



APÉNDICE I: Resultados CSiBridge para envolvente de todos los casos de carga de Estado Límite Último en el Puente sobre el barranco del Remedio y la CV-346.



PROYECTO DE CONSTRUCCIÓN DE LA VARIANTE CV-35 A SU PASO POR EL MUNICIPIO DE CHELVA (PROVINCIA DE CASTELLÓN)



ALTERNATIVA NORTE. CÁLCULO SUPERESTRUCTURAS

TRAMO 3. Canto Variable

Distance	OutputCase	StepType	F1	F2	F3	M1	M2	M3
358,4	ELU_VIENTO	Min	3,75E-08	-4,3E-09	-2,1E-08	8,739E-09	-5,65E-10	-4,443E-08
358,4	ELU_GR1_VIENTO	Min	3,79E-08	-4,1E-09	-2,1E-08	8,739E-09	7,63E-10	-3,235E-08
358,4	ELU_GR2	Min	2,26E-08	-5,6E-09	-3,3E-08	5,517E-09	6,941E-10	-2,3E-08
358,4	ELU_TERMICAS	Min	3,45E-08	-5,5E-09	-3E-08	7,021E-09	1,651E-09	-1,524E-08
358,4	ELU_GR1_TERMICAS	Min	3,61E-08	-4,8E-09	-2,7E-08	7,708E-09	2,092E-09	-1,484E-08
358,4	ELU_GR1_VIENTO	Max	4,84E-08	-3,3E-09	-1,8E-08	1,49E-08	6,611E-09	-1,309E-08
358,4	ELU_VIENTO	Max	5,42E-08	-3E-09	-1,6E-08	1,881E-08	9,012E-09	-1,309E-08
358,4	ELU_GR1_TERMICAS	Max	4,05E-08	-3,1E-09	-1,4E-08	9,284E-09	3,15E-09	-9,372E-09
358,4	ELU_TERMICAS	Max	4,1E-08	-2,6E-09	-9,1E-09	9,44E-09	3,243E-09	-6,892E-09
358,4	ELU_GR2	Max	4,95E-08	-2,5E-09	-8,5E-09	1,11E-08	3,603E-09	1,79E-09
358,4	ELU_GR2	Min	-3,7E-08	-2,4E-10	-2,9E-08	-1,56E-08	-2,98E-09	1,616E-08
358,4	ELU_VIENTO	Min	-4,8E-08	1,88E-09	-3,9E-08	-2,77E-08	-4,01E-09	1,71E-08
358,4	ELU_TERMICAS	Min	-3,4E-08	5,83E-10	-2,2E-08	-1,99E-08	-1,14E-09	1,784E-08
358,4	ELU_GR1_VIENTO	Min	-4E-08	1,88E-09	-2,9E-08	-2,01E-08	-2,79E-09	2,062E-08
358,4	ELU_GR1_TERMICAS	Min	-3,2E-08	1,1E-09	-1,9E-08	-1,54E-08	-1,07E-09	2,106E-08
358,4	ELU_GR1_TERMICAS	Max	-2,4E-08	2,89E-09	-1,1E-08	-5,49E-09	-1,87E-10	3,858E-08
358,4	ELU_GR2	Max	-2,8E-09	3,17E-09	1,04E-09	-2,86E-09	5,801E-10	4,044E-08
358,4	ELU_GR1_VIENTO	Max	-2,7E-08	4,01E-09	-1,3E-08	1,677E-13	-3,93E-10	4,185E-08
358,4	ELU_TERMICAS	Max	-2,1E-08	3,42E-09	-1E-08	-3,47E-09	-4,96E-11	4,635E-08
358,4	ELU_VIENTO	Max	-2,7E-08	5,29E-09	-1,3E-08	5,676E-09	-3,93E-10	5,179E-08
358,45	ELU_GR1_VIENTO	Min	0,54	10,022	-0,323	-1079,295	-77,542	-55,045
358,45	ELU_GR1_TERMICAS	Min	0,712	10,034	-1,9E-08	-1079,237	-76,6258	-54,9797
358,45	ELU_GR2	Min	0,296	10,027	-7,4E-05	-807,9749	-57,8647	-41,4984
358,45	ELU_TERMICAS	Min	0,712	10,034	-2,2E-08	-807,9749	-57,3662	-41,3048
358,45	ELU_VIENTO	Min	0,425	10,014	-0,539	-0,0978	-1,527	-0,5463
358,45	ELU_TERMICAS	Max	44,722	629,882	-1E-08	1212,632	86,0969	-0,2959
358,45	ELU_GR1_TERMICAS	Max	59,367	836,15	-1,1E-08	1617,6457	114,8528	-0,2959
358,45	ELU_GR1_VIENTO	Max	59,54	836,162	0,325	1617,8334	114,8528	-0,2308
358,45	ELU_VIENTO	Max	1,302	14,295	0,541	0,3126	-1,64E-05	-0,1875
358,45	ELU_GR2	Max	45,233	629,882	0,177	1212,7342	86,0969	-0,1378
358,45	ELU_TERMICAS	Min	-397,488	-4735,13	-31,823	-3383,715	-240,9297	33,9167
358,45	ELU_GR2	Min	-275,778	-4601,07	-79,155	-3470,44	-247,2487	117,6166
358,45	ELU_GR1_TERMICAS	Min	-205,902	-5100,82	-46,771	-4555,629	-323,5657	194,5934
358,45	ELU_GR1_VIENTO	Min	129,867	-4882,68	-212,323	-4827,449	-349,8405	440,3212
358,45	ELU_VIENTO	Min	251,773	-3197,33	-280,119	-1480,044	-117,8352	468,2502
358,45	ELU_VIENTO	Max	373,052	-2243,25	231,853	-58,5702	6,6224	528,1145
358,45	ELU_GR1_VIENTO	Max	407,406	-1952,2	174,702	2578,642	189,4598	590,0123
358,45	ELU_GR1_TERMICAS	Max	535,512	-1826,47	40,033	2700,0753	191,941	690,7946
358,45	ELU_TERMICAS	Max	612,131	-1837,72	29,216	2068,5086	147,5437	741,3903

358,45	ELU_GR2	Max	651,674	-1908,85	31,103	2380,6634	171,9327	772,0784
359,71192	ELU_TERMICAS	Min	-370,193	-4345,81	-31,711	-3360,761	-229,8681	2255,0176
359,71192	ELU_TERMICAS	Min	-370,193	-4345,81	-31,711	-3361,271	-229,7966	2255,0176
359,71192	ELU_GR1_TERMICAS	Min	-177,486	-4693,47	-47,576	-4517,903	-300,3751	2397,5042
359,71192	ELU_GR1_TERMICAS	Min	-177,486	-4693,47	-47,576	-4518,47	-300,3185	2397,5042
359,71192	ELU_GR2	Min	-237,98	-4211,74	-75,213	-3447,847	-232,3073	2443,9142
359,71192	ELU_GR2	Min	-237,98	-4211,74	-75,213	-3448,372	-232,2631	2443,9142
359,71192	ELU_GR1_VIENTO	Min	161,909	-4475,06	-206,338	-4791,145	-519,6873	2779,9362
359,71192	ELU_GR1_VIENTO	Min	161,909	-4475,06	-206,338	-4791,731	-519,6468	2779,9362
359,71192	ELU_VIENTO	Min	283,406	-2836,6	-268,688	-1470,52	-438,1275	3142,5634
359,71192	ELU_VIENTO	Min	283,406	-2836,6	-268,688	-1470,96	-438,0756	3142,5634
359,71192	ELU_VIENTO	Max	384,667	-1990,44	215,847	-42,0088	315,9711	4352,1611
359,71192	ELU_VIENTO	Max	384,667	-1990,44	215,847	-42,3179	316,0229	4352,1611
359,71192	ELU_GR2	Max	661,319	-1655,61	28,04	2348,5317	196,6705	6277,2739
359,71192	ELU_GR2	Max	661,319	-1655,61	28,04	2348,1197	196,6854	6277,2739
359,71192	ELU_TERMICAS	Max	630,107	-1584,33	26,332	2032,6033	133,2981	6411,1545
359,71192	ELU_TERMICAS	Max	630,107	-1584,33	26,332	2033,04	133,3387	6411,1545
359,71192	ELU_GR1_VIENTO	Max	421,587	-1698,86	164,155	2534,8937	353,4741	6531,8578
359,71192	ELU_GR1_VIENTO	Max	421,587	-1698,86	164,155	2534,4865	353,5212	6531,8578
359,71192	ELU_GR1_TERMICAS	Max	553,519	-1572,87	37,376	2650,7158	168,939	6851,4454
359,71192	ELU_GR1_TERMICAS	Max	553,519	-1572,87	37,376	2651,1569	168,9446	6851,4455
361,02385	ELU_TERMICAS	Min	-339,968	-3920,72	-32,475	-3350,182	-220,211	4199,9195
361,02385	ELU_TERMICAS	Min	-339,968	-3920,72	-32,475	-3349,65	-220,3163	4199,9197
361,02385	ELU_GR1_TERMICAS	Min	-145,445	-4242,6	-48,905	-4501,049	-281,2642	4316,8524
361,02385	ELU_GR1_TERMICAS	Min	-145,445	-4242,6	-48,905	-4500,446	-281,3461	4316,8525
361,02385	ELU_GR2	Min	-196,838	-3786,66	-71,737	-3437,162	-218,6174	4499,317
361,02385	ELU_GR2	Min	-196,838	-3786,66	-71,737	-3436,611	-218,6862	4499,3172
361,02385	ELU_GR1_VIENTO	Min	197,821	-4024,25	-200,06	-4775,078	-689,4897	4843,5145
361,02385	ELU_GR1_VIENTO	Min	197,821	-4024,25	-200,06	-4774,451	-689,5447	4843,5146
361,02385	ELU_VIENTO	Min	316,461	-2462,13	-256,775	-1448,202	-748,938	5583,5201
361,02385	ELU_VIENTO	Min	316,461	-2462,13	-256,775	-1447,756	-749,008	5583,5202
361,02385	ELU_VIENTO	Max	396,563	-1727,05	199,391	-12,7942	623,189	7843,5972
361,02385	ELU_VIENTO	Max	396,563	-1727,05	199,391	-12,4067	623,1173	7843,5974
361,02385	ELU_GR2	Max	671,397	-1391,9	25,627	2304,681	216,0488	11492,357
361,02385	ELU_GR2	Max	671,397	-1391,9	25,627	2305,1914	216,0265	11492,3573
361,02385	ELU_TERMICAS	Max	648,799	-1320,45	24,35	1986,5539	116,2276	11821,165
361,02385	ELU_TERMICAS	Max	648,799	-1320,45	24,35	1987,0958	116,2747	11821,1653
361,02385	ELU_GR1_VIENTO	Max	436,26	-1434,01	153,349	2469,3325	514,9045	12132,1994
361,02385	ELU_GR1_VIENTO	Max	436,26	-1434,01	153,349	2469,834	514,8378	12132,1998
361,02385	ELU_GR1_TERMICAS	Max	572,268	-1308,09	35,271	2581,3822	145,0401	12715,8807
361,02385	ELU_GR1_TERMICAS	Max	572,268	-1308,09	35,271	2581,9271	145,0416	12715,8811
363,21192	ELU_TERMICAS	Min	-288,579	-3168,88	-37,026	-3093,389	-179,4033	6672,6843



PROYECTO DE CONSTRUCCIÓN DE LA VARIANTE CV-35 A SU PASO POR EL MUNICIPIO DE CHELVA (PROVINCIA DE CASTELLÓN)



ALTERNATIVA NORTE. CÁLCULO SUPERESTRUCTURAS

363,21192	ELU_TERMICAS	Min	-288,579	-3168,88	-37,026	-3093,833	-179,2616	6672,6843
363,21192	ELU_GR1_TERMICAS	Min	-90,636	-3432,68	-52,989	-4153,271	-232,8251	6746,3383
363,21192	ELU_GR1_TERMICAS	Min	-90,636	-3432,68	-52,989	-4153,779	-232,7083	6746,3383
363,21192	ELU_GR2	Min	-127,246	-3034,82	-68,084	-3179,104	-172,4077	7156,1743
363,21192	ELU_GR2	Min	-127,246	-3034,82	-68,084	-3179,57	-172,3039	7156,1743
363,21192	ELU_GR1_VIENTO	Min	255,648	-3214,8	-189,43	-4427,076	-932,3282	7514,2224
363,21192	ELU_GR1_VIENTO	Min	255,648	-3214,8	-189,43	-4427,613	-932,2443	7514,2224
363,21192	ELU_VIENTO	Min	365,86	-1838,22	-236,803	-1388,198	-1219,759	8885,0884
363,21192	ELU_VIENTO	Min	365,86	-1838,22	-236,803	-1388,583	-1219,663	8885,0884
363,21192	ELU_VIENTO	Max	422,119	-1287,11	172,324	57,658	1102,7265	12568,5517
363,21192	ELU_VIENTO	Max	422,119	-1287,11	172,324	57,3234	1102,8121	12568,5517
363,21192	ELU_GR2	Max	688,364	-930,042	24,09	2532,837	292,9487	18471,0698
363,21192	ELU_GR2	Max	688,364	-930,042	24,09	2532,3883	292,9808	18471,0699
363,21192	ELU_TERMICAS	Max	680,031	-858,314	24,62	2211,7052	143,188	19124,2481
363,21192	ELU_TERMICAS	Max	680,031	-858,314	24,62	2212,1902	143,2266	19124,2481
363,21192	ELU_GR1_VIENTO	Max	464,363	-960,996	135,656	2759,5599	849,8074	19512,4218
363,21192	ELU_GR1_VIENTO	Max	464,363	-960,996	135,656	2759,1334	849,8859	19512,4219
363,21192	ELU_GR1_TERMICAS	Max	603,724	-835,573	34,007	2867,1875	193,3877	20537,5049
363,21192	ELU_GR1_TERMICAS	Max	603,724	-835,573	34,007	2866,7108	193,3949	20537,5049
365,4	ELU_TERMICAS	Min	-237,423	-2437,32	-41,175	-3067,282	-177,8404	8181,6192
365,4	ELU_TERMICAS	Min	-237,423	-2437,32	-41,175	-3067,479	-177,7386	8181,6192
365,4	ELU_GR1_TERMICAS	Min	-36,24	-2651,92	-56,713	-4120,413	-243,9418	8211,5166
365,4	ELU_GR1_TERMICAS	Min	-36,24	-2651,92	-56,713	-4120,656	-243,8507	8211,5166
365,4	ELU_GR2	Min	-57,892	-2303,25	-64,382	-3150,67	-176,3232	8844,7785
365,4	ELU_GR2	Min	-57,892	-2303,25	-64,382	-3150,884	-176,2205	8844,7786
365,4	ELU_GR1_VIENTO	Min	302,751	-2434,53	-178,595	-4392,492	-1202,487	9221,5356
365,4	ELU_GR1_VIENTO	Min	302,751	-2434,53	-178,595	-4392,759	-1202,411	9221,5356
365,4	ELU_VIENTO	Min	398,075	-1214,35	-216,689	-1323,556	-1631,45	11224,5437
365,4	ELU_VIENTO	Min	398,075	-1214,35	-216,689	-1323,715	-1631,368	11224,5437
365,4	ELU_VIENTO	Max	464,852	-847,139	145,718	154,7265	1539,6255	15920,2006
365,4	ELU_VIENTO	Max	464,852	-847,139	145,718	154,499	1539,7056	15920,2006
365,4	ELU_GR2	Max	705,791	-410,57	22,937	2589,4293	373,7922	23627,1029
365,4	ELU_GR2	Max	705,791	-410,57	22,937	2589,1221	373,8037	23627,103
365,4	ELU_TERMICAS	Max	711,607	-338,551	24,867	2268,1019	179,8794	24599,527
365,4	ELU_TERMICAS	Max	711,607	-338,551	24,867	2267,7651	179,8558	24599,5271
365,4	ELU_GR1_VIENTO	Max	503,311	-409,601	118,365	2805,7603	1165,4429	24870,0014
365,4	ELU_GR1_VIENTO	Max	503,311	-409,601	118,365	2805,4766	1165,5155	24870,0015
365,4	ELU_GR1_TERMICAS	Max	635,703	-284,692	32,853	2911,5157	255,1555	26337,719
365,4	ELU_GR1_TERMICAS	Max	635,703	-284,692	32,853	2911,1914	255,1688	26337,7192
367,10385	ELU_GR1_TERMICAS	Min	7,363	-2039,27	-59,362	-4066,861	-248,1294	8684,5108
367,10385	ELU_GR1_TERMICAS	Min	7,363	-2039,27	-59,362	-4066,989	-248,052	8684,5108

367,10385	ELU_TERMICAS	Min	-196,604	-1863,33	-44,128	-3025,377	-171,336	8688,9978
367,10385	ELU_TERMICAS	Min	-196,604	-1863,33	-44,128	-3025,472	-171,2504	8688,9978
367,10385	ELU_GR2	Min	-2,908	-1729,26	-61,44	-3106,355	-173,9161	9491,0966
367,10385	ELU_GR2	Min	-2,908	-1729,26	-61,44	-3106,464	-173,832	9491,0966
367,10385	ELU_GR1_VIENTO	Min	340,515	-1822,28	-170,008	-4336,738	-1386,174	9883,7009
367,10385	ELU_GR1_VIENTO	Min	340,515	-1822,28	-170,008	-4336,884	-1386,11	9883,7009
367,10385	ELU_VIENTO	Min	422,93	-728,079	-200,916	-1273,645	-1911,916	12379,776
367,10385	ELU_VIENTO	Min	422,93	-728,079	-200,916	-1273,72	-1911,849	12379,776
367,10385	ELU_VIENTO	Max	498,42	-504,165	125,306	239,7066	1849,2433	17578,633
367,10385	ELU_VIENTO	Max	498,42	-504,165	125,306	239,5974	1849,3141	17578,633
367,10385	ELU_GR2	Max	721,873	27,445	22,284	2617,1279	431,8159	26590,8402
367,10385	ELU_GR2	Max	721,873	27,445	22,284	2616,9633	431,8341	26590,8402
367,10385	ELU_TERMICAS	Max	738,633	99,696	25,042	2296,1232	212,3388	27810,4216
367,10385	ELU_TERMICAS	Max	738,633	99,696	25,042	2296,3114	212,3512	27810,4216
367,10385	ELU_GR1_VIENTO	Max	537,133	65,604	105,174	2815,6701	1402,1574	27928,4824
367,10385	ELU_GR1_VIENTO	Max	537,133	65,604	105,174	2815,528	1402,2232	27928,4824
367,10385	ELU_GR1_TERMICAS	Max	663,93	190,103	32,032	2921,4247	312,5808	29741,7598
367,10385	ELU_GR1_TERMICAS	Max	663,93	190,103	32,032	2921,25	312,5983	29741,7598
368,80769	ELU_GR1_TERMICAS	Min	52,349	-1409,83	-61,793	-3904,616	-247,7961	8571,2064
368,80769	ELU_GR1_TERMICAS	Min	52,349	-1409,83	-61,793	-3904,685	-247,7696	8571,2064
368,80769	ELU_TERMICAS	Min	-154,703	-1276,2	-46,837	-2905,366	-163,2922	8610,3757
368,80769	ELU_TERMICAS	Min	-154,703	-1276,2	-46,837	-2905,404	-163,3059	8610,3758
368,80769	ELU_GR2	Min	53,156	-1142,13	-58,426	-2983,53	-167,8216	9538,6598
368,80769	ELU_GR2	Min	53,156	-1142,13	-58,426	-2983,584	-167,7915	9538,6598
368,80769	ELU_GR1_VIENTO	Min	379,539	-1193,24	-161,284	-4171,701	-1543,12	9960,0816
368,80769	ELU_GR1_VIENTO	Min	379,539	-1193,24	-161,284	-4171,792	-1543,038	9960,0816
368,80769	ELU_VIENTO	Min	447,714	-239,922	-185,036	-1224,343	-2158,045	12949,9872
368,80769	ELU_VIENTO	Min	447,714	-239,922	-185,036	-1224,371	-2157,966	12949,9872
368,80769	ELU_VIENTO	Max	532,301	-159,766	105,152	323,7451	2131,4693	18401,9214
368,80769	ELU_VIENTO	Max	532,301	-159,766	105,152	323,7043	2131,5572	18401,9214
368,80769	ELU_GR2	Max	743,109	467,24	21,83	2872,1341	500,6121	28292,3013
368,80769	ELU_GR2	Max	743,109	467,24	21,83	2872,1968	500,5071	28292,3014
368,80769	ELU_GR1_VIENTO	Max	577,931	543,664	92,216	3131,8257	1644,7779	29539,3075
368,80769	ELU_GR1_VIENTO	Max	577,931	543,664	92,216	3131,848	1644,6913	29539,3076
368,80769	ELU_TERMICAS	Max	770,757	539,726	25,204	2552,6005	266,4392	29745,9023
368,80769	ELU_TERMICAS	Max	770,757	539,726	25,204	2552,511	266,5542	29745,9023
368,80769	ELU_GR1_TERMICAS	Max	699	667,743	31,279	3238,5507	396,6335	31698,9298
368,80769	ELU_GR1_TERMICAS	Max	699	667,743	31,279	3238,6098	396,531	31698,9299
371,40231	ELU_GR1_TERMICAS	Min	118	-632,149	-65,074	-3693,377	-312,4827	7262,0909
371,40231	ELU_GR1_TERMICAS	Min	118	-632,149	-65,074	-3693,329	-312,4475	7262,0909
371,40231	ELU_TERMICAS	Min	-92,886	-551,299	-50,495	-2749,582	-215,5613	7354,8867



