

APÉNDICE N° 3. REPLANTEO POR BISECCIÓN.

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1 BASES DE REPLANTEO

Las coordenadas de las bases de replanteo son las siguiente:

N	X	Y	Z
BR-1	329295.746	4437842.523	414.560
BR-2	329346.827	4437586.365	421.275
BR-3	329232.005	4437450.163	427.719
BR-4	329379.460	4437323.408	429.664

2 REPLANTEO POR BISECCIÓN

ANEJO Nº 5. CARTOGRAFIA, TOPOGRAFIA Y REPLANTEO
APÉNDICE Nº 3 REPLANTEO POR BISECCIÓN

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PROYECTO :

EJE: 1: N-502

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REPLANTEO POR BISECCION

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PK	AZ1	d1	X	Y	AZ2	d2

*BASE 1: B1			329295.746	4437842.523	187.4694	261.201
*BASE 2: B2			329346.827	4437586.365		
92221.000	24.8442	76.246	329324.751	4437913.036	395.7044	327.416
*BASE 1: B1			329295.746	4437842.523	187.4694	261.201
*BASE 2: B2			329346.827	4437586.365		
92240.000	23.8345	57.274	329316.692	4437895.830	393.8202	310.929
92260.000	22.8614	37.292	329308.852	4437877.436	391.7408	293.538
92272.945	24.2827	24.368	329304.817	4437865.140	390.4781	281.922
92280.000	27.9342	17.414	329303.144	4437858.287	389.8597	275.409
92300.000	144.1559	6.339	329300.620	4437838.471	388.4599	256.305
92304.824	168.6471	10.071	329300.508	4437833.649	388.2120	251.584
92320.000	185.5362	24.657	329301.300	4437818.500	387.6709	236.557
92340.000	188.0630	44.610	329304.062	4437798.695	387.3471	216.594
92345.657	188.2179	50.266	329304.996	4437793.116	387.2910	210.940
92360.000	188.4737	64.607	329307.380	4437778.972	387.1394	196.605
92380.000	188.6856	84.606	329310.704	4437759.250	386.8868	176.619
92400.000	188.8165	104.605	329314.027	4437739.528	386.5698	156.636
92420.000	188.9054	124.604	329317.351	4437719.806	386.1601	136.658
92440.000	188.9697	144.603	329320.675	4437700.085	385.6101	116.688
92460.000	189.0183	164.603	329323.999	4437680.363	384.8331	96.730
92480.000	189.0565	184.603	329327.323	4437660.641	383.6524	76.794
92500.000	189.0871	204.603	329330.647	4437640.919	381.6451	56.903
92520.000	189.1123	224.602	329333.971	4437621.197	377.4911	37.129
92540.000	189.1334	244.602	329337.295	4437601.475	364.1729	17.866
*BASE 1: B2			329346.827	4437586.365	244.5909	178.143
*BASE 2: B3			329232.005	4437450.163		
92540.000	364.1729	17.866	329337.295	4437601.475	38.7022	184.341
92560.000	259.3261	7.733	329340.619	4437581.754	43.9290	170.626
92580.000	207.5101	24.504	329343.943	4437562.032	50.0197	158.255
92600.000	199.3642	44.057	329347.267	4437542.310	57.0658	147.568
92620.000	196.2472	63.888	329350.591	4437522.588	65.0956	138.953
92640.000	194.6089	83.799	329353.915	4437502.866	74.0229	132.814
92653.367	193.8887	97.127	329356.136	4437489.685	80.3767	130.271
92660.000	193.6009	103.745	329357.237	4437483.144	83.6063	129.503

BASE 1: B3	329232.005	4437450.163	145.2033	194.447		
BASE 2: B4	329379.460	4437323.408				
92660.000	83.6063	129.503	329357.237	4437483.144	391.1998	161.274
92680.000	93.4598	129.148	329360.472	4437463.407	391.4180	141.281
92700.000	103.1660	131.557	329363.399	4437443.623	391.5447	121.283

