

VERTICES RED TOPOGRAFICA MUNICIPAL

RED BASICA						
VERTICE	COORDENADAS ED-50			COORDENADAS ETRS-89		
	X	Y	Z	X	Y	Z
1001 V-1	487110,420	4496803,940	784,720	487001,340	4496595,930	784,720
1002 V-2	487691,990	4494486,290	914,400	487582,890	4494278,260	914,400
1003 V-3	487150,130	4494263,110	920,020	487041,030	4494055,080	920,020
1004 V-4	482917,770	4496700,220	641,180	482808,770	4496492,260	641,180
1007 V-7	477849,940	4507063,830	843,870	477741,010	4506855,980	843,870
1010 V-10	487715,260	4499970,530	736,610	487606,190	4499762,530	736,610
1011 V-11	486138,170	4497984,370	741,850	486029,120	4497776,380	741,850
1012 V-12	489055,470	4499237,970	786,300	488946,380	4499029,950	786,300
1013 V-13	490946,700	4499211,390	878,710	490837,590	4499003,340	878,710
1014 V-14	486330,970	4496121,060	741,440	486221,900	4495913,060	741,440
1016 V-16	488540,060	4498387,470	785,040	488430,970	4498179,450	785,040
1017 V-17	492398,740	4502356,620	965,390	492289,630	4502148,590	965,390
1018 V-18	489371,600	4501350,270	736,520	489262,510	4501142,260	736,520
1019 V-19	486273,670	4501326,810	705,740	486164,630	4501118,840	705,740
1020 V-20	492429,200	4504149,790	797,250	492320,090	4503941,770	797,250
1021 V-21	492716,990	4503753,280	819,850	492607,880	4503545,260	819,850
1022 V-22	476788,470	4507414,050	867,430	476679,550	4507206,210	867,430
1023 V-23	475303,190	4507355,380	875,000	475194,290	4507147,550	875,000
1024 V-24	490613,290	4497108,520	963,780	490504,170	4496900,460	963,780
1025 V-25	483473,210	4500056,640	664,410	483364,210	4499848,700	664,410
1026 V-26	490648,770	4503088,210	964,400	490539,680	4502880,200	964,400

RED NUEVA						
VERTICE	COORDENADAS ED-50			COORDENADAS ETRS-89		
	X	Y	Z	X	Y	Z
V1	487345,853	4497418,790	727,065	487236,780	4497210,780	727,065
V2	487497,618	4497939,648	730,371	487388,600	4497731,640	730,371
V3	487750,382	4498314,335	719,927	487641,300	4498106,320	719,927
V4	487947,189	4498630,786	732,522	487838,110	4498422,770	732,522
V5	488015,565	4498797,918	733,057	487906,490	4498589,910	733,057
V6	488054,399	4499448,984	721,761	487945,320	4499240,980	721,761
V7	487787,800	4499242,325	718,376	487678,730	4499034,320	718,376
V8	487487,954	4499009,358	722,046	487378,880	4498801,360	722,046
V9	487306,817	4499149,927	721,703	487197,750	4498941,930	721,703
V10	487725,807	4499656,120	704,891	487616,740	4499448,120	704,891
V11	486748,535	4499143,227	715,191	486639,480	4498935,240	715,191
V12	486399,407	4499203,206	708,226	486290,360	4498995,220	708,226
V13	486528,060	4499130,617	711,759	486419,010	4498922,630	711,759
V14	486076,414	4499031,788	687,851	485967,370	4498823,810	687,851
V15	486367,826	4498786,216	695,976	486258,770	4498578,230	695,976
V16	486598,529	4498945,225	713,968	486489,470	4498737,240	713,968

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V17	486621,227	4499046,575	717,017	486512,170	4498838,590	717,017
V18	487323,739	4498868,646	725,718	487214,670	4498660,650	725,718
V19	487268,571	4498714,940	717,084	487159,450	4498506,940	717,084
V20	487542,956	4498495,559	715,189	487433,880	4498287,550	715,189
V21	487458,334	4498394,719	711,057	487349,260	4498186,710	711,057
V22	487769,225	4498758,230	727,817	487660,150	4498550,220	727,817
V23	485977,631	4498775,888	669,872	485868,580	4498567,910	669,872
V24	483672,783	4497534,911	630,122	483563,770	4497326,950	630,122
V25	483731,030	4497391,501	630,211	483622,010	4497183,540	630,211
V26	484690,914	4498229,702	647,144	484581,890	4498021,740	647,144
V27	484401,153	4497823,247	639,476	484292,130	4497615,290	639,476
V28	484450,557	4497619,889	644,517	484341,530	4497411,930	644,517
V29	484283,933	4498415,892	633,633	484174,910	4498207,930	633,633
V30	484858,069	4499173,893	635,080	484749,040	4498965,930	635,080
V31	485090,463	4499444,853	635,603	484981,440	4499236,890	635,603
V32	484715,097	4499424,159	640,933	484606,080	4499216,200	640,933
V33	484602,453	4499217,502	642,016	484493,430	4499009,540	642,016
V34	484063,499	4498528,705	641,429	483954,480	4498320,750	641,429
V35	485887,591	4498740,670	678,101	485778,550	4498532,690	678,101