PROYECTO DE CONSTRUCCIÓN DE LA VARIANTE CV-35 A SU PASO POR EL MUNICIPIO DE CHELVA (PROVINCIA DE CASTELLÓN)



ALTERNATIVA NORTE. CÁLCULO SUPERESTRUCTURAS

371,40231	ELU_TERMICAS	Min	-92,886	-551,299	-50,495	-2749,656	-215,5538	7354,8867
371,40231	ELU_GR2	Min	136,534	-417,521	-53,657	-2823,01	-211,0016	8449,6857
371,40231	ELU_GR2	Min	136,534	-417,521	-53,657	-2822,954	-210,9667	8449,6857
371,40231	ELU_GR1_VIENTO	Min	435,905	-416,19	-147,724	-3955,453	-1792,121	8940,909
371,40231	ELU_GR1_VIENTO	Min	435,905	-416,19	-147,724	-3955,479	-1792,214	8940,9091
371,40231	ELU_VIENTO	Min	485,232	362,067	-160,628	-1157,008	-2468,309	12685,6387
371,40231	ELU_VIENTO	Min	485,232	362,067	-160,628	-1156,941	-2468,221	12685,6387
371,40231	ELU_VIENTO	Max	585,161	520,404	74,934	440,7534	2507,5395	18039,1313
371,40231	ELU_VIENTO	Max	585,161	520,404	74,934	440,8454	2507,6445	18039,1313
371,40231	ELU_GR2	Max	772,096	1259,016	21,484	3059,4383	624,2542	28818,7742
371,40231	ELU_GR2	Max	772,096	1259,016	21,484	3059,537	624,3795	28818,7742
371,40231	ELU_GR1_VIENTO	Max	635,52	1384,084	72,916	3351,1327	2004,8467	29691,3546
371,40231	ELU_GR1_VIENTO	Max	635,52	1384,084	72,916	3351,2859	2004,9495	29691,3546
371,40231	ELU_TERMICAS	Max	816,228	1331,565	25,421	2742,6149	397,0564	30602,3226
371,40231	ELU_TERMICAS	Max	816,228	1331,565	25,421	2742,6854	397,1874	30602,3226
371,40231	ELU_GR1_TERMICAS	Max	747,642	1507,509	30,262	3460,7192	567,6782	32379,9655
371,40231	ELU_GR1_TERMICAS	Max	747,642	1507,509	30,262	3460,8336	567,7962	32379,9655
373,99692	ELU_GR1_TERMICAS	Min	169,508	66,287	-67,851	-3568,249	-377,3048	4560,853
373,99692	ELU_GR1_TERMICAS	Min	169,508	66,287	-67,851	-3568,087	-377,2695	4560,853
373,99692	ELU_TERMICAS	Min	-44,957	100,321	-53,589	-2659,005	-269,9493	4707,7082
373,99692	ELU_TERMICAS	Min	-44,957	100,321	-53,589	-2659,176	-269,9489	4707,7082
373,99692	ELU_GR2	Min	168,985	233,736	-55,095	-2727,292	-255,3964	5970,2624
373,99692	ELU_GR2	Min	168,985	233,736	-55,095	-2727,449	-255,4281	5970,2625
373,99692	ELU_GR1_VIENTO	Min	477,918	281,6	-133,815	-3824,891	-1994,674	6531,1036
373,99692	ELU_GR1_VIENTO	Min	477,918	281,6	-133,815	-3825,034	-1994,756	6531,1037
373,99692	ELU_VIENTO	Min	508,865	901,883	-135,916	-1104,618	-2702,306	11032,4035
373,99692	ELU_VIENTO	Min	508,865	901,883	-135,916	-1104,481	-2702,23	11032,4035
373,99692	ELU_VIENTO	Max	653,853	1289,564	45,256	536,9781	2817,7183	15695,4874
373,99692	ELU_VIENTO	Max	653,853	1289,564	45,256	536,7858	2817,62	15695,4875
373,99692	ELU_GR2	Max	854,549	2147,942	27,989	3235,4495	734,8586	26858,1512
373,99692	ELU_GR2	Max	854,549	2147,942	27,989	3235,6644	734,977	26858,1512
373,99692	ELU_GR1_VIENTO	Max	710,147	2326,912	54,12	3564,4627	2329,7785	27125,3144
373,99692	ELU_GR1_VIENTO	Max	710,147	2326,912	54,12	3564,7307	2329,8759	27125,3144
373,99692	ELU_TERMICAS	Max	878,036	2220,495	25,605	2921,8786	536,2242	28971,877
373,99692	ELU_TERMICAS	Max	878,036	2220,495	25,605	2922,07	536,3434	28971,877
373,99692	ELU_GR1_TERMICAS	Max	813,085	2449,668	29,401	3677,5243	747,5283	30344,9172
373,99692	ELU_GR1_TERMICAS	Max	813,085	2449,668	29,401	3677,7599	747,6371	30344,9172
376,59154	ELU_GR1_TERMICAS	Min	220,335	763,991	-70,12	-3487,626	-441,7419	431,8864
376,59154	ELU_GR1_TERMICAS	Min	220,335	763,991	-70,12	-3487,411	-441,708	431,8864
376,59154	ELU_TERMICAS	Min	2,597	756,898	-56,12	-2604,277	-326,3058	633,0874
376,59154	ELU_TERMICAS	Min	2,597	756,898	-56,12	-2604,059	-326,3009	633,0874

376,59154	ELU_GR2	Min	194,912	889,944	-58,387	-2667,588	-301,8689	2064,7872
376,59154	ELU_GR2	Min	194,912	889,944	-58,387	-2667,381	-301,8407	2064,7872
376,59154	ELU_GR1_VIENTO	Min	519,087	978,643	-119,533	-3739,149	-2150,973	2695,286
376,59154	ELU_GR1_VIENTO	Min	519,087	978,643	-119,533	-3739,35	-2151,043	2695,2861
376,59154	ELU_VIENTO	Min	532,335	1457,86	-110,864	-1070,955	-2861,678	7954,8716
376,59154	ELU_VIENTO	Min	532,335	1457,86	-110,864	-1070,777	-2861,614	7954,8716
376,59154	ELU_VIENTO	Max	725,463	2080,592	16,078	606,6548	3060,4867	11322,7766
376,59154	ELU_VIENTO	Max	725,463	2080,592	16,078	606,9046	3060,5744	11322,7766
376,59154	ELU_GR1_VIENTO	Max	787,739	3285,224	35,802	3740,5572	2639,5655	21949,9036
376,59154	ELU_GR1_VIENTO	Max	787,739	3285,224	35,802	3740,8864	2639,6564	21949,9036
376,59154	ELU_GR2	Max	945,838	3052,483	37,004	3374,9929	847,667	22480,0808
376,59154	ELU_GR2	Max	945,838	3052,483	37,004	3375,2737	847,7755	22480,0808
376,59154	ELU_TERMICAS	Max	942,459	3125,04	25,754	3064,4801	698,6515	24924,2668
376,59154	ELU_TERMICAS	Max	942,459	3125,04	25,754	3064,742	698,7574	24924,2668
376,59154	ELU_GR1_TERMICAS	Max	881,299	3407,299	28,695	3856,7573	955,817	25702,6278
376,59154	ELU_GR1_TERMICAS	Max	881,299	3407,299	28,695	3857,0605	955,9158	25702,6278
379,18615	ELU_GR1_TERMICAS	Min	271,724	1466,852	-71,919	-3446,473	-514,3886	-5172,6186
379,18615	ELU_GR1_TERMICAS	Min	271,724	1466,852	-71,919	-3446,247	-514,3593	-5172,6186
379,18615	ELU_TERMICAS	Min	51,049	1423,861	-58,144	-2581,13	-390,701	-4916,9267
379,18615	ELU_TERMICAS	Min	51,049	1423,861	-58,144	-2580,905	-390,6934	-4916,9267
379,18615	ELU_GR2	Min	221,745	1556,535	-61,317	-2639,994	-357,1887	-3314,5587
379,18615	ELU_GR2	Min	221,745	1556,535	-61,317	-2639,777	-357,1657	-3314,5587
379,18615	ELU_GR1_VIENTO	Min	560,698	1680,831	-104,858	-3693,743	-2270,36	-2614,1018
379,18615	ELU_GR1_VIENTO	Min	560,698	1680,831	-104,858	-3693,959	-2270,416	-2614,1017
379,18615	ELU_VIENTO	Min	557,08	2034,601	-85,434	-1056,356	-2947,702	3405,4908
379,18615	ELU_VIENTO	Min	557,08	2034,601	-85,434	-1056,169	-2947,652	3405,4908
379,18615	ELU_VIENTO	Max	799,331	2899,691	-12,637	649,9608	3235,1815	4856,3722
379,18615	ELU_VIENTO	Max	799,331	2899,691	-12,637	650,2232	3235,2542	4856,3722
379,18615	ELU_GR1_VIENTO	Max	867,366	4264,879	17,942	3877,5431	2920,3804	14121,7956
379,18615	ELU_GR1_VIENTO	Max	867,366	4264,879	17,942	3877,8727	2920,4555	14121,7956
379,18615	ELU_GR2	Max	1038,97	3978,711	46,293	3475,9812	952,0534	15636,1892
379,18615	ELU_GR2	Max	1038,97	3978,711	46,293	3476,2716	952,1432	15636,1892
379,18615	ELU_GR1_TERMICAS	Max	951,398	4386,265	28,146	3995,571	1178,4358	18409,9073
379,18615	ELU_GR1_TERMICAS	Max	951,398	4386,265	28,146	3995,8811	1178,516	18409,9073
379,18615	ELU_TERMICAS	Max	1008,684	4051,271	25,87	3167,6688	873,2503	18411,1395
379,18615	ELU_TERMICAS	Max	1008,684	4051,271	25,87	3167,945	873,3356	18411,1395
381,78077	ELU_GR1_TERMICAS	Min	322,512	2151,001	-73,266	-3446,838	-594,6104	-13465,399
381,78077	ELU_GR1_TERMICAS	Min	322,512	2151,001	-73,266	-3447,034	-594,6345	-13465,399
381,78077	ELU_TERMICAS	Min	99,598	2084,396	-59,685	-2590,143	-462,3542	-13154,869
381,78077	ELU_TERMICAS	Min	99,598	2084,396	-59,685	-2589,95	-462,3451	-13154,869
381,78077	ELU_GR2	Min	248,681	2216,697	-63,851	-2645,466	-471,1934	-11380,208



PROYECTO DE CONSTRUCCIÓN DE LA VARIANTE CV-35 A SU PASO POR EL MUNICIPIO DE CHELVA (PROVINCIA DE CASTELLÓN)



ALTERNATIVA NORTE. CÁLCULO SUPERESTRUCTURAS

381,78077	ELU_GR2	Min	248,681	2216,697	-63,851	-2645,279	-471,1712	-11380,208
381,78077	ELU_GR1_VIENTO	Min	601,633	2364,299	-89,777	-3691,639	-2352,944	-10609,531
381,78077	ELU_GR1_VIENTO	Min	601,633	2364,299	-89,777	-3691,45	-2352,903	-10609,531
381,78077	ELU_VIENTO	Min	583,48	2636,483	-59,596	-1057,422	-2961,271	-3827,6194
381,78077	ELU_VIENTO	Min	583,48	2636,483	-59,596	-1057,584	-2961,306	-3827,6193
381,78077	ELU_VIENTO	Max	875,814	3752,761	-22,315	671,2417	3340,9996	-2631,4143
381,78077	ELU_VIENTO	Max	875,814	3752,761	-22,315	671,4688	3341,0528	-2631,4143
381,78077	ELU_GR1_VIENTO	Max	951,725	5299,899	11,689	3981,8784	3165,4738	4791,4557
381,78077	ELU_GR1_VIENTO	Max	951,725	5299,899	11,689	3982,158	3165,5288	4791,4557
381,78077	ELU_GR2	Max	1136,093	4953,639	55,824	3543,4725	1092,719	7457,2507
381,78077	ELU_GR2	Max	1136,093	4953,639	55,824	3543,7235	1092,7806	7457,2507
381,78077	ELU_GR1_TERMICAS	Max	1026,12	5420,589	27,763	4099,745	1408,4728	9617,3636
381,78077	ELU_GR1_TERMICAS	Max	1026,12	5420,589	27,763	4099,4784	1408,415	9617,3637
381,78077	ELU_TERMICAS	Max	1078,877	5026,203	25,963	3235,86	1054,4964	10563,2518
381,78077	ELU_TERMICAS	Max	1078,877	5026,203	25,963	3236,1015	1054,5574	10563,2518
384,37538	ELU_GR1_TERMICAS	Min	375,829	2880,544	-74,078	-3460,134	-701,4896	-25559,533
384,37538	ELU_GR1_TERMICAS	Min	375,829	2880,544	-74,078	-3460,013	-701,476	-25559,533
384,37538	ELU_TERMICAS	Min	150,646	2787,314	-60,614	-2607,34	-555,0814	-25142,054
384,37538	ELU_TERMICAS	Min	150,646	2787,314	-60,614	-2607,458	-555,0874	-25142,054
384,37538	ELU_GR2	Min	278,122	2919,239	-65,851	-2660,537	-681,6811	-23172,145
384,37538	ELU_GR2	Min	278,122	2919,239	-65,851	-2660,422	-681,669	-23172,145
384,37538	ELU_GR1_VIENTO	Min	645,063	3093,156	-95,664	-3703,716	-2418,257	-22371,909
384,37538	ELU_GR1_VIENTO	Min	645,063	3093,156	-95,664	-3703,599	-2418,235	-22371,909
384,37538	ELU_VIENTO	Min	611,9	3267,61	-68,986	-1067,664	-2903,049	-14703,39
384,37538	ELU_VIENTO	Min	611,9	3267,61	-68,986	-1067,564	-2903,03	-14703,39
384,37538	ELU_VIENTO	Max	955,237	4645,327	-22,939	680,188	3377,5026	-10347,087
384,37538	ELU_VIENTO	Max	955,237	4645,327	-22,939	680,3286	3377,5317	-10347,087
384,37538	ELU_GR1_VIENTO	Max	1036,5	6337,144	11,048	4065,181	3371,1319	-5049,2927
384,37538	ELU_GR1_VIENTO	Max	1036,5	6337,144	11,048	4065,3514	3371,1618	-5049,2927
384,37538	ELU_GR2	Max	1234,098	5939,09	65,547	3587,6482	1290,0669	-1124,9752
384,37538	ELU_GR2	Max	1234,098	5939,09	65,547	3587,8031	1290,1004	-1124,9752
384,37538	ELU_GR1_TERMICAS	Max	1101,19	6457,134	27,538	4179,1859	1641,8829	348,8661
384,37538	ELU_GR1_TERMICAS	Max	1101,19	6457,134	27,538	4179,3499	1641,9139	348,8661
384,37538	ELU_TERMICAS	Max	1149,951	6011,656	26,023	3278,6142	1239,2117	2333,5693
384,37538	ELU_TERMICAS	Max	1149,951	6011,656	26,023	3278,7643	1239,2443	2333,5693
386,97	ELU_GR1_TERMICAS	Min	425,922	3621,268	-74,349	-3530,008	-833,3225	-40311,845
386,97	ELU_GR1_TERMICAS	Min	425,922	3621,268	-74,349	-3529,983	-833,32	-40311,845
386,97	ELU_TERMICAS	Min	199,93	3507,748	-60,924	-2663,895	-667,1674	-39624,712
386,97	ELU_TERMICAS	Min	199,93	3507,748	-60,924	-2663,871	-667,1662	-39624,712
386,97	ELU_GR2	Min	305,801	3639,299	-67,257	-2716,411	-936,9032	-37454,102
386,97	ELU_GR2	Min	305,801	3639,299	-67,257	-2716,388	-936,901	-37454,102

386,97	ELU_GR1_VIENTO	Min	685,278	3833,189	-112,293	-3774,888	-2465,277	-36803,666
386,97	ELU_GR1_VIENTO	Min	685,278	3833,189	-112,293	-3774,864	-2465,273	-36803,666
386,97	ELU_VIENTO	Min	642,675	3931,754	-96,559	-1075,674	-2773,107	-27981,946
386,97	ELU_VIENTO	Min	642,675	3931,754	-96,559	-1075,654	-2773,103	-27981,946
386,97	ELU_VIENTO	Max	1037,899	5582,473	-6,337	691,9246	3344,5368	-19719,933
386,97	ELU_VIENTO	Max	1037,899	5582,473	-6,337	691,9527	3344,5421	-19719,933
386,97	ELU_GR1_VIENTO	Max	1124,767	7420,359	20,921	4188,4362	3536,2716	-16622,771
386,97	ELU_GR1_VIENTO	Max	1124,767	7420,359	20,921	4188,4697	3536,277	-16622,771
386,97	ELU_GR2	Max	1335,407	6969,29	75,415	3657,6391	1492,5863	-11487,937
386,97	ELU_GR2	Max	1335,407	6969,29	75,415	3657,6698	1492,5923	-11487,937
386,97	ELU_GR1_TERMICAS	Max	1179,725	7539,648	27,463	4294,8033	1877,6624	-10663,642
386,97	ELU_GR1_TERMICAS	Max	1179,725	7539,648	27,463	4294,8357	1877,668	-10663,642
386,97	ELU_TERMICAS	Max	1224,345	7041,859	26,043	3344,4643	1426,3307	-7672,9875
386,97	ELU_TERMICAS	Max	1224,345	7041,859	26,043	3344,4942	1426,3365	-7672,9875
389,4	ELU_GR1_TERMICAS	Min	472,635	4295,424	-74,349	-3534,59	-930,8773	-56636,877
389,4	ELU_GR1_TERMICAS	Min	472,635	4295,424	-74,349	-3534,59	-930,8773	-56636,877
389,4	ELU_TERMICAS	Min	246,566	4176,731	-60,924	-2668,702	-752,8087	-55548,185
389,4	ELU_TERMICAS	Min	246,566	4176,731	-60,924	-2668,702	-752,8087	-55548,185
389,4	ELU_GR2	Min	332,204	4308,283	-68,28	-2721,589	-1144,066	-53187,216
389,4	ELU_GR2	Min	332,204	4308,283	-68,28	-2721,589	-1144,066	-53187,216
389,4	ELU_GR1_VIENTO	Min	722,758	4506,698	-127,7	-3781,815	-2444,688	-52836,06
389,4	ELU_GR1_VIENTO	Min	722,758	4506,698	-127,7	-3781,815	-2444,688	-52836,06
389,4	ELU_VIENTO	Min	673,862	4586,691	-122,236	-1077,67	-2586,792	-42690,963
389,4	ELU_VIENTO	Min	673,862	4586,691	-122,236	-1077,67	-2586,792	-42690,963
389,4	ELU_VIENTO	Max	1118,485	6504,616	19,01	710,1537	3250,0156	-30093,885
389,4	ELU_VIENTO	Max	1118,485	6504,616	19,01	710,1537	3250,0156	-30093,885
389,4	ELU_GR1_VIENTO	Max	1209,093	8459,865	36,129	4261,959	3653,2571	-27460,804
389,4	ELU_GR1_VIENTO	Max	1209,093	8459,865	36,129	4261,959	3653,2571	-27460,804
389,4	ELU_GR2	Max	1427,301	7963,299	76,437	3686,2297	1685,8372	-21646,874
389,4	ELU_GR2	Max	1427,301	7963,299	76,437	3686,2297	1685,8372	-21646,874
389,4	ELU_GR1_TERMICAS	Max	1254,935	8578,498	27,463	4359,0627	2099,5255	-20984,192
389,4	ELU_GR1_TERMICAS	Max	1254,935	8578,498	27,463	4359,0627	2099,5255	-20984,192
389,4	ELU_TERMICAS	Max	1296,007	8035,87	26,043	3372,8328	1602,6333	-17498,696
389,4	ELU_TERMICAS	Max	1296,007	8035,87	26,043	3372,8328	1602,6333	-17498,696
390,4	ELU_GR1_TERMICAS	Min	492,31	4572,409	-74,349	-3542,698	-971,4581	-64079,289
390,4	ELU_GR1_TERMICAS	Min	-406,709	-8523,02	-24,306	-4335,375	-947,0008	-63348,695
390,4	ELU_TERMICAS	Min	266,228	4453,609	-60,924	-2675,166	-788,3772	-62787,811
390,4	ELU_TERMICAS	Min	-626,666	-7869,66	-16,88	-3002,583	-783,065	-62053,952
390,4	ELU_GR2	Min	343,539	4585,162	-68,7	-2728,215	-1230,367	-60348,327
390,4	ELU_GR1_VIENTO	Min	738,633	4783,417	-134,04	-3790,941	-2425,841	-60158,217
390,4	ELU_GR2	Min	-401,291	-7876,45	-27,63	-3078,13	-1215,487	-59577,744