PK	AZ1	d1	X	Y	AZ2	d2

92720.000	112.4017	136.360	329365.786	4437423.767	391.3790	101.286
92729.422	116.5335	139.323	329366.656	4437414.385	391.0989	91.874
92740.000	120.9881	143.105	329367.404	4437403.834	390.5271	81.325
92760.000	128.8576	151.426	329368.138	4437383.849	388.2113	61.493
92780.000	136.0056	161.059	329367.984	4437363.851	382.3982	42.040
92800.000	142.4730	171.767	329366.941	4437343.880	365.0609	23.996
92820.000	148.3253	183.342	329365.013	4437323.975	302.4981	14.458
92840.000	153.6360	195.611	329362.202	4437304.175	246.5594	25.841
92860.000	158.4773	208.427	329358.513	4437284.520	231.4542	44.170
92880.000	162.9153	221.674	329353.956	4437265.048	226.2292	63.690
92900.000	167.0084	235.255	329348.537	4437245.798	224.1380	83.544
92920.000	170.8065	249.090	329342.269	4437226.807	223.3963	103.513
92940.000	174.3522	263.115	329335.163	4437208.114	223.3525	123.511
92960.000	177.6812	277.274	329327.233	4437189.755	223.7152	143.495
92980.000	180.8236	291.523	329318.496	4437171.766	224.3348	163.438
92994.061	182.9349	301.573	329311.879	4437159.360	224.8774	177.423
93000.000	183.8046	305.823	329308.969	4437154.183	225.1270	183.320
*BASE 1: B3	329232.005	4437450.163	145.2033	194.447		
*BASE 2: B4	329379.460	4437323.408				
93020.000	186.6356	320.188	329298.728	4437137.005	226.0195	203.135
93040.000	189.3101	334.709	329287.944	4437120.162	226.9340	222.899
93060.000	191.8199	349.481	329276.787	4437103.563	227.8152	242.638
93080.000	194.1569	364.591	329265.421	4437087.107	228.6244	262.379
93086.222	194.8474	369.372	329261.868	4437082.000	228.8568	268.525
93094.530	195.7421	375.822	329257.122	4437075.181	229.1514	276.737

ANEJO Nº 5. CARTOGRAFIA, TOPOGRAFIA Y REPLANTEO
APÉNDICE Nº 3 REPLANTEO POR BISECCIÓN

EJE: 2: Ramal de entrada Eje 2

PK	AZ1	d1	X	Y	AZ2	d2

*BASE 1: B3			329232.005	4437450.163	145.2033	194.447
*BASE 2: B4			329379.460	4437323.408		
0.000	111.6390	89.128	329319.648	4437433.959	368.4276	125.694
9.413	111.7496	98.540	329328.871	4437432.079	372.2634	119.869
20.000	112.6637	108.990	329338.846	4437428.625	376.5482	112.784
40.000	117.5869	126.577	329353.782	4437415.639	382.7138	95.739
60.000	124.9110	139.179	329360.664	4437397.081	384.0973	76.033
62.659	125.9895	140.387	329360.855	4437394.430	383.6893	73.418
65.933	127.3174	141.822	329360.969	4437391.158	383.0379	70.228

EJE: 3: Ramal de salida Eje 3

PK	AZ1	d1	X	Y	AZ2	d2

*BASE 1: B2			329346.827	4437586.365	192.1397	264.974
*BASE 2: B4			329379.460	4437323.408		
0.000	196.9887	117.584	329352.387	4437468.912	388.2887	148.002
0.679	196.9505	118.259	329352.490	4437468.242	388.2794	147.323
20.000	199.3979	136.459	329348.118	4437449.912	384.5386	130.328
*BASE 1: B4			329379.460	4437323.408	345.2033	194.447
*BASE 2: B3			329232.005	4437450.163		
20.000	384.5386	130.328	329348.118	4437449.912	100.1378	116.113
40.000	375.1136	125.814	329331.521	4437439.731	106.6494	100.061
48.781	371.1862	129.593	329322.787	4437439.953	107.1302	91.355
50.717	370.4380	130.779	329320.890	4437440.339	107.0077	89.427

EJE: 4: Carretera TO-1291

PK	AZ1	d1	X	Y	AZ2	d2

*BASE 1: B3			329232.005	4437450.163	44.5909	178.143
*BASE 2: B2			329346.827	4437586.365		
0.000	105.0294	41.060	329272.937	4437446.923	231.0212	157.810
20.000	107.4654	60.968	329292.554	4437443.030	223.0432	153.266
40.000	108.7013	80.921	329312.172	4437439.137	214.7173	151.252
*BASE 1: B2			329346.827	4437586.365	192.1397	264.974
*BASE 2: B4			329379.460	4437323.408		
40.000	214.7173	151.252	329312.172	4437439.137	366.4722	133.869
60.000	206.3142	151.867	329331.789	4437435.244	374.3484	121.573
80.000	198.1198	155.081	329351.407	4437431.352	383.8130	111.530
94.132	192.5922	158.838	329365.268	4437428.601	391.4626	106.146

