.612.628,747	214,071	SEMAFORO
680	675.578,626	4.612.615,522	213,823	SUMIDERO
681	675.578,238	4.612.615,789	213,818	SUMIDERO
682	675.606,071	4.612.592,497	214,125	TOMA DE AGUA
683	675.607,917	4.612.594,852	214,004	TELECOMUNICACIONES
684	675.608,492	4.612.594,500	214,018	TELECOMUNICACIONES
685	675.608,794	4.612.592,896	213,941	ARBOL
686	675.609,884	4.612.590,362	214,117	RED GAS
687	675.610,202	4.612.590,139	214,122	RED GAS
688	675.609,964	4.612.589,843	214,128	RED GAS
689	675.603,519	4.612.602,753	214,147	RED SANEAMIENTO
690	675.605,853	4.612.606,184	213,861	SUMIDERO
691	675.606,459	4.612.605,717	213,852	SUMIDERO
692	675.606,344	4.612.605,518	213,887	SUMIDERO
693	675.605,730	4.612.605,902	213,887	SUMIDERO
694	675.605,905	4.612.606,234	213,993	RED SANEAMIENTO
695	675.606,540	4.612.605,784	213,991	RED SANEAMIENTO
696	675.619,192	4.612.597,031	213,977	SUMIDERO
697	675.619,512	4.612.596,806	213,981	SUMIDERO
698	675.619,372	4.612.596,594	213,994	SUMIDERO
699	675.619,053	4.612.596,821	213,978	SUMIDERO
700	675.624,735	4.612.593,202	213,962	SUMIDERO
701	675.624,385	4.612.593,442	213,955	SUMIDERO
702	675.624,276	4.612.593,246	213,965	SUMIDERO
703	675.580,439	4.612.624,228	213,983	VALVULA ACOMETIDA
705	675.659,211	4.612.551,965	214,318	SEMAFORO
706	675.572,588	4.612.628,881	213,852	SUMIDERO
707	675.572,958	4.612.628,625	213,851	SUMIDERO
708	675.572,787	4.612.628,378	213,861	SUMIDERO
709	675.572,417	4.612.628,634	213,864	SUMIDERO

5.- REPLANTEO DE EJES Y ALINEACIONES.

Se adjuntan a continuación los listados de replanteo del eje y perfil longitudinal que definen la geometría del viario.

REPLANTEO EN PLANTA.

Tipo	P.K.	Coord. X	Coord. Y	Azimut	Radio	Parametro	Longitud
Rec	0	675.565,884	4.612.627,990	138,159	0	0	20
Rec	20	675.582,397	4.612.616,707	138,159	0	0	20
Rec	40	675.598,910	4.612.605,424	138,159	0	0	20
Rec	60	675.615,424	4.612.594,141	138,159	0	0	20
Rec	80	675.631,937	4.612.582,858	138,159	0	0	20
Rec	100	675.648,451	4.612.571,575	138,159	0	0	13,695
	113,695	675.659,758	4.612.563,849	138,159			

REPLANTEO EN ALZADO.

Tipo	Distancia	C. Terreno	C. Rasante	C. Roja	Pendiente
V.	0,000	214,018	213,930	-0,088	0,0003
V.	60,000	214,011	213,950	-0,061	0,0003
V.	80,000	214,053	214,039	-0,014	0,0045
V.	100,000	214,256	214,104	-0,152	0,0032
V.	113,695	214,207	214,136	-0,071	0,0023