PROYECTO DE CONSTRUCCIÓN DE LA VARIANTE CV-35 A SU PASO POR EL MUNICIPIO DE CHELVA (PROVINCIA DE CASTELLÓN)



ALTERNATIVA NORTE. CÁLCULO SUPERESTRUCTURAS

390,4	ELU_GR1_VIENTO	Min	-6,79	-8522,39	-182,821	-4582,372	-2392,543	-59556,632
390,4	ELU_VIENTO	Min	687,183	4863,054	-132,803	-1078,638	-2492,104	-49405,985
390,4	ELU_VIENTO	Min	138,452	-6500,48	-264,219	-884,0984	-2503,411	-48919,367
390,4	ELU_VIENTO	Max	1152,303	6893,335	29,441	717,635	3193,033	-34833,955
390,4	ELU_VIENTO	Max	289,63	-4591,99	196,395	464,2687	3196,3106	-34183,889
390,4	ELU_GR1_VIENTO	Max	1244,346	8895,553	42,387	4296,5206	3691,1007	-32137,846
390,4	ELU_GR1_VIENTO	Max	314,357	-4339,92	143,603	3265,7977	3541,1602	-31557,681
390,4	ELU_GR2	Max	1465,685	8380,394	76,858	3701,1167	1766,4993	-26118,631
390,4	ELU_GR2	Max	574,022	-4413,76	33,139	2782,0857	1675,9398	-25826,736
390,4	ELU_GR1_TERMICAS	Max	1286,438	9013,916	27,463	4389,8221	2191,3783	-25448,12
390,4	ELU_GR1_TERMICAS	Max	481,15	-4340,8	28,742	3231,4557	2041,5308	-25069,393
390,4	ELU_TERMICAS	Max	1326,064	8452,965	26,043	3387,5583	1675,5977	-21832,808
390,4	ELU_TERMICAS	Max	582,129	-4420,56	21,067	2426,12	1588,3935	-21525,03
391,4	ELU_GR1_TERMICAS	Min	-376,225	-8088,15	-24,306	-4301,729	-946,2669	-55640,766
391,4	ELU_GR1_TERMICAS	Min	-376,225	-8088,15	-24,306	-4301,729	-946,2669	-55640,766
391,4	ELU_TERMICAS	Min	-597,364	-7452,97	-16,88	-2985,857	-781,3018	-54835,457
391,4	ELU_TERMICAS	Min	-597,364	-7452,97	-16,88	-2985,857	-781,3018	-54835,457
391,4	ELU_GR2	Min	-363,663	-7459,77	-27,209	-3061,566	-1203,603	-52353,637
391,4	ELU_GR2	Min	-363,663	-7459,77	-27,209	-3061,566	-1203,603	-52353,637
391,4	ELU_GR1_VIENTO	Min	21,94	-8087,78	-176,51	-4549,737	-2526,44	-51847,656
391,4	ELU_GR1_VIENTO	Min	21,94	-8087,78	-176,51	-4549,737	-2526,44	-51847,656
391,4	ELU_VIENTO	Min	163,094	-6112,66	-253,701	-885,7827	-2727,835	-42600,953
391,4	ELU_VIENTO	Min	163,094	-6112,66	-253,701	-885,7827	-2727,835	-42600,953
391,4	ELU_VIENTO	Max	310,714	-4314,74	185,916	470,659	3422,639	-29717,805
391,4	ELU_VIENTO	Max	310,714	-4314,74	185,916	470,659	3422,639	-29717,805
391,4	ELU_GR1_VIENTO	Max	334,914	-4062,65	137,316	3266,7808	3672,4606	-27331,682
391,4	ELU_GR1_VIENTO	Max	334,914	-4062,65	137,316	3266,7808	3672,4606	-27331,682
391,4	ELU_GR2	Max	585,367	-4136,87	32,718	2779,4163	1656,1838	-21529,925
391,4	ELU_GR2	Max	585,367	-4136,87	32,718	2779,4163	1656,1838	-21529,925
391,4	ELU_GR1_TERMICAS	Max	500,848	-4063,8	28,742	3228,6047	2034,0913	-20840,829
391,4	ELU_GR1_TERMICAS	Max	500,848	-4063,8	28,742	3228,6047	2034,0913	-20840,829
391,4	ELU_TERMICAS	Max	601,8	-4143,67	21,067	2423,289	1580,0831	-17222,598
391,4	ELU_TERMICAS	Max	601,8	-4143,67	21,067	2423,289	1580,0831	-17222,598
394,9	ELU_TERMICAS	Min	-498,26	-6044,85	-16,88	-2932,845	-762,3582	-34480,562
394,9	ELU_TERMICAS	Min	-498,26	-6044,85	-16,88	-2932,845	-762,3582	-34480,562
394,9	ELU_GR1_TERMICAS	Min	-272,852	-6615,43	-24,306	-4192,649	-926,8245	-34330,51
394,9	ELU_GR1_TERMICAS	Min	-272,852	-6615,43	-24,306	-4192,649	-926,8245	-34330,51
394,9	ELU_GR2	Min	-235,417	-6051,65	-25,737	-3009,072	-1152,558	-31976,161
394,9	ELU_GR2	Min	-235,417	-6051,65	-25,737	-3009,072	-1152,558	-31976,161
394,9	ELU_GR1_VIENTO	Min	112,122	-6616,01	-154,422	-4443,77	-2928,566	-30526,87
394,9	ELU_GR1_VIENTO	Min	112,122	-6616,01	-154,422	-4443,77	-2928,566	-30526,87

394,9	ELU_VIENTO	Min	233,553	-4812,22	-216,887	-890,9489	-3430,586	-23482,916
394,9	ELU_VIENTO	Min	233,553	-4812,22	-216,887	-890,9489	-3430,586	-23482,916
394,9	ELU_VIENTO	Max	398,571	-3386,52	149,238	491,9647	4131,7493	-16227,597
394,9	ELU_VIENTO	Max	398,571	-3386,52	149,238	491,9647	4131,7493	-16227,597
394,9	ELU_GR1_VIENTO	Max	414,237	-3131,73	115,309	3292,908	4067,3417	-12874,592
394,9	ELU_GR1_VIENTO	Max	414,237	-3131,73	115,309	3292,908	4067,3417	-12874,592
394,9	ELU_GR2	Max	622,134	-3208,89	31,246	2786,6037	1579,1251	-7311,3861
394,9	ELU_GR2	Max	622,134	-3208,89	31,246	2786,6037	1579,1251	-7311,3861
394,9	ELU_GR1_TERMICAS	Max	566,932	-3133,81	28,742	3241,9491	1993,2063	-6366,5721
394,9	ELU_GR1_TERMICAS	Max	566,932	-3133,81	28,742	3241,9491	1993,2063	-6366,5721
394,9	ELU_TERMICAS	Max	667,709	-3215,69	21,067	2429,952	1539,7629	-2980,2566
394,9	ELU_TERMICAS	Max	667,709	-3215,69	21,067	2429,952	1539,7629	-2980,2566
398,4	ELU_TERMICAS	Min	-405,497	-4728,74	-16,88	-2872,716	-742,9246	-18916,309
398,4	ELU_TERMICAS	Min	-405,497	-4728,74	-16,88	-2872,716	-742,9246	-18916,309
398,4	ELU_GR1_TERMICAS	Min	-175,585	-5232,67	-24,306	-4076,304	-906,7983	-18141,816
398,4	ELU_GR1_TERMICAS	Min	-175,585	-5232,67	-24,306	-4076,304	-906,7983	-18141,816
398,4	ELU_GR2	Min	-160,357	-4735,53	-24,265	-2949,519	-1106,189	-16389,63
398,4	ELU_GR2	Min	-160,357	-4735,53	-24,265	-2949,519	-1106,189	-16389,63
398,4	ELU_GR1_VIENTO	Min	196,2	-5234,19	-132,334	-4331,088	-3252,889	-14324,995
398,4	ELU_GR1_VIENTO	Min	196,2	-5234,19	-132,334	-4331,088	-3252,889	-14324,995
398,4	ELU_VIENTO	Min	296,583	-3616,42	-180,074	-897,0557	-4004,64	-8737,7677
398,4	ELU_VIENTO	Min	296,583	-3616,42	-180,074	-897,0557	-4004,64	-8737,7677
398,4	ELU_VIENTO	Max	480,924	-2535,82	112,559	514,562	4711,6881	-5852,6054
398,4	ELU_VIENTO	Max	480,924	-2535,82	112,559	514,562	4711,6881	-5852,6054
398,4	ELU_GR1_VIENTO	Max	491,828	-2240,36	93,302	3331,2447	4383,965	-88,6627
398,4	ELU_GR1_VIENTO	Max	491,828	-2240,36	93,302	3331,2447	4383,965	-88,6627
398,4	ELU_GR2	Max	702,974	-2331,58	29,774	2800,7136	1506,6074	4813,4057
398,4	ELU_GR2	Max	702,974	-2331,58	29,774	2800,7136	1506,6074	4813,4057
398,4	ELU_GR1_TERMICAS	Max	631,284	-2243,38	28,742	3266,7274	1951,5664	6437,755
398,4	ELU_GR1_TERMICAS	Max	631,284	-2243,38	28,742	3266,7274	1951,5664	6437,755
398,4	ELU_TERMICAS	Max	730,846	-2338,38	21,067	2443,4871	1498,8175	9166,7734
398,4	ELU_TERMICAS	Max	730,846	-2338,38	21,067	2443,4871	1498,8175	9166,7734
404,4	ELU_TERMICAS	Min	-256,756	-2624,49	-16,88	-2755,985	-721,0873	-4103,1769
404,4	ELU_TERMICAS	Min	-256,756	-2624,49	-16,88	-2755,985	-721,0873	-4103,1769
404,4	ELU_GR1_TERMICAS	Min	-18,742	-3011,7	-24,306	-3865,892	-887,8046	-2839,9969
404,4	ELU_GR1_TERMICAS	Min	-18,742	-3011,7	-24,306	-3865,892	-887,8046	-2839,9969
404,4	ELU_GR2	Min	-61,575	-2631,27	-21,741	-2833,802	-1050,197	-1538,0293
404,4	ELU_GR2	Min	-61,575	-2631,27	-21,741	-2833,802	-1050,197	-1538,0293
404,4	ELU_GR1_VIENTO	Min	330,432	-3014,83	-94,468	-4127,071	-3644,56	1006,6999
404,4	ELU_GR1_VIENTO	Min	330,432	-3014,83	-94,468	-4127,071	-3644,56	1006,6999
404,4	ELU_VIENTO	Min	392,016	-1744,2	-116,965	-907,7403	-4689,316	5070,9071



PROYECTO DE CONSTRUCCIÓN DE LA VARIANTE CV-35 A SU PASO POR EL MUNICIPIO DE CHELVA (PROVINCIA DE CASTELLÓN)



ALTERNATIVA NORTE. CÁLCULO SUPERESTRUCTURAS

404,4	ELU_VIENTO	Min	392,016	-1744,2	-116,965	-907,7403	-4689,316	5070,9071
404,4	ELU_VIENTO	Max	612,754	-1209,13	49,683	553,8757	5405,3472	7546,7198
404,4	ELU_VIENTO	Max	612,754	-1209,13	49,683	553,8757	5405,3472	7546,7198
404,4	ELU_GR1_VIENTO	Max	626,777	-638,112	55,576	3433,6618	4752,1139	16815,2506
404,4	ELU_GR1_VIENTO	Max	626,777	-638,112	55,576	3433,6618	4752,1139	16815,2506
404,4	ELU_GR2	Max	859,986	-809,472	27,249	2846,7491	1398,5469	20597,4009
404,4	ELU_GR2	Max	859,986	-809,472	27,249	2846,7491	1398,5469	20597,4009
404,4	ELU_GR1_TERMICAS	Max	743,539	-642,735	28,742	3345,5555	1885,8629	23379,0028
404,4	ELU_GR1_TERMICAS	Max	743,539	-642,735	28,742	3345,5555	1885,8629	23379,0028
404,4	ELU_TERMICAS	Max	837,9	-816,264	21,067	2488,5156	1432,8614	24987,8645
404,4	ELU_TERMICAS	Max	837,9	-816,264	21,067	2488,5156	1432,8614	24987,8645
410,4	ELU_TERMICAS	Min	-115,068	-631,695	-16,88	-2632,824	-725,2892	434,0767
410,4	ELU_TERMICAS	Min	-115,068	-631,695	-16,88	-2632,824	-725,2892	434,0767
410,4	ELU_GR1_TERMICAS	Min	131,134	-904,643	-24,306	-3658,905	-903,6293	2018,6201
410,4	ELU_GR1_TERMICAS	Min	131,134	-904,643	-24,306	-3658,905	-903,6293	2018,6201
410,4	ELU_GR2	Min	30,156	-638,474	-19,216	-2711,619	-1035,427	3038,0239
410,4	ELU_GR2	Min	30,156	-638,474	-19,216	-2711,619	-1035,427	3038,0239
410,4	ELU_GR1_VIENTO	Min	457,696	-909,381	-56,603	-3926,062	-3844,122	5905,2737
410,4	ELU_GR1_VIENTO	Min	457,696	-909,381	-56,603	-3926,062	-3844,122	5905,2737
410,4	ELU_VIENTO	Min	478,295	-3,191	-53,856	-917,7216	-4995,781	8734,9868
410,4	ELU_VIENTO	Min	478,295	-3,191	-53,856	-917,7216	-4995,781	8734,9868
410,4	ELU_VIENTO	Max	737,803	24,35	3,688	592,3302	5719,4	12632,665
410,4	ELU_VIENTO	Max	737,803	24,35	3,688	592,3302	5719,4	12632,665
410,4	ELU_GR1_VIENTO	Max	760,102	932,149	27,979	3592,9504	4962,0779	23211,9921
410,4	ELU_GR1_VIENTO	Max	760,102	932,149	27,979	3592,9504	4962,0779	23211,9921
410,4	ELU_GR2	Max	1013,622	658,555	24,725	2926,8274	1357,7774	26575,6361
410,4	ELU_GR2	Max	1013,622	658,555	24,725	2926,8274	1357,7774	26575,6361
410,4	ELU_GR1_TERMICAS	Max	854,169	925,921	28,742	3481,7709	1889,7381	29823,7458
410,4	ELU_GR1_TERMICAS	Max	854,169	925,921	28,742	3481,7709	1889,7381	29823,7458
410,4	ELU_TERMICAS	Max	941,578	651,768	21,067	2567,6206	1419,0135	31004,0834
410,4	ELU_TERMICAS	Max	941,578	651,768	21,067	2567,6206	1419,0135	31004,0834
416,73333	ELU_TERMICAS	Min	6,733	917,283	-16,88	-2550,231	-761,2315	-4702,5675
416,73333	ELU_TERMICAS	Min	6,733	917,283	-16,88	-2550,231	-761,2315	-4702,5675
416,73333	ELU_GR1_TERMICAS	Min	260,707	749,83	-24,306	-3518,57	-962,4604	-3428,3997
416,73333	ELU_GR1_TERMICAS	Min	260,707	749,83	-24,306	-3518,57	-962,4604	-3428,3997
416,73333	ELU_GR2	Min	99,223	910,509	-16,552	-2630,034	-1073,31	-2087,228
416,73333	ELU_GR2	Min	99,223	910,509	-16,552	-2630,034	-1073,31	-2087,228
416,73333	ELU_GR1_VIENTO	Min	563,402	743,391	-72,18	-3792,135	-3850,711	511,3519
416,73333	ELU_GR1_VIENTO	Min	563,402	743,391	-72,18	-3792,135	-3850,711	511,3519
416,73333	ELU_VIENTO	Min	541,958	1293,66	-79,817	-928,3835	-4908,961	4644,5695
416,73333	ELU_VIENTO	Min	541,958	1293,66	-79,817	-928,3835	-4908,961	4644,5695

416,73333	ELU_VIENTO	Max	897,696	1874,09	13,012	632,5345	5639,0743	6649,7926
416,73333	ELU_VIENTO	Max	897,696	1874,09	13,012	632,5345	5639,0743	6649,7926
416,73333	ELU_GR1_VIENTO	Max	931,486	3163,89	33,574	3849,5021	5001,5575	15730,3138
416,73333	ELU_GR1_VIENTO	Max	931,486	3163,89	33,574	3849,5021	5001,5575	15730,3138
416,73333	ELU_GR2	Max	1205,192	2767,843	22,061	3066,554	1385,3385	19675,2888
416,73333	ELU_GR2	Max	1205,192	2767,843	22,061	3066,554	1385,3385	19675,2888
416,73333	ELU_GR1_TERMICAS	Max	1001,598	3155,967	28,742	3714,2005	1958,7753	22405,7008
416,73333	ELU_GR1_TERMICAS	Max	1001,598	3155,967	28,742	3714,2005	1958,7753	22405,7008
416,73333	ELU_TERMICAS	Max	1080,415	2761,061	21,067	2706,3335	1453,0246	24116,1319
416,73333	ELU_TERMICAS	Max	1080,415	2761,061	21,067	2706,3335	1453,0246	24116,1319
423,06667	ELU_TERMICAS	Min	121,399	2532,79	-16,88	-2495,71	-818,7351	-21909,479
423,06667	ELU_TERMICAS	Min	121,399	2532,79	-16,88	-2495,71	-818,7351	-21909,479
423,06667	ELU_GR1_TERMICAS	Min	381,107	2445,735	-24,306	-3429,001	-1050,104	-21192,221
423,06667	ELU_GR1_TERMICAS	Min	381,107	2445,735	-24,306	-3429,001	-1050,104	-21192,221
423,06667	ELU_GR2	Min	161,156	2526,02	-17,101	-2576,547	-1140,688	-19313,206
423,06667	ELU_GR2	Min	161,156	2526,02	-17,101	-2576,547	-1140,688	-19313,206
423,06667	ELU_GR1_VIENTO	Min	659,934	2437,595	-112,002	-3709,46	-3633,272	-17282,351
423,06667	ELU_GR1_VIENTO	Min	659,934	2437,595	-112,002	-3709,46	-3633,272	-17282,351
423,06667	ELU_VIENTO	Min	602,403	2702,44	-146,187	-939,8455	-4400,753	-11480,9
423,06667	ELU_VIENTO	Min	602,403	2702,44	-146,187	-939,8455	-4400,753	-11480,9
423,06667	ELU_VIENTO	Max	1079,481	3874,934	79,627	673,4121	5135,8065	-7980,1551
423,06667	ELU_VIENTO	Max	1079,481	3874,934	79,627	673,4121	5135,8065	-7980,1551
423,06667	ELU_GR1_VIENTO	Max	1123,822	5525,11	73,542	4116,1661	4832,7601	-2724,9615
423,06667	ELU_GR1_VIENTO	Max	1123,822	5525,11	73,542	4116,1661	4832,7601	-2724,9615
423,06667	ELU_GR2	Max	1417,398	5004,533	22,61	3203,5498	1454,9456	2440,8445
423,06667	ELU_GR2	Max	1417,398	5004,533	22,61	3203,5498	1454,9456	2440,8445
423,06667	ELU_GR1_TERMICAS	Max	1169,978	5515,493	28,742	3956,3388	2073,3092	3931,5668
423,06667	ELU_GR1_TERMICAS	Max	1169,978	5515,493	28,742	3956,3388	2073,3092	3931,5668
423,06667	ELU_TERMICAS	Max	1239,887	4997,755	21,067	2842,2882	1521,1488	6864,0953
423,06667	ELU_TERMICAS	Max	1239,887	4997,755	21,067	2842,2882	1521,1488	6864,0953
429,4	ELU_GR1_TERMICAS	Min	499,762	4083,053	-24,306	-3378,929	-1149,227	-56389,014
429,4	ELU_GR1_TERMICAS	Min	499,762	4083,053	-24,306	-3378,929	-1149,227	-56389,014
429,4	ELU_TERMICAS	Min	238,98	4163,46	-16,88	-2463,598	-885,135	-55579,388
429,4	ELU_TERMICAS	Min	238,98	4163,46	-16,88	-2463,598	-885,135	-55579,388
429,4	ELU_GR2	Min	226,004	4156,696	-19,766	-2545,448	-1235,357	-53007,43
429,4	ELU_GR2	Min	226,004	4156,696	-19,766	-2545,448	-1235,357	-53007,43
429,4	ELU_GR1_VIENTO	Min	754,722	4073,212	-151,824	-3665,34	-3174,471	-52537,662
429,4	ELU_GR1_VIENTO	Min	754,722	4073,212	-151,824	-3665,34	-3174,471	-52537,662
429,4	ELU_VIENTO	Min	677,927	4323,581	-212,557	-949,789	-3472,315	-43152,812
429,4	ELU_VIENTO	Min	677,927	4323,581	-212,557	-949,789	-3472,315	-43152,812
429,4	ELU_VIENTO	Max	1281,621	6162,466	146,242	713,4894	4210,7534	-30164,368



PROYECTO DE CONSTRUCCIÓN DE LA VARIANTE CV-35 A SU PASO POR EL MUNICIPIO DE CHELVA (PROVINCIA DE CASTELLÓN)