EJE: 5: Marca Vial Eje 5

PK	AZ1	d1	X	Y	AZ2	d2

*BASE 1: B1			329295.746	4437842.523	187.4694	261.201
*BASE 2: B2			329346.827	4437586.365		
0.000	188.5263	68.606	329308.044	4437775.028	387.0930	192.608
20.000	188.2141	88.603	329312.056	4437755.434	387.0872	172.608
40.000	188.0168	108.600	329316.067	4437735.841	387.0798	152.608
60.000	187.8809	128.599	329320.079	4437716.247	387.0703	132.608
80.000	187.7816	148.598	329324.091	4437696.654	387.0574	112.608
99.887	187.7063	168.483	329328.080	4437677.171	387.0390	92.721
100.000	187.7064	168.597	329328.101	4437677.060	387.0380	92.608
100.236	187.7097	168.833	329328.138	4437676.827	387.0302	92.372
120.000	188.1169	188.563	329330.739	4437657.235	385.7892	72.673
140.000	188.4505	208.536	329333.371	4437637.409	383.5913	52.788
160.000	188.7258	228.514	329336.003	4437617.583	378.7534	33.041
180.000	188.9568	248.495	329338.636	4437597.757	360.3131	14.031

*BASE 1: B2			329346.827	4437586.365	244.5909	178.143
*BASE 2: B3			329232.005	4437450.163		
180.000	360.3131	14.031	329338.636	4437597.757	39.8296	182.082
200.000	237.0998	10.101	329341.268	4437577.931	45.0400	168.116
200.123	236.5968	10.195	329341.284	4437577.809	45.0746	168.034

EJE: 6: Marca Vial Eje 6

PK	AZ1	d1	X	Y	AZ2	d2

*BASE 1: B3			329232.005	4437450.163	145.2033	194.447
*BASE 2: B4			329379.460	4437323.408		
0.000	170.4387	247.698	329342.934	4437228.693	223.4319	101.514
20.000	173.9131	262.073	329336.415	4437209.787	223.0544	121.502
40.000	177.1572	276.624	329329.145	4437191.156	223.1434	141.500
60.000	180.2035	291.303	329321.136	4437172.831	223.5256	161.478
80.000	183.0792	306.070	329312.401	4437154.841	224.1039	181.416
100.000	185.8071	320.890	329302.953	4437137.215	224.8197	201.299
100.099	185.8202	320.963	329302.905	4437137.129	224.8235	201.397
100.688	185.9035	321.376	329302.586	4437136.633	224.8570	201.976
120.000	188.6702	334.414	329291.207	4437121.031	226.1791	220.783
140.000	191.3122	348.532	329279.421	4437104.872	227.3298	240.345
160.000	193.7446	363.202	329267.635	4437088.713	228.3070	259.974
180.000	195.9853	378.360	329255.850	4437072.555	229.1468	279.655
200.000	198.0509	393.952	329244.064	4437056.396	229.8761	299.378
200.593	198.1097	394.420	329243.715	4437055.917	229.8963	299.964

ANEJO Nº 5. CARTOGRAFIA, TOPOGRAFIA Y REPLANTEO
APÉNDICE Nº 3 REPLANTEO POR BISECCIÓN

EJE: 7: Isleta Eje 7

PK	AZ1	d1	X	Y	AZ2	d2

*BASE 1: B3			329232.005	4437450.163	145.2033	194.447
*BASE 2: B4			329379.460	4437323.408		
0.000	100.8371	122.309	329354.304	4437448.555	387.3713	127.650
15.333	106.6569	111.629	329343.024	4437438.512	380.4832	120.733
16.662	107.1862	111.910	329343.203	4437437.557	380.4209	119.769
20.000	107.0195	115.234	329346.540	4437437.483	382.1140	118.730
20.174	107.0077	115.407	329346.714	4437437.485	382.2041	118.684
30.015	106.8770	125.229	329356.504	4437436.662	387.2686	115.557
31.914	106.2476	126.278	329357.675	4437437.790	388.0186	116.438
*BASE 1: B4			329379.460	4437323.408	392.1397	264.974
*BASE 2: B2			329346.827	4437586.365		
20.000	382.1140	118.730	329346.540	4437437.483	200.1229	148.883
20.174	382.2041	118.684	329346.714	4437437.485	200.0484	148.880
30.015	387.2686	115.557	329356.504	4437436.662	195.8904	150.016
31.914	388.0186	116.438	329357.675	4437437.790	195.3600	148.970
40.000	388.1937	124.517	329356.500	4437445.790	195.6263	140.907
42.418	388.2417	126.933	329356.149	4437448.182	195.7120	138.497
*BASE 1: B2			329346.827	4437586.365	387.4694	261.201
*BASE 2: B1			329295.746	4437842.523		
40.000	195.6263	140.907	329356.500	4437445.790	190.3262	401.358
42.418	195.7120	138.497	329356.149	4437448.182	190.3239	398.940
44.873	196.5504	138.016	329354.302	4437448.552	190.6067	398.299