RED ANTIGUA						
VERTICE	COORDENADAS ED-50			COORDENADAS ETRS-89		
	X	Y	Z	X	Y	Z
23	485610,300	4498930,910	666,310	485501,260	4498722,940	666,310
25	485919,806	4498514,615	684,687	485810,759	4498306,633	684,687
26	485966,874	4498358,734	693,279	485857,830	4498150,750	693,279
27	486058,023	4498229,009	702,150	485948,970	4498021,020	702,150
29	486190,870	4497923,390	708,360	486081,820	4497715,400	708,360
30	486270,640	4497793,820	712,390	486161,580	4497585,830	712,390
31	486358,300	4497580,710	721,250	486249,240	4497372,720	721,250
34	486691,050	4497065,390	729,300	486581,980	4496857,390	729,300
35	486253,340	4497976,390	705,680	486144,280	4497768,400	705,680
36	486450,650	4498108,140	696,930	486341,590	4497900,150	696,930
37	486633,880	4498229,510	696,260	486524,820	4498021,190	696,260
40	486937,860	4498435,980	696,780	486828,800	4498227,980	696,780
42	487252,280	4498806,990	721,270	487143,210	4498598,990	721,270
43	485581,110	4498511,660	676,430	485472,070	4498303,680	676,430
44	485255,230	4498229,560	678,350	485146,190	4498021,590	678,350
45	484967,980	4497963,250	661,460	484858,950	4497755,280	661,460
46	484868,770	4497712,100	669,500	484759,740	4497504,130	669,500
47	485358,640	4498201,600	681,860	485249,600	4497993,630	681,860
48	485464,150	4498042,640	692,810	485355,110	4497834,660	692,810
49	485549,330	4497825,190	705,140	485440,290	4497617,210	705,140
53	486150,990	4497424,190	723,830	486041,930	4497216,200	723,830
54	486289,270	4497371,900	728,330	486180,210	4497163,910	728,330

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56	486080,338	4497898,374	706,169	485971,290	4497690,390	706,169
57	485719,690	4497755,790	703,638	485610,640	4497547,810	703,638
58	485163,140	4498413,120	675,010	485054,110	4498205,150	675,010
59	484984,690	4498621,540	665,010	484875,660	4498413,570	665,010
60	484873,720	4498530,230	662,750	484764,690	4498322,260	662,750
62	484576,370	4498021,340	644,110	484467,340	4497813,380	644,110
63	484497,510	4497852,580	641,870	484388,480	4497644,620	641,870
65	483684,820	4497605,150	630,390	483575,810	4497397,190	630,390
66	485130,060	4498870,490	657,340	485021,020	4497397,180	657,340
67	485266,930	4499079,190	651,990	485157,900	4498871,220	651,990
69	484968,440	4501209,170	649,100	484859,420	4501001,210	649,100
70	484533,020	4501237,080	650,520	484424,010	4501029,130	650,520
73	484732,450	4500467,320	647,720	484623,430	4500259,360	647,720
74	485092,290	4500424,000	652,000	484983,270	4500216,040	652,000
77	486068,120	4498526,790	680,130	485959,070	4498318,810	680,130
78	486158,650	4498501,980	681,750	486049,600	4498293,990	681,750
79	486332,330	4498379,970	686,740	486223,280	4498171,980	686,740
81	486481,950	4498189,930	693,180	486372,890	4497981,940	693,180
83	486901,620	4497755,860	712,340	486792,550	4497547,860	712,340
84	486989,340	4497689,320	717,380	486880,270	4497481,320	717,380
85	487156,590	4497487,120	726,390	487047,520	4497279,110	726,390
86	487272,420	4497347,600	729,900	487163,340	4497139,590	729,900
90	492481,120	4503926,630	779,220	492372,010	4503718,610	779,220
91	492429,500	4503837,250	778,180	492320,390	4503629,230	778,180
93	489385,370	4500496,590	730,420	489276,280	4500288,570	730,420
94	489310,460	4500378,680	728,270	489201,370	4500170,660	728,270
96	490096,100	4498837,170	787,480	489986,990	4498629,130	787,480
97	489985,760	4498863,130	784,040	489876,650	4498655,090	784,040
98	489909,490	4498867,040	781,660	489800,380	4498659,000	781,660
100	489901,020	4499030,850	773,730	489791,920	4498822,810	773,730
101	489945,540	4499056,920	774,890	489836,430	4498848,880	774,890
102	477420,690	4507215,070	847,140	477311,760	4507007,230	847,140
103	477299,900	4507277,230	848,520	477190,980	4507069,390	848,520
104	477236,500	4507214,400	848,340	477127,580	4507006,560	848,340
105	477167,660	4507275,760	851,600	477058,740	4507067,920	851,600
106	477218,990	4507322,970	852,020	477110,070	4507115,130	852,020
107	477116,830	4507410,450	856,190	477007,910	4507202,610	856,190

RED C/ FRANCISCO ARITIO Y P.I. EL BALCONCILLO						
VERTICE	COORDENADAS ED-50			COORDENADAS ETRS-89		
	X	Y	Z	X	Y	Z
70022	483672,723	4497534,818	630,240	483563,710	4497326,860	630,240
70023	483731,104	4497391,395	630,340	483622,090	4497183,440	630,340
70024	484690,964	4498229,697	647,270	484581,940	4498021,730	647,270
70026	484400,283	4497823,918	640,110	484291,260	4497615,960	640,110

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70027	484283,937	4498415,932	633,370	484174,920	4498207,970	633,370
70028	484857,970	4499173,907	635,200	484748,940	4498965,940	635,200
70029	485090,502	4499444,886	635,790	484981,470	4499236,920	635,790
70030	484715,545	4499424,654	641,080	484606,520	4499216,690	641,080
70032	484030,026	4498493,251	641,810	483921,010	4498285,290	641,810
70043	483684,787	4497605,282	630,540	483575,770	4497397,330	630,540
70045	483462,541	4497665,209	638,500	483353,530	4497457,250	638,500
70046	483319,686	4497291,450	636,890	483210,680	4497083,490	636,890
70047	484576,367	4498021,491	644,270	484467,340	4497813,530	644,270
70048	483680,492	4498080,712	639,800	483571,480	4497872,760	639,800