ALTERNATIVA NORTE. CÁLCULO SUPERESTRUCTURAS

429,4	ELU_VIENTO	Max	1281,621	6162,466	146,242	713,4894	4210,7534	-30164,368
429,4	ELU_GR1_VIENTO	Max	1333,616	8129,186	113,511	4369,2309	4431,3468	-27693,237
429,4	ELU_GR1_VIENTO	Max	1333,616	8129,186	113,511	4369,2309	4431,3468	-27693,237
429,4	ELU_GR2	Max	1647,334	7489,036	25,275	3323,5852	1558,9157	-21818,804
429,4	ELU_GR2	Max	1647,334	7489,036	25,275	3323,5852	1558,9157	-21818,804
429,4	ELU_GR1_TERMICAS	Max	1355,817	8117,874	28,742	4185,3565	2209,0011	-21087,183
429,4	ELU_GR1_TERMICAS	Max	1355,817	8117,874	28,742	4185,3565	2209,0011	-21087,183
429,4	ELU_TERMICAS	Max	1417,091	7482,263	21,067	2961,3171	1605,241	-17421,023
429,4	ELU_TERMICAS	Max	1417,091	7482,263	21,067	2961,3171	1605,241	-17421,023
430,4	ELU_GR1_TERMICAS	Min	519,429	4360,072	-24,306	-3378,772	-1165,485	-64131,53
430,4	ELU_GR1_TERMICAS	Min	-435,793	-9002,99	-33,701	-4127,944	-1123,659	-63636,791
430,4	ELU_TERMICAS	Min	258,639	4440,352	-16,88	-2463,862	-896,0672	-62834,513
430,4	ELU_TERMICAS	Min	-625,855	-8442,63	-26,627	-2854,057	-869,1696	-62380,707
430,4	ELU_GR1_VIENTO	Min	770,62	4349,963	-158,111	-3666,194	-3079,523	-60290,205
430,4	ELU_GR2	Min	237,336	4433,588	-20,186	-2545,874	-1252,616	-60266,145
430,4	ELU_GR2	Min	-467,439	-8378,32	-45,086	-2926,798	-1224,76	-59978,955
430,4	ELU_GR1_VIENTO	Min	-122,587	-8878,07	-77,239	-4243,009	-3030,939	-59693,137
430,4	ELU_VIENTO	Min	691,299	4599,94	-223,037	-951,4733	-3287,198	-49524,838
430,4	ELU_VIENTO	Min	-4,648	-6873,35	-76,412	-573,1444	-3285,279	-48957,413
430,4	ELU_VIENTO	Max	1315,492	6551,181	156,76	719,8796	4026,0288	-34640,682
430,4	ELU_VIENTO	Max	297,249	-4864,37	32,88	164,1965	4008,9186	-34512,921
430,4	ELU_GR1_VIENTO	Max	1368,447	8564,33	119,822	4411,8175	4345,4275	-31933,024
430,4	ELU_GR1_VIENTO	Max	281,969	-4779,4	73,577	3103,4832	4171,7857	-31768,539
430,4	ELU_GR2	Max	1685,374	7905,718	25,695	3343,9786	1577,706	-26134,955
430,4	ELU_GR2	Max	510,188	-4569,91	52,614	2584,829	1478,8906	-25687,344
430,4	ELU_GR1_TERMICAS	Max	1386,865	8552,75	28,742	4224,109	2231,086	-25335,517
430,4	ELU_GR1_TERMICAS	Max	394,677	-4561,39	63,789	3153,9639	2069,3125	-25042,372
430,4	ELU_TERMICAS	Max	1446,804	7898,946	21,067	2981,5489	1619,0291	-21740,756
430,4	ELU_TERMICAS	Max	492,25	-4441,98	47,061	2274,6063	1520,9356	-21413,501
431,4	ELU_GR1_TERMICAS	Min	-405,865	-8567,55	-33,701	-4089,51	-1092,361	-56204,952
431,4	ELU_GR1_TERMICAS	Min	-405,865	-8567,55	-33,701	-4089,51	-1092,361	-56204,952
431,4	ELU_TERMICAS	Min	-596,98	-8025,51	-26,627	-2833,746	-844,0397	-55152,226
431,4	ELU_TERMICAS	Min	-596,98	-8025,51	-26,627	-2833,746	-844,0397	-55152,226
431,4	ELU_GR2	Min	-446,891	-7961,21	-44,666	-2906,649	-1181,335	-52818,139
431,4	ELU_GR2	Min	-446,891	-7961,21	-44,666	-2906,649	-1181,335	-52818,139
431,4	ELU_GR1_VIENTO	Min	-96,426	-8442,89	-70,928	-4205,586	-3038,192	-52387,852
431,4	ELU_GR1_VIENTO	Min	-96,426	-8442,89	-70,928	-4205,586	-3038,192	-52387,852
431,4	ELU_VIENTO	Min	16,639	-6485,52	-65,894	-574,8288	-3345,671	-42265,199
431,4	ELU_VIENTO	Min	16,639	-6485,52	-65,894	-574,8288	-3345,671	-42265,199
431,4	ELU_VIENTO	Max	323,206	-4587,12	22,4	170,5867	4046,8623	-29773,765
431,4	ELU_VIENTO	Max	323,206	-4587,12	22,4	170,5867	4046,8623	-29773,765

431,4	ELU_GR1_VIENTO	Max	305,42	-4502,12	67,289	3107,4713	4143,8625	-27099,688
431,4	ELU_GR1_VIENTO	Max	305,42	-4502,12	67,289	3107,4713	4143,8625	-27099,688
431,4	ELU_GR2	Max	538,174	-4293,02	52,193	2584,4005	1427,8776	-21236,082
431,4	ELU_GR2	Max	538,174	-4293,02	52,193	2584,4005	1427,8776	-21236,082
431,4	ELU_GR1_TERMICAS	Max	414,345	-4284,39	63,789	3154,1179	2008,6579	-20593,385
431,4	ELU_GR1_TERMICAS	Max	414,345	-4284,39	63,789	3154,1179	2008,6579	-20593,385
431,4	ELU_TERMICAS	Max	511,909	-4165,09	47,061	2274,0162	1475,2786	-17093,687
431,4	ELU_TERMICAS	Max	511,909	-4165,09	47,061	2274,0162	1475,2786	-17093,687
434,9	ELU_GR1_TERMICAS	Min	-303,771	-7082,3	-33,701	-3968,701	-982,8983	-33521,766
434,9	ELU_GR1_TERMICAS	Min	-303,771	-7082,3	-33,701	-3968,701	-982,8983	-33521,766
434,9	ELU_TERMICAS	Min	-498,688	-6605,18	-26,627	-2771,771	-756,1173	-32991,895
434,9	ELU_TERMICAS	Min	-498,688	-6605,18	-26,627	-2771,771	-756,1173	-32991,895
434,9	ELU_GR2	Min	-377,741	-6540,88	-43,193	-2845,223	-1048,424	-30895,022
434,9	ELU_GR2	Min	-377,741	-6540,88	-43,193	-2845,223	-1048,424	-30895,022
434,9	ELU_GR1_VIENTO	Min	-7,522	-6958,59	-48,84	-4088,395	-3014,015	-30145,277
434,9	ELU_GR1_VIENTO	Min	-7,522	-6958,59	-48,84	-4088,395	-3014,015	-30145,277
434,9	ELU_VIENTO	Min	87,891	-5173,92	-29,08	-580,7866	-3474,31	-21851,801
434,9	ELU_VIENTO	Min	87,891	-5173,92	-29,08	-580,7866	-3474,31	-21851,801
434,9	ELU_VIENTO	Max	411,649	-3650,64	11,158	192,8253	4096,6259	-15336,712
434,9	ELU_VIENTO	Max	411,649	-3650,64	11,158	192,8253	4096,6259	-15336,712
434,9	ELU_GR1_VIENTO	Max	385,876	-3514,35	60,544	3147,2556	3997,2796	-11238,874
434,9	ELU_GR1_VIENTO	Max	385,876	-3514,35	60,544	3147,2556	3997,2796	-11238,874
434,9	ELU_GR2	Max	634,272	-3320,36	50,721	2601,1746	1269,0862	-6608,3349
434,9	ELU_GR2	Max	634,272	-3320,36	50,721	2601,1746	1269,0862	-6608,3349
434,9	ELU_GR1_TERMICAS	Max	481,563	-3297,55	63,789	3180,5489	1797,3387	-5498,6982
434,9	ELU_GR1_TERMICAS	Max	481,563	-3297,55	63,789	3180,5489	1797,3387	-5498,6982
434,9	ELU_TERMICAS	Max	578,866	-3192,42	47,061	2290,2972	1316,1892	-2925,4916
434,9	ELU_TERMICAS	Max	578,866	-3192,42	47,061	2290,2972	1316,1892	-2925,4916
438,4	ELU_GR1_TERMICAS	Min	-206,551	-5669,3	-33,701	-3845,688	-873,4522	-15798,744
438,4	ELU_GR1_TERMICAS	Min	-206,551	-5669,3	-33,701	-3845,688	-873,4522	-15798,744
438,4	ELU_TERMICAS	Min	-405,512	-5258,9	-26,627	-2706,296	-668,2015	-15487,042
438,4	ELU_TERMICAS	Min	-405,512	-5258,9	-26,627	-2706,296	-668,2015	-15487,042
438,4	ELU_GR2	Min	-313,707	-5194,59	-41,721	-2780,318	-940,6621	-13627,232
438,4	ELU_GR2	Min	-313,707	-5194,59	-41,721	-2780,318	-940,6621	-13627,232
438,4	ELU_GR1_VIENTO	Min	76,507	-5546,52	-62,14	-3969,05	-2912,638	-12859,805
438,4	ELU_GR1_VIENTO	Min	76,507	-5546,52	-62,14	-3969,05	-2912,638	-12859,805
438,4	ELU_VIENTO	Min	153,037	-3948,31	-51,247	-586,8848	-3474,252	-5885,8042
438,4	ELU_VIENTO	Min	153,037	-3948,31	-51,247	-586,8848	-3474,252	-5885,8042
438,4	ELU_VIENTO	Max	495,57	-2777,86	11,158	215,3589	4017,218	-4070,7569
438,4	ELU_VIENTO	Max	495,57	-2777,86	11,158	215,3589	4017,218	-4070,7569
438,4	ELU_GR1_VIENTO	Max	465,204	-2513,11	60,544	3196,5194	3773,9028	2977,6751



PROYECTO DE CONSTRUCCIÓN DE LA VARIANTE CV-35 A SU PASO POR EL MUNICIPIO DE CHELVA (PROVINCIA DE CASTELLÓN)



ALTERNATIVA NORTE. CÁLCULO SUPERESTRUCTURAS

438,4	ELU_GR1_VIENTO	Max	465,204	-2513,11	60,544	3196,5194	3773,9028	2977,6751
438,4	ELU_GR2	Max	728,326	-2355,15	49,248	2623,1574	1135,9536	5899,3836
438,4	ELU_GR2	Max	728,326	-2355,15	49,248	2623,1574	1135,9536	5899,3836
438,4	ELU_GR1_TERMICAS	Max	547,652	-2297,25	63,789	3216,2906	1586,7284	7953,9
438,4	ELU_GR1_TERMICAS	Max	547,652	-2297,25	63,789	3216,2906	1586,7284	7953,9
438,4	ELU_TERMICAS	Max	643,778	-2227,22	47,061	2311,7205	1157,6154	9122,0916
438,4	ELU_TERMICAS	Max	643,778	-2227,22	47,061	2311,7205	1157,6154	9122,0916
444,06667	ELU_GR1_TERMICAS	Min	-56,449	-3500,05	-33,701	-3644,679	-696,2755	322,1029
444,06667	ELU_GR1_TERMICAS	Min	-56,449	-3500,05	-33,701	-3644,679	-696,2755	322,1029
444,06667	ELU_TERMICAS	Min	-262,559	-3200,86	-26,627	-2593,885	-525,8726	522,8603
444,06667	ELU_TERMICAS	Min	-262,559	-3200,86	-26,627	-2593,885	-525,8726	522,8603
444,06667	ELU_GR2	Min	-217,936	-3136,55	-39,337	-2668,835	-755,2481	2044,9925
444,06667	ELU_GR2	Min	-217,936	-3136,55	-39,337	-2668,835	-755,2481	2044,9925
444,06667	ELU_GR1_VIENTO	Min	205,255	-3378,8	-97,77	-3773,707	-2584,808	2631,6783
444,06667	ELU_GR1_VIENTO	Min	205,255	-3378,8	-97,77	-3773,707	-2584,808	2631,6783
444,06667	ELU_VIENTO	Min	247,998	-2112,07	-110,631	-596,383	-3201,298	7959,2386
444,06667	ELU_VIENTO	Min	247,998	-2112,07	-110,631	-596,383	-3201,298	7959,2386
444,06667	ELU_VIENTO	Max	623,654	-1474,48	67,627	251,6637	3614,7857	11228,451
444,06667	ELU_VIENTO	Max	623,654	-1474,48	67,627	251,6637	3614,7857	11228,451
444,06667	ELU_GR1_VIENTO	Max	592,023	-948,056	94,425	3300,662	3247,9403	21920,1513
444,06667	ELU_GR1_VIENTO	Max	592,023	-948,056	94,425	3300,662	3247,9403	21920,1513
444,06667	ELU_GR2	Max	877,246	-866,063	46,864	2672,2291	909,4584	22442,5696
444,06667	ELU_GR2	Max	877,246	-866,063	46,864	2672,2291	909,4584	22442,5696
444,06667	ELU_TERMICAS	Max	745,515	-738,126	47,061	2359,8231	900,8832	24965,4939
444,06667	ELU_TERMICAS	Max	745,515	-738,126	47,061	2359,8231	900,8832	24965,4939
444,06667	ELU_GR1_TERMICAS	Max	653,038	-733,711	63,789	3298,6578	1245,756	25737,4049
444,06667	ELU_GR1_TERMICAS	Max	653,038	-733,711	63,789	3298,6578	1245,756	25737,4049
449,73333	ELU_GR1_TERMICAS	Min	89,451	-1427,85	-33,701	-3444,41	-520,1073	7592,3965
449,73333	ELU_GR1_TERMICAS	Min	89,451	-1427,85	-33,701	-3444,41	-520,1073	7592,3965
449,73333	ELU_TERMICAS	Min	-124,789	-1242,97	-26,627	-2474,231	-383,9578	7673,2889
449,73333	ELU_TERMICAS	Min	-124,789	-1242,97	-26,627	-2474,231	-383,9578	7673,2889
449,73333	ELU_GR2	Min	-127,348	-1178,65	-37,787	-2550,089	-556,7058	8720,5339
449,73333	ELU_GR2	Min	-127,348	-1178,65	-37,787	-2550,089	-556,7058	8720,5339
449,73333	ELU_GR1_VIENTO	Min	329,8	-1308,13	-133,4	-3578,714	-2055,574	9239,4968
449,73333	ELU_GR1_VIENTO	Min	329,8	-1308,13	-133,4	-3578,714	-2055,574	9239,4968
449,73333	ELU_VIENTO	Min	333,411	-410,315	-170,015	-605,2541	-2590,989	12890,3627
449,73333	ELU_VIENTO	Min	333,411	-410,315	-170,015	-605,2541	-2590,989	12890,3627
449,73333	ELU_VIENTO	Max	744,665	-270,712	127,23	287,4015	2873,754	18324,5895
449,73333	ELU_VIENTO	Max	744,665	-270,712	127,23	287,4015	2873,754	18324,5895
449,73333	ELU_GR2	Max	1023,945	571,703	45,314	2740,5844	669,8204	29085,4626
449,73333	ELU_GR2	Max	1023,945	571,703	45,314	2740,5844	669,8204	29085,4626

449,73333	ELU_GR1_VIENTO	Max	718,713	590,125	130,187	3440,596	2519,8056	29973,1748
449,73333	ELU_GR1_VIENTO	Max	718,713	590,125	130,187	3440,596	2519,8056	29973,1748
449,73333	ELU_TERMICAS	Max	845,031	699,645	47,061	2427,2097	644,5508	30771,0962
449,73333	ELU_TERMICAS	Max	845,031	699,645	47,061	2427,2097	644,5508	30771,0962
449,73333	ELU_GR1_TERMICAS	Max	758,294	802,954	63,789	3417,16	905,7709	32597,959
449,73333	ELU_GR1_TERMICAS	Max	758,294	802,954	63,789	3417,16	905,7709	32597,959
455,4	ELU_TERMICAS	Min	0,362	302,151	-26,627	-2389,078	-242,2365	8169,0108
455,4	ELU_TERMICAS	Min	0,362	302,151	-26,627	-2389,078	-242,2365	8169,0108
455,4	ELU_GR1_TERMICAS	Min	223,798	230,447	-33,701	-3302,856	-343,5371	8207,2907
455,4	ELU_GR1_TERMICAS	Min	223,798	230,447	-33,701	-3302,856	-343,5371	8207,2907
455,4	ELU_GR2	Min	-49,38	366,473	-40,171	-2465,835	-344,8144	8704,1789
455,4	ELU_GR2	Min	-49,38	366,473	-40,171	-2465,835	-344,8144	8704,1789
455,4	ELU_GR1_VIENTO	Min	442,791	348,654	-169,031	-3442,483	-1323,525	9182,541
455,4	ELU_GR1_VIENTO	Min	442,791	348,654	-169,031	-3442,483	-1323,525	9182,541
455,4	ELU_VIENTO	Min	400,939	852,106	-229,398	-614,1593	-1643,849	11151,1949
455,4	ELU_VIENTO	Min	400,939	852,106	-229,398	-614,1593	-1643,849	11151,1949
455,4	ELU_VIENTO	Max	875,035	1252,295	186,833	323,0621	1794,6463	15980,2438
455,4	ELU_VIENTO	Max	875,035	1252,295	186,833	323,0621	1794,6463	15980,2438
455,4	ELU_GR2	Max	1186,286	2374,789	47,698	2862,5545	416,9926	23912,3376
455,4	ELU_GR2	Max	1186,286	2374,789	47,698	2862,5545	416,9926	23912,3376
455,4	ELU_TERMICAS	Max	960,19	2502,735	47,061	2548,2538	388,5711	24724,0211
455,4	ELU_TERMICAS	Max	960,19	2502,735	47,061	2548,2538	388,5711	24724,0211
455,4	ELU_GR1_VIENTO	Max	863,83	2518,967	165,949	3664,7604	1588,3306	25100,2053
455,4	ELU_GR1_VIENTO	Max	863,83	2518,967	165,949	3664,7604	1588,3306	25100,2053
455,4	ELU_GR1_TERMICAS	Max	881,977	2730,279	63,789	3619,9327	565,6052	26523,7449
455,4	ELU_GR1_TERMICAS	Max	881,977	2730,279	63,789	3619,9327	565,6052	26523,7449
458,875	ELU_TERMICAS	Min	66,225	1154,167	-26,627	-2343,35	-155,3007	5262,4239
458,875	ELU_TERMICAS	Min	66,225	1154,167	-26,627	-2343,35	-155,3007	5262,4239
458,875	ELU_GR1_TERMICAS	Min	295,799	1140,662	-33,701	-3231,58	-233,54	5373,4856
458,875	ELU_GR1_TERMICAS	Min	295,799	1140,662	-33,701	-3231,58	-233,54	5373,4856
458,875	ELU_GR2	Min	-12,451	1218,492	-41,632	-2420,662	-208,1492	5483,5837
458,875	ELU_GR2	Min	-12,451	1218,492	-41,632	-2420,662	-208,1492	5483,5837
458,875	ELU_GR1_VIENTO	Min	501,697	1257,936	-190,88	-3374,614	-772,7664	5932,1642
458,875	ELU_GR1_VIENTO	Min	501,697	1257,936	-190,88	-3374,614	-772,7664	5932,1642
458,875	ELU_VIENTO	Min	428,626	1547,921	-265,815	-619,8385	-896,6827	6866,4662
458,875	ELU_VIENTO	Min	428,626	1547,921	-265,815	-619,8385	-896,6827	6866,4662
458,875	ELU_VIENTO	Max	967,382	2245,959	223,383	345,0937	965,937	9982,2585
458,875	ELU_VIENTO	Max	967,382	2245,959	223,383	345,0937	965,937	9982,2585
458,875	ELU_GR2	Max	1301,747	3558,146	49,16	2947,3887	255,8819	14655,0567
458,875	ELU_GR2	Max	1301,747	3558,146	49,16	2947,3887	255,8819	14655,0567
458,875	ELU_TERMICAS	Max	1046,717	3686,095	47,061	2632,5334	232,7723	14931,084