EJE: 8: Isleta Eje 8

PK	AZ1	d1	X	Y	AZ2	d2

*BASE 1: B2			329346.827	4437586.365	192.1397	264.974
*BASE 2: B4			329379.460	4437323.408		
0.000	200.4226	153.846	329345.806	4437432.522	380.9540	114.186
*BASE 1: B4			329379.460	4437323.408	345.2033	194.447
*BASE 2: B3			329232.005	4437450.163		
0.000	380.9540	114.186	329345.806	4437432.522	109.7906	115.160
8.801	385.6476	111.335	329354.572	4437431.925	109.4038	123.916
12.550	385.0975	109.176	329354.136	4437429.606	110.6159	123.849
20.000	381.4651	113.073	329347.002	4437431.722	110.1225	116.467
21.352	380.8774	113.927	329345.751	4437432.234	109.9525	115.150
*BASE 1: B3			329232.005	4437450.163	10.2527	397.504
*BASE 2: B1			329295.746	4437842.523		
20.000	110.1225	116.467	329347.002	4437431.722	192.0976	413.986
21.352	109.9525	115.150	329345.751	4437432.234	192.2791	413.325
21.757	109.7907	115.159	329345.805	4437432.522	192.2655	413.046

EJE: 9: Isleta Eje 9

PK	AZ1	d1	X	Y	AZ2	d2

*BASE 1: B4			329379.460	4437323.408	345.2033	194.447
*BASE 2: B3			329232.005	4437450.163		
0.000	384.0186	104.480	329353.507	4437424.613	113.1950	124.159
5.053	386.9279	102.721	329358.516	4437423.971	112.9965	129.193
6.488	387.3776	101.622	329359.443	4437423.039	113.3507	130.292
10.971	387.0032	97.177	329359.758	4437418.567	115.4352	131.603
13.624	385.7376	96.972	329357.916	4437417.956	115.9421	129.965
20.000	384.1600	102.843	329354.134	4437423.084	113.8909	125.096
21.377	383.7759	104.070	329353.224	4437424.117	113.4739	123.986
*BASE 1: B3			329232.005	4437450.163	10.2527	397.504
*BASE 2: B1			329295.746	4437842.523		
20.000	113.8909	125.096	329354.134	4437423.084	191.1945	423.484
*BASE 1: B1			329295.746	4437842.523	187.4694	261.201
*BASE 2: B2			329346.827	4437586.365		
20.000	191.1945	423.484	329354.134	4437423.084	197.1528	163.445
21.377	191.3089	422.335	329353.224	4437424.117	197.4912	162.374
22.131	191.2565	421.883	329353.506	4437424.613	197.3726	161.890

EJE: 10: Marca Vial Eje 10

PK	AZ1	d1	X	Y	AZ2	d2

*BASE 1: B4			329379.460	4437323.408	345.2033	194.447
*BASE 2: B3			329232.005	4437450.163		
0.000	388.7248	113.851	329359.401	4437435.478	107.3063	128.240
11.570	382.7994	117.972	329347.972	4437437.101	107.1407	116.700
19.897	378.6608	120.973	329339.666	4437437.648	107.3673	108.386

EJE: 11: Marca Vial Eje 11

PK	AZ1	d1	X	Y	AZ2	d2

*BASE 1: B4			329379.460	4437323.408	345.2033	194.447
*BASE 2: B3			329232.005	4437450.163		
0.000	388.5240	107.968	329360.102	4437429.626	110.1203	129.733
6.165	385.7861	111.776	329354.710	4437432.410	109.1473	123.983
10.771	383.3493	113.396	329350.138	4437432.947	109.2126	119.381
20.000	378.6746	117.079	329340.970	4437433.979	109.3866	110.161
29.016	374.6321	121.945	329332.143	4437435.799	109.0700	101.163