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ALTERNATIVA NORTE. CÁLCULO SUPERESTRUCTURAS

458,875	ELU_TERMICAS	Max	1046,717	3686,095	47,061	2632,5334	232,7723	14931,084
458,875	ELU_GR1_VIENTO	Max	970,345	3790,928	187,879	3822,6933	914,693	15385,8929
458,875	ELU_GR1_VIENTO	Max	970,345	3790,928	187,879	3822,6933	914,693	15385,8929
458,875	ELU_GR1_TERMICAS	Max	975,348	4001,311	63,789	3764,6467	355,8905	16068,5179
458,875	ELU_GR1_TERMICAS	Max	975,348	4001,311	63,789	3764,6467	355,8905	16068,5179
462,35	ELU_GR2	Min	18,224	1917,787	-43,094	-2397,579	-167,7459	-309,6137
462,35	ELU_TERMICAS	Min	125,834	1853,46	-26,627	-2319,713	-163,0948	-235,374
462,35	ELU_GR1_TERMICAS	Min	359,045	1842,84	-33,701	-3195,058	-225,0045	-64,305
462,35	ELU_GR1_VIENTO	Min	-58,637	-823,229	-0,316	-1618,068	-114,8693	-11,8856
462,35	ELU_GR1_TERMICAS	Min	-58,448	-823,216	-9,4E-09	-1617,878	-114,8693	-11,8138
462,35	ELU_GR2	Min	-44,482	-620,64	-0,021	-1212,735	-86,1042	-9,0861
462,35	ELU_TERMICAS	Min	-44,065	-620,64	-1,1E-08	-1212,727	-86,1036	-8,9281
462,35	ELU_VIENTO	Min	-1,329	-14,297	-0,526	-0,317	-5,06E-10	-0,4003
462,35	ELU_VIENTO	Max	-0,398	-10,012	0,524	0,0817	1,6619	-0,0845
462,35	ELU_TERMICAS	Max	-0,712	-10,034	4,44E-09	782,9522	55,5896	21,6776
462,35	ELU_GR2	Max	-0,296	-10,034	0,021	782,9601	55,5901	21,8355
462,35	ELU_GR1_TERMICAS	Max	-0,712	-10,034	3,59E-10	1044,2104	74,1389	28,9802
462,35	ELU_GR1_VIENTO	Max	-0,524	-10,021	0,314	1044,2594	75,1361	29,0522
462,35	ELU_VIENTO	Min	456,313	2243,735	-302,231	-625,5177	-22,821	101,9153
462,35	ELU_GR1_VIENTO	Min	551,848	1959,181	-212,73	-3341,5	-223,1873	102,4622
462,35	ELU_GR1_TERMICAS	Max	1072,901	5288,676	63,789	3936,4454	277,3007	509,3041
462,35	ELU_GR1_VIENTO	Max	1081,041	5079,223	209,809	4007,7109	273,2556	516,3749
462,35	ELU_VIENTO	Max	1059,729	3239,623	259,934	367,1253	10,064	578,3796
462,35	ELU_TERMICAS	Max	1136,07	4878,414	47,061	2733,1465	192,4571	581,1511
462,35	ELU_GR2	Max	1420,033	4750,463	50,622	3048,5563	212,8791	804,4576
462,4	ELU_VIENTO	Min	1,45E-09	-1,2E-09	-1,6E-08	4,001E-10	-5,76E-10	-5,976E-08
462,4	ELU_GR1_VIENTO	Min	1,45E-09	-3E-10	-7,9E-09	2,941E-09	-5,06E-10	-5,13E-08
462,4	ELU_GR2	Min	-1E-08	-8,1E-10	-5,5E-09	-4,27E-09	-2,03E-09	-5,019E-08
462,4	ELU_TERMICAS	Min	-8,7E-09	-1,5E-09	-7,7E-09	-1,05E-08	-1,31E-09	-4,726E-08
462,4	ELU_GR1_TERMICAS	Min	-4,6E-09	-4,6E-10	-2,9E-09	-3,59E-09	-9,46E-10	-4,38E-08
462,4	ELU_GR1_VIENTO	Max	2,69E-08	1,26E-09	1,57E-08	1,042E-08	1,932E-10	-3,367E-08
462,4	ELU_GR2	Min	-3,2E-08	-4E-09	-2,4E-08	-2,16E-08	-3,65E-10	-3,31E-08
462,4	ELU_VIENTO	Max	4,3E-08	1,26E-09	2,3E-08	1,264E-08	5,29E-10	-3,063E-08
462,4	ELU_GR1_TERMICAS	Max	9,67E-09	2,03E-09	8,94E-09	1,333E-08	1,897E-10	-2,835E-08
462,4	ELU_GR2	Max	1,51E-08	2,36E-09	1,16E-08	1,417E-08	6,448E-10	-2,197E-08
462,4	ELU_TERMICAS	Max	1,43E-08	2,54E-09	1,18E-08	1,749E-08	5,232E-10	-2,176E-08
462,4	ELU_TERMICAS	Min	-9,4E-09	-4,1E-10	-1,1E-08	-7,45E-09	1,638E-10	-1,423E-08
462,4	ELU_GR1_TERMICAS	Min	-7,2E-09	-2,2E-10	-9,4E-09	-5,46E-09	3,005E-10	-9,188E-09
462,4	ELU_VIENTO	Min	-4,1E-09	-5,6E-10	-1,4E-08	-3,69E-09	4,26E-10	-4,015E-09
462,4	ELU_GR1_VIENTO	Min	-4,1E-09	-3,2E-10	-1,1E-08	-3,2E-09	4,579E-10	-3,06E-09
462,4	ELU_GR1_VIENTO	Max	3,85E-10	1,01E-09	-8,4E-11	-1,56E-09	2,284E-09	2,124E-09

462,4	ELU_VIENTO	Max	1,42E-09	1,53E-09	3,7E-09	-1,36E-09	3,158E-09	3,803E-09
462,4	ELU_GR1_TERMICAS	Max	1,28E-09	4,68E-10	3,59E-10	4,509E-09	1,589E-09	4,123E-09
462,4	ELU_TERMICAS	Max	2,9E-09	6,34E-10	4,44E-09	8,758E-09	1,999E-09	7,133E-09
462,4	ELU_GR2	Max	2,78E-08	3,99E-09	1,57E-08	2,092E-08	2,887E-09	2,797E-08



PROYECTO DE CONSTRUCCIÓN DE LA VARIANTE CV-35 A SU PASO POR EL MUNICIPIO DE CHELVA (PROVINCIA DE CASTELLÓN)



ALTERNATIVA NORTE. CÁLCULO SUPERESTRUCTURAS

Tramo 4 (Canto Constante)

Distance	OutputCase	StepType	F1	F2	F3	M1	M2	M3
462,4	ELU_VIENTO	Min	1,45E-09	-1,2E-09	-1,6E-08	4,001E-10	-5,76E-10	-5,976E-08
462,4	ELU_GR1_VIENTO	Min	1,45E-09	-3E-10	-7,9E-09	2,941E-09	-5,06E-10	-5,13E-08
462,4	ELU_GR2	Min	-1E-08	-8,1E-10	-5,5E-09	-4,27E-09	-2,03E-09	-5,019E-08
462,4	ELU_TERMICAS	Min	-8,7E-09	-1,5E-09	-7,7E-09	-1,05E-08	-1,31E-09	-4,726E-08
462,4	ELU_GR1_TERMICAS	Min	-4,6E-09	-4,6E-10	-2,9E-09	-3,59E-09	-9,46E-10	-4,38E-08
462,4	ELU_GR1_VIENTO	Max	2,69E-08	1,26E-09	1,57E-08	1,042E-08	1,932E-10	-3,367E-08
462,4	ELU_GR2	Min	-3,2E-08	-4E-09	-2,4E-08	-2,16E-08	-3,65E-10	-3,31E-08
462,4	ELU_VIENTO	Max	4,3E-08	1,26E-09	2,3E-08	1,264E-08	5,29E-10	-3,063E-08
462,4	ELU_GR1_TERMICAS	Max	9,67E-09	2,03E-09	8,94E-09	1,333E-08	1,897E-10	-2,835E-08
462,4	ELU_GR2	Max	1,51E-08	2,36E-09	1,16E-08	1,417E-08	6,448E-10	-2,197E-08
462,4	ELU_TERMICAS	Max	1,43E-08	2,54E-09	1,18E-08	1,749E-08	5,232E-10	-2,176E-08
462,4	ELU_TERMICAS	Min	-9,4E-09	-4,1E-10	-1,1E-08	-7,45E-09	1,638E-10	-1,423E-08
462,4	ELU_GR1_TERMICAS	Min	-7,2E-09	-2,2E-10	-9,4E-09	-5,46E-09	3,005E-10	-9,188E-09
462,4	ELU_VIENTO	Min	-4,1E-09	-5,6E-10	-1,4E-08	-3,69E-09	4,26E-10	-4,015E-09
462,4	ELU_GR1_VIENTO	Min	-4,1E-09	-3,2E-10	-1,1E-08	-3,2E-09	4,579E-10	-3,06E-09
462,4	ELU_GR1_VIENTO	Max	3,85E-10	1,01E-09	-8,4E-11	-1,56E-09	2,284E-09	2,124E-09
462,4	ELU_VIENTO	Max	1,42E-09	1,53E-09	3,7E-09	-1,36E-09	3,158E-09	3,803E-09
462,4	ELU_GR1_TERMICAS	Max	1,28E-09	4,68E-10	3,59E-10	4,509E-09	1,589E-09	4,123E-09
462,4	ELU_TERMICAS	Max	2,9E-09	6,34E-10	4,44E-09	8,758E-09	1,999E-09	7,133E-09
462,4	ELU_GR2	Max	2,78E-08	3,99E-09	1,57E-08	2,092E-08	2,887E-09	2,797E-08
462,45	ELU_GR1_VIENTO	Min	0,524	10,021	-0,314	-1044,276	-75,1409	-69,9609
462,45	ELU_GR1_TERMICAS	Min	0,712	10,034	-2,9E-09	-1044,227	-74,1401	-69,8895
462,45	ELU_GR2	Min	0,394	10,034	-5,5E-09	-782,9588	-55,5901	-52,6265
462,45	ELU_TERMICAS	Min	0,712	10,034	-7,7E-09	-782,9588	-55,5901	-52,5056
462,45	ELU_VIENTO	Min	0,398	10,012	-0,524	-0,0817	-1,668	-0,5564
462,45	ELU_TERMICAS	Max	44,066	620,651	1,18E-08	1212,7492	86,1052	-0,2959
462,45	ELU_GR1_TERMICAS	Max	58,45	823,243	8,94E-09	1617,9324	114,8732	-0,2959
462,45	ELU_GR1_VIENTO	Max	58,639	823,257	0,316	1618,1226	114,8732	-0,2248
462,45	ELU_VIENTO	Max	1,329	14,297	0,526	0,317	-2,56E-09	-0,1773
462,45	ELU_GR2	Max	44,385	620,651	1,16E-08	1212,7492	86,1052	-0,175
462,45	ELU_TERMICAS	Min	-362,52	-4268,24	-30,806	-2621,675	-186,9106	9,5749
462,45	ELU_GR1_TERMICAS	Min	-157,934	-4666,5	-42,724	-3779,842	-268,8726	178,5527
462,45	ELU_GR2	Min	-122,669	-4145,77	-34,73	-2664,535	-189,8313	186,5845
462,45	ELU_GR1_VIENTO	Min	184,199	-4476,22	-140,294	-4318,272	-310,9049	429,9267
462,45	ELU_VIENTO	Min	302,936	-2685,67	-170,716	-1158,522	-89,4774	461,8008
462,45	ELU_VIENTO	Max	457,339	-1874,71	120,686	747,7205	57,529	554,0807
462,45	ELU_GR1_VIENTO	Max	463,149	-1654,9	114,039	3329,0703	238,632	603,941
462,45	ELU_GR2	Max	600,471	-1611,91	36,806	2272,886	161,6373	698,3946
462,45	ELU_GR1_TERMICAS	Max	586,191	-1547,38	44,797	2971,6838	210,5898	699,9781
462,45	ELU_TERMICAS	Max	676,875	-1545,28	31,864	2115,5913	150,1491	758,2355
468,8375	ELU_TERMICAS	Min	-208,534	-2035,75	-30,806	-2453,579	-233,701	6068,1189

468,8375	ELU_TERMICAS	Min	-208,534	-2035,75	-30,806	-2453,579	-233,701	6068,1189
468,8375	ELU_GR1_TERMICAS	Min	7,807	-2250,22	-42,724	-3492,899	-326,8989	6163,4074
468,8375	ELU_GR1_TERMICAS	Min	7,807	-2250,22	-42,724	-3492,899	-326,8989	6163,4074
468,8375	ELU_GR2	Min	5,142	-1913,28	-34,73	-2496,438	-253,8643	6604,1098
468,8375	ELU_GR2	Min	5,142	-1913,28	-34,73	-2496,438	-253,8643	6604,1098
468,8375	ELU_GR1_VIENTO	Min	374,1	-2061,66	-99,983	-4037,593	-827,5031	6974,6912
468,8375	ELU_GR1_VIENTO	Min	374,1	-2061,66	-99,983	-4037,593	-827,5031	6974,6912
468,8375	ELU_VIENTO	Min	472,681	-864,896	-103,531	-1168,962	-857,3794	8386,821
468,8375	ELU_VIENTO	Min	472,681	-864,896	-103,531	-1168,962	-857,3794	8386,821
468,8375	ELU_VIENTO	Max	508,231	-590,003	53,749	788,2174	722,9784	11872,8112
468,8375	ELU_VIENTO	Max	508,231	-590,003	53,749	788,2174	722,9784	11872,8112
468,8375	ELU_GR2	Max	723,869	-119,452	36,806	2336,6841	216,8395	18658,5618
468,8375	ELU_GR2	Max	723,869	-119,452	36,806	2336,6841	216,8395	18658,5618
468,8375	ELU_TERMICAS	Max	774,097	-52,83	31,864	2179,3894	194,6297	19414,5568
468,8375	ELU_TERMICAS	Max	774,097	-52,83	31,864	2179,3894	194,6297	19414,5568
468,8375	ELU_GR1_VIENTO	Max	538,773	-81,898	73,876	3453,9518	681,1845	19843,0932
468,8375	ELU_GR1_VIENTO	Max	538,773	-81,898	73,876	3453,9518	681,1845	19843,0932
468,8375	ELU_GR1_TERMICAS	Max	685,887	23,915	44,797	3072,2671	266,8646	20998,3003
468,8375	ELU_GR1_TERMICAS	Max	685,887	23,915	44,797	3072,2671	266,8646	20998,3003
475,225	ELU_TERMICAS	Min	-64,052	-125,21	-30,806	-2316,939	-327,9252	3869,6343
475,225	ELU_TERMICAS	Min	-64,052	-125,21	-30,806	-2316,939	-327,9252	3869,6343
475,225	ELU_GR1_TERMICAS	Min	163,608	-187,037	-42,724	-3265,4	-458,7635	3888,9545
475,225	ELU_GR1_TERMICAS	Min	163,608	-187,037	-42,724	-3265,4	-458,7635	3888,9545
475,225	ELU_GR2	Min	108,907	-2,739	-34,73	-2359,798	-379,7401	4761,4983
475,225	ELU_GR2	Min	108,907	-2,739	-34,73	-2359,798	-379,7401	4761,4983
475,225	ELU_GR1_VIENTO	Min	510,882	-0,19	-59,672	-3816,357	-1143,364	5274,5152
475,225	ELU_GR1_VIENTO	Min	510,882	-0,19	-59,672	-3816,357	-1143,364	5274,5152
475,225	ELU_VIENTO	Min	559,124	677,63	-36,347	-1179,401	-1197,87	8107,2032
475,225	ELU_VIENTO	Min	559,124	677,63	-36,347	-1179,401	-1197,87	8107,2032
475,225	ELU_VIENTO	Max	642,427	972,95	-3,908	828,7143	959,4349	11509,9941
475,225	ELU_VIENTO	Max	642,427	972,95	-3,908	828,7143	959,4349	11509,9941
475,225	ELU_GR2	Max	892,217	1808,61	36,806	2436,8599	366,1605	20380,3003
475,225	ELU_GR2	Max	892,217	1808,61	36,806	2436,8599	366,1605	20380,3003
475,225	ELU_GR1_VIENTO	Max	695,388	1995,763	39,282	3644,744	965,0693	20890,5917
475,225	ELU_GR1_VIENTO	Max	695,388	1995,763	39,282	3644,744	965,0693	20890,5917
475,225	ELU_TERMICAS	Max	901,728	1875,232	31,864	2279,5651	318,8203	21849,8005
475,225	ELU_TERMICAS	Max	901,728	1875,232	31,864	2279,5651	318,8203	21849,8005
475,225	ELU_GR1_TERMICAS	Max	823,394	2099,866	44,797	3238,7612	439,9966	23149,9847
475,225	ELU_GR1_TERMICAS	Max	823,394	2099,866	44,797	3238,7612	439,9966	23149,9847
481,6125	ELU_GR1_TERMICAS	Min	288,181	1505,678	-42,724	-3117,196	-735,9114	-6784,0039
481,6125	ELU_GR1_TERMICAS	Min	288,181	1505,678	-42,724	-3117,196	-735,9114	-6784,0039
481,6125	ELU_TERMICAS	Min	51,061	1452,656	-30,806	-2226,663	-528,081	-6765,2547



PROYECTO DE CONSTRUCCIÓN DE LA VARIANTE CV-35 A SU PASO POR EL MUNICIPIO DE CHELVA (PROVINCIA DE CASTELLÓN)



ALTERNATIVA NORTE. CÁLCULO SUPERESTRUCTURAS

481,6125	ELU_TERMICAS	Min	51,061	1452,656	-30,806	-2226,663	-528,081	-6765,2547
481,6125	ELU_GR2	Min	183,302	1575,127	-34,73	-2269,522	-611,5473	-5479,4441
481,6125	ELU_GR2	Min	183,302	1575,127	-34,73	-2269,522	-611,5473	-5479,4441
481,6125	ELU_GR1_VIENTO	Min	611,384	1690,81	-86,309	-3674,417	-1347,323	-4805,6353
481,6125	ELU_GR1_VIENTO	Min	611,384	1690,81	-86,309	-3674,417	-1347,323	-4805,6353
481,6125	ELU_VIENTO	Min	610,017	1956,627	-80,742	-1189,84	-1109,721	-577,8172
481,6125	ELU_VIENTO	Min	610,017	1956,627	-80,742	-1189,84	-1109,721	-577,8172
481,6125	ELU_VIENTO	Max	812,172	2799,433	31,453	869,2112	765,6695	-333,6062
481,6125	ELU_VIENTO	Max	812,172	2799,433	31,453	869,2112	765,6695	-333,6062
481,6125	ELU_GR1_VIENTO	Max	885,873	4300,146	60,499	3913,9975	1093,4786	5484,0956
481,6125	ELU_GR1_VIENTO	Max	885,873	4300,146	60,499	3913,9975	1093,4786	5484,0956
481,6125	ELU_GR2	Max	1088,125	3961,52	36,806	2582,7838	589,4403	7173,0223
481,6125	ELU_GR2	Max	1088,125	3961,52	36,806	2582,7838	589,4403	7173,0223
481,6125	ELU_GR1_TERMICAS	Max	989,719	4402,54	44,797	3483,7165	715,7864	8866,1654
481,6125	ELU_GR1_TERMICAS	Max	989,719	4402,54	44,797	3483,7165	715,7864	8866,1654
481,6125	ELU_TERMICAS	Max	1056,919	4028,143	31,864	2425,489	516,9698	9394,1013
481,6125	ELU_TERMICAS	Max	1056,919	4028,143	31,864	2425,489	516,9698	9394,1013
488	ELU_GR1_TERMICAS	Min	397,024	3000,784	-42,724	-3030,395	-1101,118	-33333,043
488	ELU_TERMICAS	Min	155,106	2891,022	-30,806	-2169,305	-789,699	-32888,384
488	ELU_GR1_TERMICAS	Min	-151,817	-6488,88	-106,146	-3966,321	-1081,488	-32622,606
488	ELU_TERMICAS	Min	-503,581	-5900,02	-98,774	-2756,408	-765,303	-32182,579
488	ELU_GR2	Min	246,631	3013,493	-34,73	-2212,164	-904,8169	-31159,496
488	ELU_GR1_VIENTO	Min	696,156	3184,201	-126,472	-3593,88	-1382,158	-30695,324
488	ELU_GR2	Min	-141,704	-5892,34	-103,439	-2753,718	-883,5	-30473,02
488	ELU_GR1_VIENTO	Min	389,969	-6467,01	-250,935	-3910,589	-1333,349	-29964,966
488	ELU_VIENTO	Min	660,909	3235,623	-147,679	-1200,279	-592,9309	-24347,176
488	ELU_VIENTO	Min	500,948	-4532,24	-313,779	-213,0273	-537,5315	-23642,857
488	ELU_VIENTO	Max	981,917	4625,916	98,638	909,7081	141,682	-16979,054
488	ELU_VIENTO	Max	797,632	-3183,62	149,324	-120,7901	103,7561	-16523,48
488	ELU_GR1_VIENTO	Max	1072,412	6524,704	100,81	4235,8879	1088,9918	-15563,716
488	ELU_GR1_VIENTO	Max	781,101	-2969,39	102,903	2656,878	942,4612	-15084,233
488	ELU_GR2	Max	1280,343	6045,859	36,806	2755,0711	902,0639	-11385,053
488	ELU_GR2	Max	1023,114	-2996,82	64,355	2233,4778	823,174	-11011,837
488	ELU_GR1_TERMICAS	Max	1152,097	6625,389	44,797	3781,3088	1116,8132	-10992,468
488	ELU_GR1_TERMICAS	Max	973,949	-2935,45	22,286	2876,2009	990,0028	-10625,701
488	ELU_TERMICAS	Max	1208,42	6112,481	31,864	2597,7764	804,4629	-8363,2637
488	ELU_TERMICAS	Max	1131,707	-2981,08	35,972	2132,3666	722,3408	-8100,6402
494,4	ELU_TERMICAS	Min	-358,971	-3825,67	-98,774	-2594,382	-952,0033	-6942,4017
494,4	ELU_TERMICAS	Min	-358,971	-3825,67	-98,774	-2594,382	-952,0033	-6942,4017
494,4	ELU_GR1_TERMICAS	Min	1,569	-4280,16	-106,146	-3677,744	-1160,404	-6274,7918
494,4	ELU_GR1_TERMICAS	Min	1,569	-4280,16	-106,146	-3677,744	-1160,404	-6274,7918

494,4	ELU_GR2	Min	43,014	-3817,98	-103,439	-2591,691	-1252,308	-5297,6154
494,4	ELU_GR2	Min	43,014	-3817,98	-103,439	-2591,691	-1252,308	-5297,6154
494,4	ELU_GR1_VIENTO	Min	567,563	-4260,01	-210,545	-3628,289	-1927,04	-3761,1377
494,4	ELU_GR1_VIENTO	Min	567,563	-4260,01	-210,545	-3628,289	-1927,04	-3761,1377
494,4	ELU_VIENTO	Min	671,025	-2707,9	-246,463	-223,4869	-1491,49	-441,5948
494,4	ELU_VIENTO	Min	671,025	-2707,9	-246,463	-223,4869	-1491,49	-441,5948
494,4	ELU_VIENTO	Max	848,624	-1896,41	82,256	-84,3642	1667,9043	-216,9055
494,4	ELU_VIENTO	Max	848,624	-1896,41	82,256	-84,3642	1667,9043	-216,9055
494,4	ELU_GR1_VIENTO	Max	849,77	-1611,4	62,662	2747,0393	2224,3828	5032,0692
494,4	ELU_GR1_VIENTO	Max	849,77	-1611,4	62,662	2747,0393	2224,3828	5032,0692
494,4	ELU_GR2	Max	1075,258	-1661,76	64,355	2280,3075	1442,6364	7815,4409
494,4	ELU_GR2	Max	1075,258	-1661,76	64,355	2280,3075	1442,6364	7815,4409
494,4	ELU_GR1_TERMICAS	Max	1066,736	-1579,17	22,286	2944,5067	1612,3967	9269,1912
494,4	ELU_GR1_TERMICAS	Max	1066,736	-1579,17	22,286	2944,5067	1612,3967	9269,1912
494,4	ELU_TERMICAS	Max	1223,961	-1646,02	35,972	2179,1963	1311,8738	10610,1414
494,4	ELU_TERMICAS	Max	1223,961	-1646,02	35,972	2179,1963	1311,8738	10610,1414
500,8	ELU_TERMICAS	Min	-208,874	-1698,25	-98,774	-2456,128	-1160,498	2162,6058
500,8	ELU_TERMICAS	Min	-208,874	-1698,25	-98,774	-2456,128	-1160,498	2162,6058
500,8	ELU_GR1_TERMICAS	Min	161,645	-2011,45	-106,146	-3436,591	-1270,65	2932,8205
500,8	ELU_GR1_TERMICAS	Min	161,645	-2011,45	-106,146	-3436,591	-1270,65	2932,8205
500,8	ELU_GR2	Min	152,315	-1690,57	-103,439	-2453,437	-1642,91	3742,6199
500,8	ELU_GR2	Min	152,315	-1690,57	-103,439	-2453,437	-1642,91	3742,6199
500,8	ELU_GR1_VIENTO	Min	751,846	-1993,02	-170,156	-3393,411	-2293,869	5313,5164
500,8	ELU_GR1_VIENTO	Min	751,846	-1993,02	-170,156	-3393,411	-2293,869	5313,5164
500,8	ELU_VIENTO	Min	841,103	-883,56	-179,147	-233,9465	-2015,129	7761,3254
500,8	ELU_VIENTO	Min	841,103	-883,56	-179,147	-233,9465	-2015,129	7761,3254
500,8	ELU_VIENTO	Max	899,617	-609,187	15,187	-43,788	2821,467	11123,9168
500,8	ELU_VIENTO	Max	899,617	-609,187	15,187	-43,788	2821,467	11123,9168
500,8	ELU_GR1_VIENTO	Max	939,409	48,934	22,421	2893,3929	3304,3621	20426,4459
500,8	ELU_GR1_VIENTO	Max	939,409	48,934	22,421	2893,3929	3304,3621	20426,4459
500,8	ELU_GR2	Max	1223,565	-108,009	64,355	2355,5955	2093,7206	21669,3631
500,8	ELU_GR2	Max	1223,565	-108,009	64,355	2355,5955	2093,7206	21669,3631
500,8	ELU_TERMICAS	Max	1331,471	-92,264	35,972	2254,4843	1933,0286	24347,5672
500,8	ELU_TERMICAS	Max	1331,471	-92,264	35,972	2254,4843	1933,0286	24347,5672
500,8	ELU_GR1_TERMICAS	Max	1180,494	79,448	22,286	3066,5146	2279,1997	24453,1455
500,8	ELU_GR1_TERMICAS	Max	1180,494	79,448	22,286	3066,5146	2279,1997	24453,1455
507,2	ELU_TERMICAS	Min	-68,464	156,436	-98,774	-2342,763	-1370,82	1938,1458
507,2	ELU_TERMICAS	Min	-68,464	156,436	-98,774	-2342,763	-1370,82	1938,1458
507,2	ELU_GR1_TERMICAS	Min	311,785	-25,6	-106,146	-3244,413	-1384,333	2496,4709
507,2	ELU_GR1_TERMICAS	Min	311,785	-25,6	-106,146	-3244,413	-1384,333	2496,4709
507,2	ELU_GR2	Min	251,928	164,119	-103,439	-2340,072	-2035,34	3444,5514



PROYECTO DE CONSTRUCCIÓN DE LA VARIANTE CV-35 A SU PASO POR EL MUNICIPIO DE CHELVA (PROVINCIA DE CASTELLÓN)



ALTERNATIVA NORTE. CÁLCULO SUPERESTRUCTURAS

507,2	ELU_GR2	Min	251,928	164,119	-103,439	-2340,072	-2035,34	3444,5514
507,2	ELU_GR1_VIENTO	Min	896,809	-8,887	-129,766	-3207,509	-2405,944	4770,4207
507,2	ELU_GR1_VIENTO	Min	896,809	-8,887	-129,766	-3207,509	-2405,944	4770,4207
507,2	ELU_VIENTO	Min	950,609	659,95	-111,831	-244,4061	-2108,448	7617,1382
507,2	ELU_VIENTO	Min	950,609	659,95	-111,831	-244,4061	-2108,448	7617,1382
507,2	ELU_VIENTO	Max	1011,18	958,859	-48,741	-3,2118	3543,1223	10847,7523
507,2	ELU_VIENTO	Max	1011,18	958,859	-48,741	-3,2118	3543,1223	10847,7523
507,2	ELU_GR1_VIENTO	Max	1078,139	2053,906	-15,936	3092,9262	4128,7125	20261,3281
507,2	ELU_GR1_VIENTO	Max	1078,139	2053,906	-15,936	3092,9262	4128,7125	20261,3281
507,2	ELU_GR2	Max	1388,888	1764,811	64,355	2458,9423	2746,6797	21258,5615
507,2	ELU_GR2	Max	1388,888	1764,811	64,355	2458,9423	2746,6797	21258,5615
507,2	ELU_TERMICAS	Max	1455,996	1780,556	35,972	2357,8311	2556,0583	23811,4329
507,2	ELU_TERMICAS	Max	1455,996	1780,556	35,972	2357,8311	2556,0583	23811,4329
507,2	ELU_GR1_TERMICAS	Max	1313,957	2082,707	22,286	3241,7022	2949,5183	24103,7769
507,2	ELU_GR1_TERMICAS	Max	1313,957	2082,707	22,286	3241,7022	2949,5183	24103,7769
513,6	ELU_TERMICAS	Min	43,507	1714,112	-98,774	-2259,395	-1594,32	-7463,4216
513,6	ELU_TERMICAS	Min	43,507	1714,112	-98,774	-2259,395	-1594,32	-7463,4216
513,6	ELU_GR1_TERMICAS	Min	432,045	1638,69	-106,146	-3108,093	-1516,486	-7321,6701
513,6	ELU_GR1_TERMICAS	Min	432,045	1638,69	-106,146	-3108,093	-1516,486	-7321,6701
513,6	ELU_GR2	Min	323,102	1721,795	-103,439	-2256,705	-2440,947	-6068,0417
513,6	ELU_GR2	Min	323,102	1721,795	-103,439	-2256,705	-2440,947	-6068,0417
513,6	ELU_GR1_VIENTO	Min	992,95	1653,684	-134,619	-3077,464	-2278,298	-5199,599
513,6	ELU_GR1_VIENTO	Min	992,95	1653,684	-134,619	-3077,464	-2278,298	-5199,599
513,6	ELU_VIENTO	Min	1001,601	1941,45	-119,919	-254,8657	-1771,448	-1170,2639
513,6	ELU_VIENTO	Min	1001,601	1941,45	-119,919	-254,8657	-1771,448	-1170,2639
513,6	ELU_VIENTO	Max	1181,258	2788,917	-43,546	37,3643	3832,87	-749,2916
513,6	ELU_VIENTO	Max	1181,258	2788,917	-43,546	37,3643	3832,87	-749,2916
513,6	ELU_GR1_VIENTO	Max	1264,708	4327,41	-12,819	3357,2033	4719,0777	4782,1189
513,6	ELU_GR1_VIENTO	Max	1264,708	4327,41	-12,819	3357,2033	4719,0777	4782,1189
513,6	ELU_GR2	Max	1581,912	3894,858	64,355	2598,9863	3417,8202	6786,1914
513,6	ELU_GR2	Max	1581,912	3894,858	64,355	2598,9863	3417,8202	6786,1914
513,6	ELU_GR1_TERMICAS	Max	1476,318	4354,498	22,286	3481,6336	3644,9961	8395,1434
513,6	ELU_GR1_TERMICAS	Max	1476,318	4354,498	22,286	3481,6336	3644,9961	8395,1434
513,6	ELU_TERMICAS	Max	1608,223	3910,602	35,972	2497,875	3197,2694	9176,3129
513,6	ELU_TERMICAS	Max	1608,223	3910,602	35,972	2497,875	3197,2694	9176,3129
520	ELU_GR1_TERMICAS	Min	534,996	3029,773	-106,146	-3019,285	-1765,462	-33276,327
520	ELU_GR1_TERMICAS	Min	-97,86	-6515,09	-203,191	-3773,367	-1666,971	-32766,454
520	ELU_TERMICAS	Min	143,121	3075,123	-98,774	-2199,74	-1904,736	-32293,795
520	ELU_TERMICAS	Min	-517,056	-5913,09	-210,527	-2664,656	-1822,894	-31821,348
520	ELU_GR1_VIENTO	Min	1071,782	3043,049	-174,86	-2994,933	-2009,282	-31318,504
520	ELU_GR2	Min	381,919	3082,806	-103,439	-2197,049	-2933,47	-31009,725

520	ELU_GR1_VIENTO	Min	560,81	-6510,85	-319,209	-3663,85	-1926,077	-30731,71
520	ELU_GR2	Min	-47,194	-5914,11	-213,416	-2621,211	-2859,904	-30518,954
520	ELU_VIENTO	Min	1052,593	3222,949	-186,988	-265,3253	-1004,128	-24930,132
520	ELU_VIENTO	Min	686,943	-4572,57	-378,728	-75,0978	-1001,42	-24371,065
520	ELU_VIENTO	Max	1351,335	4618,974	23,77	77,9405	3690,7103	-17337,964
520	ELU_VIENTO	Max	944,955	-3200,01	46,845	177,4293	3710,9266	-17071,167
520	ELU_GR1_VIENTO	Max	1448,518	6545,91	27,571	3676,133	5216,2254	-15792,12
520	ELU_GR1_VIENTO	Max	939,44	-2985,49	13,079	2923,2447	5066,3202	-15495,199
520	ELU_GR2	Max	1772,243	5975,437	64,355	2768,0891	4212,721	-12910,004
520	ELU_GR2	Max	1200,371	-3046,28	112,284	2522,1889	4116,0846	-12589,556
520	ELU_GR1_TERMICAS	Max	1635,921	6571,287	22,286	3776,2176	4506,4009	-12420,929
520	ELU_GR1_TERMICAS	Max	1187,83	-2984,84	-4,522	3202,2185	4346,8765	-12099,61
520	ELU_TERMICAS	Max	1757,758	5991,181	35,972	2666,9779	3962,2408	-10682,916
520	ELU_TERMICAS	Max	1373,133	-3051,94	41,382	2534,7183	3862,6329	-10381,503
520,11	ELU_GR1_TERMICAS	Min	-95,321	-6478,02	-203,191	-3766,788	-1662,009	-32186,594
520,11	ELU_GR1_TERMICAS	Min	-95,321	-6478,02	-203,191	-3766,823	-1662,008	-32186,594
520,11	ELU_TERMICAS	Min	-514,638	-5878,06	-210,527	-2660,601	-1824,516	-31273,994
520,11	ELU_TERMICAS	Min	-514,638	-5878,06	-210,527	-2660,569	-1824,512	-31273,994
520,11	ELU_GR1_VIENTO	Min	563,766	-6473,82	-318,513	-3657,378	-1925,193	-30150,973
520,11	ELU_GR1_VIENTO	Min	563,766	-6473,82	-318,513	-3657,414	-1925,187	-30150,973
520,11	ELU_GR2	Min	-44,075	-5879,09	-213,416	-2617,124	-2869,344	-29970,753
520,11	ELU_GR2	Min	-44,075	-5879,09	-213,416	-2617,156	-2869,344	-29970,753
520,11	ELU_VIENTO	Min	689,868	-4541,22	-377,568	-75,2792	-1010,149	-23868,983
520,11	ELU_VIENTO	Min	689,868	-4541,22	-377,568	-75,305	-1010,142	-23868,983
520,11	ELU_VIENTO	Max	945,833	-3177,89	45,695	178,1217	3748,9676	-16719,336
520,11	ELU_VIENTO	Max	945,833	-3177,89	45,695	178,0849	3748,9741	-16719,336
520,11	ELU_GR1_VIENTO	Max	940,597	-2963,39	12,389	2919,7282	5093,582	-15164,21
520,11	ELU_GR1_VIENTO	Max	940,597	-2963,39	12,389	2919,6852	5093,5885	-15164,21
520,11	ELU_GR2	Max	1201,238	-3024,21	112,284	2519,4031	4135,313	-12252,002
520,11	ELU_GR2	Max	1201,238	-3024,21	112,284	2519,3619	4135,3218	-12252,002
520,11	ELU_GR1_TERMICAS	Max	1189,401	-2962,76	-4,522	3198,2824	4363,1962	-11767,349
520,11	ELU_GR1_TERMICAS	Max	1189,401	-2962,76	-4,522	3198,2393	4363,2049	-11767,349
520,11	ELU_TERMICAS	Max	1374,702	-3029,87	41,382	2531,9327	3881,2915	-10042,59
520,11	ELU_TERMICAS	Max	1374,702	-3029,87	41,382	2531,8913	3881,3016	-10042,59
522,87114	ELU_GR1_TERMICAS	Min	-26,578	-5483,83	-202,256	-3499,051	-1519,484	-19490,413
522,87114	ELU_GR1_TERMICAS	Min	-26,578	-5483,83	-202,256	-3499,177	-1519,479	-19490,413
522,87114	ELU_TERMICAS	Min	-450,336	-4952,74	-209,456	-2483,273	-1851,456	-19176,421
522,87114	ELU_TERMICAS	Min	-450,336	-4952,74	-209,456	-2483,157	-1851,444	-19176,421
522,87114	ELU_GR2	Min	8,717	-4953,76	-212,466	-2440,587	-3076,405	-17856,389
522,87114	ELU_GR2	Min	8,717	-4953,76	-212,466	-2440,703	-3076,401	-17856,389
522,87114	ELU_GR1_VIENTO	Min	643,132	-5480,39	-300,326	-3393,72	-1860,246	-17431,46



PROYECTO DE CONSTRUCCIÓN DE LA VARIANTE CV-35 A SU PASO POR EL MUNICIPIO DE CHELVA (PROVINCIA DE CASTELLÓN)



ALTERNATIVA NORTE. CÁLCULO SUPERESTRUCTURAS

522,87114	ELU_GR1_VIENTO	Min	643,132	-5480,39	-300,326	-3393,846	-1860,216	-17431,46
522,87114	ELU_VIENTO	Min	763,531	-3754,17	-347,74	-72,6599	-1187,402	-12398,492
522,87114	ELU_VIENTO	Min	763,531	-3754,17	-347,74	-72,752	-1187,371	-12398,492
522,87114	ELU_VIENTO	Max	967,871	-2622,55	17,628	205,7485	4662,0847	-8687,2757
522,87114	ELU_VIENTO	Max	967,871	-2622,55	17,628	205,6166	4662,1146	-8687,2757
522,87114	ELU_GR1_VIENTO	Max	969,703	-2407,77	-4,152	2848,5539	5752,1617	-6164,941
522,87114	ELU_GR1_VIENTO	Max	969,703	-2407,77	-4,152	2848,3974	5752,1914	-6164,941
522,87114	ELU_GR2	Max	1252,221	-2469,79	100,777	2456,893	4618,7647	-3464,328
522,87114	ELU_GR2	Max	1252,221	-2469,79	100,777	2456,7438	4618,8071	-3464,328
522,87114	ELU_GR1_TERMICAS	Max	1228,965	-2407,88	-4,256	3114,2695	4773,92	-2734,7452
522,87114	ELU_GR1_TERMICAS	Max	1228,965	-2407,88	-4,256	3114,1129	4773,9613	-2734,7452
522,87114	ELU_TERMICAS	Max	1414,212	-2475,46	41,327	2472,3937	4351,6096	-1225,26
522,87114	ELU_TERMICAS	Max	1414,212	-2475,46	41,327	2472,244	4351,6582	-1225,26
524,63557	ELU_GR1_TERMICAS	Min	14,413	-4885,07	-200,679	-3453,412	-1423,41	-12705,889
524,63557	ELU_GR1_TERMICAS	Min	14,413	-4885,07	-200,679	-3453,573	-1423,402	-12705,889
524,63557	ELU_TERMICAS	Min	-411,485	-4388,2	-207,649	-2458,284	-1864,22	-12662,958
524,63557	ELU_TERMICAS	Min	-411,485	-4388,2	-207,649	-2458,136	-1864,204	-12662,958
524,63557	ELU_GR2	Min	36,359	-4389,23	-210,843	-2417,057	-3187,861	-11332,773
524,63557	ELU_GR2	Min	36,359	-4389,23	-210,843	-2417,204	-3187,853	-11332,773
524,63557	ELU_GR1_VIENTO	Min	691,047	-4882,11	-287,948	-3352,136	-1789,702	-10639,858
524,63557	ELU_GR1_VIENTO	Min	691,047	-4882,11	-287,948	-3352,298	-1789,656	-10639,858
524,63557	ELU_VIENTO	Min	810,816	-3251,24	-327,922	-68,5948	-1260,489	-6224,4083
524,63557	ELU_VIENTO	Min	810,816	-3251,24	-327,922	-68,7106	-1260,443	-6224,4083
524,63557	ELU_VIENTO	Max	981,975	-2267,68	0,493	226,8195	5201,8117	-4344,3723
524,63557	ELU_VIENTO	Max	981,975	-2267,68	0,493	226,6535	5201,857	-4344,3723
524,63557	ELU_GR1_VIENTO	Max	988,379	-2050,34	-13,93	2923,3519	6160,0009	-333,8105
524,63557	ELU_GR1_VIENTO	Max	988,379	-2050,34	-13,93	2923,1555	6160,0459	-333,8105
524,63557	ELU_GR2	Max	1288,766	-2114,56	93,684	2500,1312	4940,4057	1966,9724
524,63557	ELU_GR2	Max	1288,766	-2114,56	93,684	2499,944	4940,4693	1966,9724
524,63557	ELU_GR1_TERMICAS	Max	1254,389	-2050,93	-3,807	3178,4386	5052,8619	3109,9031
524,63557	ELU_GR1_TERMICAS	Max	1254,389	-2050,93	-3,807	3178,242	5052,9233	3109,9031
524,63557	ELU_TERMICAS	Max	1439,599	-2120,23	41,234	2515,9397	4667,7588	4224,4594
524,63557	ELU_TERMICAS	Max	1439,599	-2120,23	41,234	2515,7518	4667,8308	4224,4594
526,4	ELU_TERMICAS	Min	-369,025	-3787,61	-204,968	-2338,297	-1877,393	-7102,3998
526,4	ELU_TERMICAS	Min	-369,025	-3787,61	-204,968	-2338,087	-1877,369	-7102,3998
526,4	ELU_GR1_TERMICAS	Min	60,384	-4237,12	-198,338	-3276,046	-1328,97	-6966,9162
526,4	ELU_GR1_TERMICAS	Min	60,384	-4237,12	-198,338	-3276,277	-1328,954	-6966,9161
526,4	ELU_GR2	Min	67,626	-3788,66	-208,405	-2299,24	-3287,427	-5762,0199
526,4	ELU_GR2	Min	67,626	-3788,66	-208,405	-2299,452	-3287,413	-5762,0199
526,4	ELU_GR1_VIENTO	Min	744,022	-4234,66	-274,965	-3179,963	-1702,88	-4901,4041
526,4	ELU_GR1_VIENTO	Min	744,022	-4234,66	-274,965	-3180,193	-1702,801	-4901,404