ANEJO Nº 5. CARTOGRAFIA, TOPOGRAFIA Y REPLANTEO
APÉNDICE Nº 3 REPLANTEO POR BISECCIÓN

EJE: 12: Marca Vial Eje 12

PK	AZ1	d1	X	Y	AZ2	d2

*BASE 1: B3			329232.005	4437450.163	145.2033	194.447
*BASE 2: B4			329379.460	4437323.408		
0.000	109.0708	101.176	329332.156	4437435.796	374.6374	121.937
15.242	110.3756	116.240	329346.705	4437431.302	381.2361	112.756
20.000	110.7728	120.938	329351.216	4437429.796	383.4797	110.073
23.189	110.8771	124.120	329354.317	4437429.059	385.1265	108.602
29.087	110.1201	129.734	329360.103	4437429.627	388.5244	107.968

EJE: 13: Marca Vial Eje 13

PK	AZ1	d1	X	Y	AZ2	d2

*BASE 1: B3			329232.005	4437450.163	145.2033	194.447
*BASE 2: B4			329379.460	4437323.408		
0.000	112.9159	121.429	329350.944	4437425.696	382.6916	106.188
9.863	112.5946	131.251	329360.696	4437424.366	388.3011	102.687

EJE: 14: Camino agrícola (eje 14)

PK	AZ1	d1	X	Y	AZ2	d2

*BASE 1: B4			329379.460	4437323.408	345.2033	194.447
*BASE 2: B3			329232.005	4437450.163		
0.000	11.5903	127.295	329402.508	4437448.600	100.5837	170.510
20.000	5.2655	142.136	329391.203	4437465.058	94.0610	159.893
40.000	1.5643	160.074	329383.393	4437483.434	86.2279	155.001
53.520	0.2929	173.168	329380.257	4437496.575	80.6853	155.347
*BASE 1: B3			329232.005	4437450.163	44.5909	178.143
*BASE 2: B2			329346.827	4437586.365		
40.000	86.2279	155.001	329383.393	4437483.434	178.2696	109.233
53.520	80.6853	155.347	329380.257	4437496.575	177.3103	95.812
60.000	78.0710	156.362	329379.182	4437502.964	176.4406	89.457
80.000	70.2730	161.106	329375.864	4437522.687	172.7636	69.986
100.000	63.0224	168.111	329372.546	4437542.410	166.2971	50.926
120.000	56.4294	177.108	329369.228	4437562.133	152.4989	33.000
140.000	50.5301	187.812	329365.910	4437581.856	114.7722	19.608
*BASE 1: B2			329346.827	4437586.365	387.4694	261.201
*BASE 2: B1			329295.746	4437842.523		
140.000	114.7722	19.608	329365.910	4437581.856	183.2609	269.945
160.000	51.1321	21.908	329362.592	4437601.579	182.7714	250.045
180.000	21.7879	37.087	329359.274	4437621.302	182.1974	230.162
200.000	10.5348	55.416	329355.956	4437641.024	181.5149	210.302
220.000	4.9630	74.609	329352.638	4437660.747	180.6901	190.471
240.000	1.6858	94.138	329349.320	4437680.470	179.6739	170.679
260.000	399.5383	113.831	329346.001	4437700.193	178.3915	150.942
280.000	398.0255	133.615	329342.683	4437719.916	176.7242	131.285
300.000	396.9033	153.455	329339.365	4437739.639	174.4719	111.749
306.991	396.5766	160.400	329338.206	4437746.533	173.4873	104.961
320.000	396.3482	173.386	329336.887	4437759.465	170.7216	92.688
340.000	397.1409	193.222	329338.152	4437779.392	162.3446	76.051
356.948	398.6271	209.485	329342.310	4437795.801	150.1077	65.963
360.000	398.9116	212.387	329343.196	4437798.721	147.4563	64.577
380.000	399.0402	232.174	329343.327	4437818.513	129.7516	53.296
400.000	396.7190	249.911	329333.953	4437835.944	110.8552	38.769
420.000	392.8282	262.044	329317.369	4437846.748	87.7159	22.032
430.488	390.4380	265.411	329307.112	4437848.788	67.9309	12.978