526,4	ELU_VIENTO	Min	858,228	-2748,32	-307,492	-67,6783	-1304,049	-954,0606
526,4	ELU_VIENTO	Min	858,228	-2748,32	-307,492	-67,8428	-1303,969	-954,0606
526,4	ELU_VIENTO	Max	996,128	-1912,81	-16,04	243,3841	5705,7637	-614,7406
526,4	ELU_VIENTO	Max	996,128	-1912,81	-16,04	243,1478	5705,8431	-614,7406
526,4	ELU_GR1_VIENTO	Max	1007,145	-1651,91	-23,102	3050,6085	6533,2882	4933,285
526,4	ELU_GR1_VIENTO	Max	1007,145	-1651,91	-23,102	3050,329	6533,3669	4933,285
526,4	ELU_GR2	Max	1325,397	-1729,31	86,771	2577,6461	5248,7447	6779,4042
526,4	ELU_GR2	Max	1325,397	-1729,31	86,771	2577,3799	5248,8551	6779,4043
526,4	ELU_GR1_TERMICAS	Max	1279,932	-1652,98	-3,141	3293,167	5316,1476	8382,9273
526,4	ELU_GR1_TERMICAS	Max	1279,932	-1652,98	-3,141	3292,8873	5316,2534	8382,9274
526,4	ELU_TERMICAS	Max	1465,096	-1735	41,097	2592,4966	4970,2188	9055,4015
526,4	ELU_TERMICAS	Max	1465,096	-1735	41,097	2592,2291	4970,3425	9055,4016
528,77727	ELU_TERMICAS	Min	-311,973	-2985,2	-199,97	-2268,481	-1897,69	-2505,0589
528,77727	ELU_TERMICAS	Min	-311,973	-2985,2	-199,97	-2268,237	-1897,661	-2505,0589
528,77727	ELU_GR1_TERMICAS	Min	121,978	-3376,03	-193,975	-3164,509	-1207,375	-2251,9454
528,77727	ELU_GR1_TERMICAS	Min	121,978	-3376,03	-193,975	-3164,777	-1207,342	-2251,9454
528,77727	ELU_GR2	Min	109,625	-2986,26	-203,798	-2233,599	-3405,345	-1150,8851
528,77727	ELU_GR2	Min	109,625	-2986,26	-203,798	-2233,844	-3405,317	-1150,885
528,77727	ELU_GR1_VIENTO	Min	815,281	-3374,26	-256,271	-3077,187	-1563,688	-188,5493
528,77727	ELU_GR1_VIENTO	Min	815,281	-3374,26	-256,271	-3077,455	-1563,561	-188,5493
528,77727	ELU_VIENTO	Min	922,47	-2070,75	-278,586	-79,6956	-1317,554	3331,8458
528,77727	ELU_VIENTO	Min	922,47	-2070,75	-278,586	-79,8846	-1317,427	3331,8458
528,77727	ELU_VIENTO	Max	1015,547	-1434,71	-37,019	246,4256	6324,508	4826,3767
528,77727	ELU_VIENTO	Max	1015,547	-1434,71	-37,019	246,1529	6324,6363	4826,3767
528,77727	ELU_GR1_VIENTO	Max	1036,904	-1035,29	-34,295	3120,488	7014,3706	12260,8946
528,77727	ELU_GR1_VIENTO	Max	1036,904	-1035,29	-34,295	3120,1671	7014,4985	12260,8946
528,77727	ELU_GR2	Max	1377,998	-1151,28	77,861	2598,8291	5668,1492	13499,5421
528,77727	ELU_GR2	Max	1377,998	-1151,28	77,861	2598,5234	5668,3259	13499,5421
528,77727	ELU_GR1_TERMICAS	Max	1318,701	-1037	-1,9	3343,0186	5679,1345	15717,1706
528,77727	ELU_GR1_TERMICAS	Max	1318,701	-1037	-1,9	3342,6975	5679,3029	15717,1706
528,77727	ELU_TERMICAS	Max	1502,711	-1157	40,84	2610,2897	5380,9403	15800,6234
528,77727	ELU_TERMICAS	Max	1502,711	-1157	40,84	2609,982	5381,1354	15800,6234
531,15455	ELU_TERMICAS	Min	-255,096	-2182,83	-193,38	-2231,182	-1929,145	654,8915
531,15455	ELU_TERMICAS	Min	-255,096	-2182,83	-193,38	-2231,402	-1929,177	654,8916
531,15455	ELU_GR1_TERMICAS	Min	183,165	-2517,51	-188,222	-3098,153	-1104,427	1016,382
531,15455	ELU_GR1_TERMICAS	Min	183,165	-2517,51	-188,222	-3098,395	-1104,371	1016,382
531,15455	ELU_GR2	Min	151,474	-2183,92	-197,628	-2202,162	-3513,657	2022,9146
531,15455	ELU_GR2	Min	151,474	-2183,92	-197,628	-2202,384	-3513,611	2022,9146
531,15455	ELU_GR1_VIENTO	Min	886,189	-2516,43	-236,428	-3021,662	-1413,449	3076,0863
531,15455	ELU_GR1_VIENTO	Min	886,189	-2516,43	-236,428	-3021,903	-1413,263	3076,0864
531,15455	ELU_VIENTO	Min	986,789	-1393,18	-248,484	-107,3426	-1282,819	6184,0126



PROYECTO DE CONSTRUCCIÓN DE LA VARIANTE CV-35 A SU PASO POR EL MUNICIPIO DE CHELVA (PROVINCIA DE CASTELLÓN)



ALTERNATIVA NORTE. CÁLCULO SUPERESTRUCTURAS

531,15455	ELU_VIENTO	Min	986,789	-1393,18	-248,484	-107,5182	-1282,636	6184,0126
531,15455	ELU_VIENTO	Max	1037,585	-956,621	-56,979	226,9862	6872,8078	8947,5561
531,15455	ELU_VIENTO	Max	1037,585	-956,621	-56,979	226,7306	6872,9957	8947,5562
531,15455	ELU_GR1_VIENTO	Max	1070,18	-480,058	-44,435	3022,9401	7449,1717	17796,838
531,15455	ELU_GR1_VIENTO	Max	1070,18	-480,058	-44,435	3022,6322	7449,3584	17796,8381
531,15455	ELU_GR2	Max	1432,16	-619,161	69,197	2490,144	6074,0749	18575,4228
531,15455	ELU_GR2	Max	1432,16	-619,161	69,197	2489,8529	6074,3303	18575,4229
531,15455	ELU_TERMICAS	Max	1541,878	-624,9	40,502	2495,8228	5777,2011	20901,7477
531,15455	ELU_TERMICAS	Max	1541,878	-624,9	40,502	2495,5288	5777,4795	20901,7477
531,15455	ELU_GR1_TERMICAS	Max	1359,508	-482,407	-0,264	3221,9769	6029,0355	21258,064
531,15455	ELU_GR1_TERMICAS	Max	1359,508	-482,407	-0,264	3221,6688	6029,2767	21258,0641
533,91568	ELU_TERMICAS	Min	-189,582	-1259,88	-183,725	-2212,276	-1975,504	2897,6794
533,91568	ELU_TERMICAS	Min	-189,582	-1259,88	-183,725	-2212,134	-1975,476	2897,6794
533,91568	ELU_GR1_TERMICAS	Min	253,508	-1534,14	-179,792	-3052,869	-1004,24	3385,2288
533,91568	ELU_GR1_TERMICAS	Min	253,508	-1534,14	-179,792	-3053,03	-1004,151	3385,2288
533,91568	ELU_GR2	Min	199,561	-1261	-188,437	-2191,453	-3624,056	4277,2392
533,91568	ELU_GR2	Min	199,561	-1261	-188,437	-2191,597	-3623,985	4277,2392
533,91568	ELU_GR1_VIENTO	Min	953,701	-1533,86	-211,9	-2991,552	-1223,066	5438,6658
533,91568	ELU_GR1_VIENTO	Min	953,701	-1533,86	-211,9	-2991,712	-1222,807	5438,6658
533,91568	ELU_VIENTO	Min	1037,941	-606,209	-211,957	-160,1011	-1185,107	8066,0153
533,91568	ELU_VIENTO	Min	1037,941	-606,209	-211,957	-160,1989	-1184,854	8066,0153
533,91568	ELU_VIENTO	Max	1081,824	-401,361	-78,939	174,5346	7417,3109	11708,1728
533,91568	ELU_VIENTO	Max	1081,824	-401,361	-78,939	174,3869	7417,5745	11708,1728
533,91568	ELU_GR1_VIENTO	Max	1122,711	235,545	-54,921	2981,8489	7911,5776	21506,619
533,91568	ELU_GR1_VIENTO	Max	1122,711	235,545	-54,921	2981,6805	7911,8374	21506,619
533,91568	ELU_GR2	Max	1497,147	49,386	59,383	2400,3297	6536,9329	21972,9883
533,91568	ELU_GR2	Max	1497,147	49,386	59,383	2400,1658	6537,2864	21972,9883
533,91568	ELU_TERMICAS	Max	1589,396	43,618	40,005	2396,2182	6227,5881	24324,206
533,91568	ELU_TERMICAS	Max	1589,396	43,618	40,005	2396,0506	6227,9679	24324,206
533,91568	ELU_GR1_TERMICAS	Max	1409,7	232,464	2,131	3149,2453	6433,7936	24971,385
533,91568	ELU_GR1_TERMICAS	Max	1409,7	232,464	2,131	3149,0768	6434,1233	24971,385
536,67682	ELU_TERMICAS	Min	-123,987	-396,892	-171,919	-2244,845	-2031,511	3411,3275
536,67682	ELU_TERMICAS	Min	-123,987	-396,892	-171,919	-2244,918	-2031,495	3411,3275
536,67682	ELU_GR1_TERMICAS	Min	323,863	-613,979	-169,486	-3074,84	-925,5864	3960,1456
536,67682	ELU_GR1_TERMICAS	Min	323,863	-613,979	-169,486	-3074,763	-925,4614	3960,1456
536,67682	ELU_GR2	Min	247,753	-398,048	-177,001	-2234,577	-3717,999	4780,708
536,67682	ELU_GR2	Min	247,753	-398,048	-177,001	-2234,507	-3717,901	4780,708
536,67682	ELU_GR1_VIENTO	Min	1014,665	-614,492	-185,743	-3031,468	-1018,512	6005,1946
536,67682	ELU_GR1_VIENTO	Min	1014,665	-614,492	-185,743	-3031,39	-1018,185	6005,1946
536,67682	ELU_VIENTO	Min	1078,141	122,859	-173,68	-238,7513	-1028,701	8410,2792
536,67682	ELU_VIENTO	Min	1078,141	122,859	-173,68	-238,6944	-1028,386	8410,2792

536,67682	ELU_VIENTO	Max	1139,709	211,785	-99,646	103,3164	7858,2885	12291,1597
536,67682	ELU_VIENTO	Max	1139,709	211,785	-99,646	103,3574	7858,6218	12291,1597
536,67682	ELU_GR1_VIENTO	Max	1185,484	1033,104	-64,057	2936,3902	8321,8855	22257,318
536,67682	ELU_GR1_VIENTO	Max	1185,484	1033,104	-64,057	2936,4435	8322,2172	22257,318
536,67682	ELU_GR2	Max	1563,75	791,646	49,767	2295,173	6983,583	22675,7342
536,67682	ELU_GR2	Max	1563,75	791,646	49,767	2295,2249	6984,0269	22675,7342
536,67682	ELU_TERMICAS	Max	1638,43	785,852	39,396	2277,8852	6660,5956	25030,2307
536,67682	ELU_TERMICAS	Max	1638,43	785,852	39,396	2277,9327	6661,0658	25030,2307
536,67682	ELU_GR1_TERMICAS	Max	1462,032	1029,304	5,059	3067,5293	6830,1845	25723,1479
536,67682	ELU_GR1_TERMICAS	Max	1462,032	1029,304	5,059	3067,4759	6829,772	25723,148
539,43795	ELU_TERMICAS	Min	-71,479	283,944	-157,957	-2304,267	-2096,822	1879,7762
539,43795	ELU_TERMICAS	Min	-71,479	283,944	-157,957	-2303,864	-2096,82	1879,7762
539,43795	ELU_GR1_TERMICAS	Min	380,929	118,92	-157,298	-3130,63	-870,4393	2319,8148
539,43795	ELU_GR1_TERMICAS	Min	380,929	118,92	-157,298	-3131,056	-870,6065	2319,8149
539,43795	ELU_GR2	Min	282,873	282,747	-163,244	-2305,921	-3795,735	3238,8969
539,43795	ELU_GR2	Min	282,873	282,747	-163,244	-2306,321	-3795,863	3238,897
539,43795	ELU_GR1_VIENTO	Min	1062,67	117,625	-157,913	-3108,378	-804,1243	4354,3709
539,43795	ELU_GR1_VIENTO	Min	1062,67	117,625	-157,913	-3107,95	-803,7245	4354,3709
539,43795	ELU_VIENTO	Min	1105,976	675,674	-133,581	-341,8529	-815,8979	7216,6646
539,43795	ELU_VIENTO	Min	1105,976	675,674	-133,581	-341,5114	-815,5161	7216,6646
539,43795	ELU_VIENTO	Max	1210,162	1001,169	-92,616	37,0206	8191,5081	10696,158
539,43795	ELU_VIENTO	Max	1210,162	1001,169	-92,616	37,2511	8191,9166	10696,158
539,43795	ELU_GR1_VIENTO	Max	1261,905	2015,728	-55,952	2907,6988	8673,666	20111,7277
539,43795	ELU_GR1_VIENTO	Max	1261,905	2015,728	-55,952	2907,3543	8673,2587	20111,7278
539,43795	ELU_GR2	Max	1644,049	1714,426	40,28	2196,9055	7405,9172	20708,6036
539,43795	ELU_GR2	Max	1644,049	1714,426	40,28	2197,2204	7406,4569	20708,6036
539,43795	ELU_TERMICAS	Max	1701,013	1708,615	38,673	2162,9698	7068,4796	23066,3505
539,43795	ELU_TERMICAS	Max	1701,013	1708,615	38,673	2163,2795	7069,044	23066,3505
539,43795	ELU_GR1_TERMICAS	Max	1528,266	2011,226	8,519	2997,4796	7209,507	23576,0465
539,43795	ELU_GR1_TERMICAS	Max	1528,266	2011,226	8,519	2997,8246	7210,0052	23576,0465
542,19909	ELU_TERMICAS	Min	-23,139	952,651	-141,833	-2349,738	-2169,693	-1186,0545
542,19909	ELU_TERMICAS	Min	-23,139	952,651	-141,833	-2350,553	-2169,718	-1186,0544
542,19909	ELU_GR1_TERMICAS	Min	433,509	833,183	-143,22	-3177,405	-839,196	-854,5757
542,19909	ELU_GR1_TERMICAS	Min	433,509	833,183	-143,22	-3176,545	-838,9806	-854,5757
542,19909	ELU_GR2	Min	313,834	951,41	-147,086	-2367,11	-3856,479	162,6974
542,19909	ELU_GR2	Min	313,834	951,41	-147,086	-2366,3	-3856,315	162,6974
542,19909	ELU_GR1_VIENTO	Min	1106,568	831,127	-156,241	-3178,132	-581,9018	1167,4057
542,19909	ELU_GR1_VIENTO	Min	1106,568	831,127	-156,241	-3177,27	-581,424	1167,4057
542,19909	ELU_VIENTO	Min	1130,703	1228,524	-138,059	-439,602	-548,1969	4485,1488
542,19909	ELU_VIENTO	Min	1130,703	1228,524	-138,059	-438,9038	-547,7445	4485,1488
542,19909	ELU_VIENTO	Max	1283,846	1790,509	-81,315	-13,3745	8413,4797	6922,8577



PROYECTO DE CONSTRUCCIÓN DE LA VARIANTE CV-35 A SU PASO POR EL MUNICIPIO DE CHELVA (PROVINCIA DE CASTELLÓN)



ALTERNATIVA NORTE. CÁLCULO SUPERESTRUCTURAS

542,19909	ELU_VIENTO	Max	1283,846	1790,509	-81,315	-13,8536	8412,9906	6922,8578
542,19909	ELU_GR1_VIENTO	Max	1342,724	3001,235	-44,687	2907,8516	8961,2408	15018,0295
542,19909	ELU_GR1_VIENTO	Max	1342,724	3001,235	-44,687	2907,173	8960,752	15018,0296
542,19909	ELU_GR2	Max	1728,876	2637,542	30,852	2118,5809	7798,2879	16032,7379
542,19909	ELU_GR2	Max	1728,876	2637,542	30,852	2117,9574	7797,646	16032,738
542,19909	ELU_TERMICAS	Max	1767,934	2631,726	37,835	2064,4348	7446,1771	18393,6084
542,19909	ELU_TERMICAS	Max	1767,934	2631,726	37,835	2063,8172	7445,5138	18393,6085
542,19909	ELU_GR1_TERMICAS	Max	1599,216	2996,058	12,51	2952,4024	7568,1237	18478,1711
542,19909	ELU_GR1_TERMICAS	Max	1599,216	2996,058	12,51	2951,723	7567,5349	18478,1712
544,96023	ELU_TERMICAS	Min	24,43	1609,32	-123,579	-2333,409	-2247,611	-5788,2692
544,96023	ELU_TERMICAS	Min	24,43	1609,32	-123,579	-2334,697	-2247,666	-5788,2691
544,96023	ELU_GR1_TERMICAS	Min	484,839	1529,079	-127,27	-3160,129	-830,2246	-5568,7595
544,96023	ELU_GR1_TERMICAS	Min	484,839	1529,079	-127,27	-3161,48	-830,494	-5568,7594
544,96023	ELU_GR2	Min	344,027	1608,037	-128,474	-2366,637	-3897,503	-4450,0168
544,96023	ELU_GR2	Min	344,027	1608,037	-128,474	-2367,92	-3897,706	-4450,0167
544,96023	ELU_GR1_VIENTO	Min	1149,639	1526,291	-161,693	-3186,922	-352,4345	-3561,4043
544,96023	ELU_GR1_VIENTO	Min	1149,639	1526,291	-161,693	-3188,276	-352,9955	-3561,4042
544,96023	ELU_VIENTO	Min	1156,128	1781,421	-155,393	-490,6222	-225,788	215,9716
544,96023	ELU_VIENTO	Min	1156,128	1781,421	-155,393	-491,7538	-226,3154	215,9717
544,96023	ELU_VIENTO	Max	1356,855	2579,799	-47,093	-33,2924	8519,5971	971,202
544,96023	ELU_VIENTO	Max	1356,855	2579,799	-47,093	-34,0738	8519,0221	971,2021
544,96023	ELU_GR1_VIENTO	Max	1423,407	3984,789	-19,071	2959,3923	9180,9001	7060,6667
544,96023	ELU_GR1_VIENTO	Max	1423,407	3984,789	-19,071	2958,3104	9180,3241	7060,6669
544,96023	ELU_GR2	Max	1813,943	3557,478	21,415	2079,6106	8153,8327	8709,3237
544,96023	ELU_GR2	Max	1813,943	3557,478	21,415	2078,6142	8153,0823	8709,3238
544,96023	ELU_GR1_TERMICAS	Max	1670,418	3978,967	17,032	2953,8022	7900,0814	10513,883
544,96023	ELU_GR1_TERMICAS	Max	1670,418	3978,967	17,032	2952,719	7899,3971	10513,8832
544,96023	ELU_TERMICAS	Max	1834,864	3551,674	36,881	2001,6191	7787,5403	11073,0817
544,96023	ELU_TERMICAS	Max	1834,864	3551,674	36,881	2000,6294	7786,7736	11073,0819
547,72136	ELU_GR1_TERMICAS	Min	531,572	2125,362	-110,201	-3029,18	-843,3023	-14272,416
547,72136	ELU_GR1_TERMICAS	Min	531,572	2125,362	-110,201	-3031,128	-843,6313	-14272,416
547,72136	ELU_TERMICAS	Min	68,694	2192,84	-104,453	-2205,501	-2327,681	-14253,064
547,72136	ELU_TERMICAS	Min	68,694	2192,84	-104,453	-2207,36	-2327,771	-14253,064
547,72136	ELU_GR2	Min	370,913	2191,519	-118,768	-2257,607	-3916,607	-12925,454
547,72136	ELU_GR2	Min	370,913	2191,519	-118,768	-2259,461	-3916,852	-12925,454
547,72136	ELU_GR1_VIENTO	Min	1188,583	2121,877	-165,932	-3084,65	-117,8184	-12281,702
547,72136	ELU_GR1_VIENTO	Min	1188,583	2121,877	-165,932	-3086,601	-118,4676	-12281,702
547,72136	ELU_VIENTO	Min	1182,327	2334,379	-171,694	-455,0036	150,406	-7834,8479
547,72136	ELU_VIENTO	Min	1182,327	2334,379	-171,694	-456,6456	149,7992	-7834,8477
547,72136	ELU_VIENTO	Max	1429,004	3369,034	-1,104	6,4751	8506,8344	-4913,6765
547,72136	ELU_VIENTO	Max	1429,004	3369,034	-1,104	5,3373	8506,1685	-4913,6764

547,72136	ELU_GR1_VIENTO	Max	1503,359	4961,608	14,202	3105,9719	9330,2089	-1179,7466
547,72136	ELU_GR1_VIENTO	Max	1503,359	4961,608	14,202	3104,4198	9329,5416	-1179,7464
547,72136	ELU_GR2	Max	1898,908	4470,814	22,583	2119,6619	8468,3657	1162,4409
547,72136	ELU_GR2	Max	1898,908	4470,814	22,583	2118,2306	8467,5017	1162,4411
547,72136	ELU_GR1_TERMICAS	Max	1741,341	4955,177	22,084	3045,7383	8203,12	2263,7234
547,72136	ELU_GR1_TERMICAS	Max	1741,341	4955,177	22,084	3044,1845	8202,3367	2263,7236
547,72136	ELU_TERMICAS	Max	1901,424	4465,044	35,809	2014,104	8089,3692	3528,7308
547,72136	ELU_TERMICAS	Max	1901,424	4465,044	35,809	2012,6801	8088,4957	3528,731
550,4825	ELU_GR1_TERMICAS	Min	571,501	2681,679	-91,315	-2852,088	-875,5313	-25719,033
550,4825	ELU_GR1_TERMICAS	Min	571,501	2681,679	-91,315	-2850,097	-875,2298	-25719,031
550,4825	ELU_TERMICAS	Min	108,032	2747,85	-83,294	-2024,408	-2405,488	-25235,41
550,4825	ELU_TERMICAS	Min	108,032	2747,85	-83,294	-2022,506	-2405,388	-25235,408
550,4825	ELU_GR2	Min	392,868	2746,497	-107,158	-2082,15	-3909,359	-23918,592
550,4825	ELU_GR2	Min	392,868	2746,497	-107,158	-2080,249	-3909,135	-23918,59
550,4825	ELU_GR1_VIENTO	Min	1221,233	2677,543	-168,981	-2915,529	122,9813	-23746,935
550,4825	ELU_GR1_VIENTO	Min	1221,233	2677,543	-168,981	-2913,53	123,5489	-23746,933
550,4825	ELU_VIENTO	Min	1209,375	2887,412	-187,003	-283,1827	581,1153	-18256,741
550,4825	ELU_VIENTO	Min	1209,375	2887,412	-187,003	-281,479	581,6433	-18256,739
550,4825	ELU_VIENTO	Max	1500,098	4158,208	46,944	139,9595	8371,4729	-12139,673
550,4825	ELU_VIENTO	Max	1500,098	4158,208	46,944	141,1425	8372,055	-12139,672
550,4825	ELU_GR1_VIENTO	Max	1581,957	5925,537	49,306	3363,4284	9408,2996	-10654,635
550,4825	ELU_GR1_VIENTO	Max	1581,957	5925,537	49,306	3365,0415	9408,8833	-10654,633
550,4825	ELU_GR2	Max	1983,411	5373,984	24,251	2282,7827	8738,3379	-7730,8805
550,4825	ELU_GR2	Max	1983,411	5373,984	24,251	2284,2745	8739,0899	-7730,8791
550,4825	ELU_GR1_TERMICAS	Max	1811,428	5918,541	27,665	3267,3753	8476,0391	-7223,7945
550,4825	ELU_GR1_TERMICAS	Max	1811,428	5918,541	27,665	3268,9956	8476,7169	-7223,793
550,4825	ELU_TERMICAS	Max	1967,22	5368,275	34,618	2161,3667	8349,2733	-5362,5426
550,4825	ELU_TERMICAS	Max	1967,22	5368,275	34,618	2162,8561	8350,026	-5362,5412
552	ELU_GR1_TERMICAS	Min	593,281	2986,48	-80,16	-2698,495	-867,4952	-33095,143
552	ELU_GR1_TERMICAS	Min	-76,926	-6399,76	-194,426	-3590,212	-748,5828	-32690,545
552	ELU_TERMICAS	Min	129,567	3052,5	-70,799	-1906,208	-2421,319	-32267,908
552	ELU_TERMICAS	Min	-501,556	-5825,14	-201,489	-2607,469	-2312,916	-31890,261
552	ELU_GR1_VIENTO	Min	1239,243	2982,009	-170,156	-2730,801	291,6664	-31134,1
552	ELU_GR2	Min	404,847	3051,135	-99,644	-1943,656	-3867,911	-30957,084
552	ELU_GR1_VIENTO	Min	614,37	-6396,07	-297,629	-3525,253	370,0275	-30654,347
552	ELU_GR2	Min	-55,716	-5828,4	-215,745	-2509,71	-3785,873	-30534,894
552	ELU_VIENTO	Min	1224,627	3191,394	-195,007	-146,0427	842,3994	-24913,26
552	ELU_VIENTO	Min	754,788	-4556,62	-349,778	-200,6126	824,7248	-24452,272
552	ELU_VIENTO	Max	1538,647	4591,908	74,242	307,3528	8244,7404	-16761,397
552	ELU_VIENTO	Max	937,197	-3190,19	37,235	453,6447	8274,8157	-16641,672
552	ELU_GR1_VIENTO	Max	1625,402	6461,053	69,386	3768,3038	9442,72	-15203,398



PROYECTO DE CONSTRUCCIÓN DE LA VARIANTE CV-35 A SU PASO POR EL MUNICIPIO DE CHELVA (PROVINCIA DE CASTELLÓN)



ALTERNATIVA NORTE. CÁLCULO SUPERESTRUCTURAS

552	ELU_GR1_VIENTO	Max	946,063	-2976,48	14,728	2940,1264	9289,8377	-15047,028
552	ELU_GR2	Max	2030,273	5873,811	25,062	2622,3835	8883,1505	-12316,933
552	ELU_GR2	Max	1255,661	-3032,77	76,557	2396,1948	8791,3305	-12128,668
552	ELU_GR1_TERMICAS	Max	1850,442	6453,768	30,955	3687,2825	8635,1453	-11780,746
552	ELU_GR1_TERMICAS	Max	1218,747	-2968,76	-4,004	3155,7805	8473,2802	-11549,297
552	ELU_TERMICAS	Max	2003,66	5868,151	33,911	2514,9793	8490,1842	-9947,724
552	ELU_TERMICAS	Max	1406,314	-3031,41	32,36	2592,2404	8398,3363	-9711,3146
554,00239	ELU_GR1_TERMICAS	Min	-29,732	-5723,63	-177,795	-3134,734	-596,4424	-23168,416
554,00239	ELU_GR1_TERMICAS	Min	-29,732	-5723,63	-177,795	-3136,478	-596,3877	-23168,415
554,00239	ELU_TERMICAS	Min	-457,412	-5188,65	-182,505	-2225,351	-2278,493	-22803,891
554,00239	ELU_TERMICAS	Min	-457,412	-5188,65	-182,505	-2226,952	-2278,655	-22803,89
554,00239	ELU_GR2	Min	-24,105	-5191,99	-197,352	-2146,506	-3829,933	-21445,638
554,00239	ELU_GR2	Min	-24,105	-5191,99	-197,352	-2148,109	-3829,893	-21445,637
554,00239	ELU_GR1_VIENTO	Min	670,462	-5719,48	-270,981	-3096,289	459,6796	-21137,039
554,00239	ELU_GR1_VIENTO	Min	670,462	-5719,48	-270,981	-3098,031	460,0677	-21137,039
554,00239	ELU_VIENTO	Min	810,141	-3984,2	-314,039	-42,2073	720,4207	-15878,932
554,00239	ELU_VIENTO	Min	810,141	-3984,2	-314,039	-43,4827	720,8139	-15878,932
554,00239	ELU_VIENTO	Max	955,186	-2789,4	29,38	688,8725	8894,8204	-10632,66
554,00239	ELU_VIENTO	Max	955,186	-2789,4	29,38	687,0644	8895,2309	-10632,659
554,00239	ELU_GR1_VIENTO	Max	968,846	-2574,49	15,166	3303,7779	9735,9029	-8856,6122
554,00239	ELU_GR1_VIENTO	Max	968,846	-2574,49	15,166	3301,6668	9736,3028	-8856,6117
554,00239	ELU_GR2	Max	1299,167	-2630,7	71,423	2671,6665	9153,3898	-5990,0342
554,00239	ELU_GR2	Max	1299,167	-2630,7	71,423	2669,6504	9153,9616	-5990,0337
554,00239	ELU_GR1_TERMICAS	Max	1249,043	-2566,22	0,613	3470,7367	8756,444	-5371,7659
554,00239	ELU_GR1_TERMICAS	Max	1249,043	-2566,22	0,613	3468,6293	8756,9861	-5371,7655
554,00239	ELU_TERMICAS	Max	1436,811	-2629,37	31,403	2839,7807	8731,0199	-3576,8156
554,00239	ELU_TERMICAS	Max	1436,811	-2629,37	31,403	2837,7651	8731,6596	-3576,8152
556,20119	ELU_GR1_TERMICAS	Min	24,325	-4978,12	-158,508	-2785,421	-448,2161	-14255,51
556,20119	ELU_GR1_TERMICAS	Min	24,325	-4978,12	-158,508	-2787,004	-448,1346	-14255,51
556,20119	ELU_TERMICAS	Min	-407,156	-4485,85	-160,492	-1930,91	-2246,211	-14242,746
556,20119	ELU_TERMICAS	Min	-407,156	-4485,85	-160,492	-1929,455	-2246,058	-14242,746
556,20119	ELU_GR2	Min	12,361	-4489,27	-175,738	-1872,343	-3873,304	-12881,33
556,20119	ELU_GR2	Min	12,361	-4489,27	-175,738	-1873,8	-3873,246	-12881,33
556,20119	ELU_GR1_VIENTO	Min	733,921	-4973,49	-240,718	-2777,539	549,6426	-12230,946
556,20119	ELU_GR1_VIENTO	Min	733,921	-4973,49	-240,718	-2779,12	550,0799	-12230,946
556,20119	ELU_VIENTO	Min	870,32	-3355,64	-273,669	61,7576	617,9422	-7785,944
556,20119	ELU_VIENTO	Min	870,32	-3355,64	-273,669	60,6005	618,3821	-7785,944
556,20119	ELU_VIENTO	Max	975,322	-2349,25	21,275	847,6186	9488,4456	-4957,6331
556,20119	ELU_VIENTO	Max	975,322	-2349,25	21,275	845,9783	9488,9107	-4957,6331
556,20119	ELU_GR1_VIENTO	Max	994,083	-2130,73	16,267	3635,0209	10124,747	-1214,3874
556,20119	ELU_GR1_VIENTO	Max	994,083	-2130,73	16,267	3633,0885	10125,199	-1214,3874

556,20119	ELU_GR2	Max	1346,979	-2188,24	65,7	2895,2985	9476,3357	1108,2205
556,20119	ELU_GR2	Max	1346,979	-2188,24	65,7	2893,4584	9476,9752	1108,2205
556,20119	ELU_GR1_TERMICAS	Max	1282,201	-2121,87	5,958	3746,2905	8988,5038	2254,1181
556,20119	ELU_GR1_TERMICAS	Max	1282,201	-2121,87	5,958	3744,3624	8989,1048	2254,1181
556,20119	ELU_TERMICAS	Max	1470,15	-2186,95	30,29	3031,171	9020,598	3516,8606
556,20119	ELU_TERMICAS	Max	1470,15	-2186,95	30,29	3029,3315	9021,3037	3516,8606
558,4	ELU_TERMICAS	Min	-358,084	-3765,81	-138,296	-1942,658	-2237,645	-7159,3398
558,4	ELU_TERMICAS	Min	-358,084	-3765,81	-138,296	-1941,616	-2237,535	-7159,339
558,4	ELU_GR1_TERMICAS	Min	76,381	-4213,98	-139,058	-2838,616	-344,9315	-6965,0411
558,4	ELU_GR1_TERMICAS	Min	76,381	-4213,98	-139,058	-2837,474	-345,0229	-6965,0403
558,4	ELU_GR2	Min	47,611	-3769,33	-153,571	-1907,421	-3929,358	-5794,8341
558,4	ELU_GR2	Min	47,611	-3769,33	-153,571	-1906,377	-3929,423	-5794,8333
558,4	ELU_GR1_VIENTO	Min	794,848	-4208,89	-210,117	-2861,489	605,4448	-4948,8894
558,4	ELU_GR1_VIENTO	Min	794,848	-4208,89	-210,117	-2860,348	605,0513	-4948,8886
558,4	ELU_VIENTO	Min	929,625	-2727,12	-232,828	94,0158	528,4673	-1077,3437
558,4	ELU_VIENTO	Min	929,625	-2727,12	-232,828	94,8211	528,0763	-1077,343
558,4	ELU_VIENTO	Max	998,798	-1909,04	12,979	904,7224	9989,7467	-251,0484
558,4	ELU_VIENTO	Max	998,798	-1909,04	12,979	905,8641	9989,3291	-251,0479
558,4	ELU_GR1_VIENTO	Max	1021,31	-1666,56	17,295	3539,4048	10440,61	5283,9873
558,4	ELU_GR1_VIENTO	Max	1021,31	-1666,56	17,295	3540,7409	10440,205	5283,9881
558,4	ELU_GR2	Max	1394,751	-1730,6	59,645	2779,697	9745,6914	7050,2866
558,4	ELU_GR2	Max	1394,751	-1730,6	59,645	2780,9694	9745,1237	7050,2873
558,4	ELU_GR1_TERMICAS	Max	1315,173	-1657,14	11,34	3594,9417	9171,0209	8733,8659
558,4	ELU_GR1_TERMICAS	Max	1315,173	-1657,14	11,34	3596,2738	9170,4919	8733,8666
558,4	ELU_TERMICAS	Max	1503,225	-1729,34	29,164	2883,2369	9256,1794	9454,0945
558,4	ELU_TERMICAS	Max	1503,225	-1729,34	29,164	2884,5088	9255,561	9454,0951
559,96352	ELU_TERMICAS	Min	-320,666	-3234,37	-122,497	-1802,863	-2224,577	-3912,7515
559,96352	ELU_TERMICAS	Min	-320,666	-3234,37	-122,497	-1802,133	-2224,496	-3912,7515
559,96352	ELU_GR1_TERMICAS	Min	117,024	-3641,68	-125,212	-2655,077	-270,4343	-3638,0874
559,96352	ELU_GR1_TERMICAS	Min	117,024	-3641,68	-125,212	-2655,877	-270,347	-3638,0874
559,96352	ELU_GR2	Min	75,184	-3237,96	-137,558	-1782,452	-3955,176	-2546,0888
559,96352	ELU_GR2	Min	75,184	-3237,96	-137,558	-1783,183	-3955,114	-2546,0888
559,96352	ELU_GR1_VIENTO	Min	831,844	-3636,27	-188,214	-2699,81	652,177	-1628,8643
559,96352	ELU_GR1_VIENTO	Min	831,844	-3636,27	-188,214	-2700,608	652,5138	-1628,8643
559,96352	ELU_VIENTO	Min	955,215	-2280,22	-203,561	81,6646	472,7684	1945,455
559,96352	ELU_VIENTO	Min	955,215	-2280,22	-203,561	81,1049	473,1018	1945,455
559,96352	ELU_VIENTO	Max	1026,822	-1595,98	6,916	895,3234	10288,942	3410,5107
559,96352	ELU_VIENTO	Max	1026,822	-1595,98	6,916	894,5301	10289,3	3410,5107
559,96352	ELU_GR1_VIENTO	Max	1048,595	-1264,29	17,926	3668,6504	10624,381	9945,587
559,96352	ELU_GR1_VIENTO	Max	1048,595	-1264,29	17,926	3667,7176	10624,728	9945,587
559,96352	ELU_GR2	Max	1429,537	-1352,31	55,125	2826,5546	9904,8758	11363,5119



PROYECTO DE CONSTRUCCIÓN DE LA VARIANTE CV-35 A SU PASO POR EL MUNICIPIO DE CHELVA (PROVINCIA DE CASTELLÓN)



ALTERNATIVA NORTE. CÁLCULO SUPERESTRUCTURAS

559,96352	ELU_GR2	Max	1429,537	-1352,31	55,125	2825,6686	9905,3595	11363,5119
559,96352	ELU_GR1_TERMICAS	Max	1339,633	-1254,48	15,165	3684,7345	9274,1715	13380,8788
559,96352	ELU_GR1_TERMICAS	Max	1339,633	-1254,48	15,165	3683,8051	9274,6199	13380,8788
559,96352	ELU_TERMICAS	Max	1527,428	-1351,06	28,36	2907,1879	9391,4461	13763,7031
559,96352	ELU_TERMICAS	Max	1527,428	-1351,06	28,36	2906,3023	9391,9685	13763,7031
561,52705	ELU_TERMICAS	Min	-282,081	-2707,3	-106,686	-1694,944	-2212,766	-1428,74
561,52705	ELU_TERMICAS	Min	-282,081	-2707,3	-106,686	-1695,765	-2212,862	-1428,7391
561,52705	ELU_GR1_TERMICAS	Min	159,025	-3076,92	-111,353	-2509,526	-204,6299	-1089,3527
561,52705	ELU_GR1_TERMICAS	Min	159,025	-3076,92	-111,353	-2510,426	-204,4933	-1089,3518
561,52705	ELU_GR2	Min	103,913	-2710,97	-121,34	-1690,824	-3975,999	-64,1607
561,52705	ELU_GR2	Min	103,913	-2710,97	-121,34	-1691,647	-3975,903	-64,1599
561,52705	ELU_GR1_VIENTO	Min	869,563	-3071,21	-166,203	-2576,1	696,0071	912,1782
561,52705	ELU_GR1_VIENTO	Min	869,563	-3071,21	-166,203	-2576,997	696,4867	912,179
561,52705	ELU_VIENTO	Min	979,753	-1833,32	-174,124	43,9606	425,3318	4214,6136
561,52705	ELU_VIENTO	Min	979,753	-1833,32	-174,124	43,3383	425,8048	4214,6143
561,52705	ELU_VIENTO	Max	1058,567	-1282,88	0,712	850,0067	10541,588	6634,0969
561,52705	ELU_VIENTO	Max	1058,567	-1282,88	0,712	849,1246	10542,1	6634,0979
561,52705	ELU_GR1_VIENTO	Max	1078,407	-895,667	18,472	3662,2261	10772,309	14587,1763
561,52705	ELU_GR1_VIENTO	Max	1078,407	-895,667	18,472	3661,1401	10772,803	14587,1779
561,52705	ELU_GR2	Max	1464,519	-999,131	50,425	2765,5722	10037,264	15560,599
561,52705	ELU_GR2	Max	1464,519	-999,131	50,425	2764,5529	10037,949	15560,6004
561,52705	ELU_TERMICAS	Max	1551,719	-997,901	27,553	2823,3716	9500,4483	17952,8016
561,52705	ELU_TERMICAS	Max	1551,719	-997,901	27,553	2822,3529	9501,1822	17952,803
561,52705	ELU_GR1_TERMICAS	Max	1364,295	-885,486	18,989	3639,0297	9353,7096	18006,8033
561,52705	ELU_GR1_TERMICAS	Max	1364,295	-885,486	18,989	3637,9487	9354,3415	18006,8048
564,28818	ELU_TERMICAS	Min	-216,76	-1784,75	-78,741	-1778,827	-2194,289	1755,971
564,28818	ELU_TERMICAS	Min	-216,76	-1784,75	-78,741	-1778,217	-2194,202	1755,971
564,28818	ELU_GR1_TERMICAS	Min	229,141	-2093,04	-86,855	-2612,295	-109,0071	2208,2125
564,28818	ELU_GR1_TERMICAS	Min	229,141	-2093,04	-86,855	-2612,968	-108,7954	2208,2125
564,28818	ELU_GR2	Min	151,811	-1788,56	-92,204	-1801,588	-3998,664	3097,72
564,28818	ELU_GR2	Min	151,811	-1788,56	-92,204	-1802,201	-3998,514	3097,72
564,28818	ELU_GR1_VIENTO	Min	932,441	-2086,81	-127,079	-2717,371	767,018	4194,3561
564,28818	ELU_GR1_VIENTO	Min	932,441	-2086,81	-127,079	-2718,04	767,6632	4194,3561
564,28818	ELU_VIENTO	Min	1023,643	-1044,17	-121,741	-67,1407	363,6158	7017,3506
564,28818	ELU_VIENTO	Min	1023,643	-1044,17	-121,741	-67,5932	364,2468	7017,3506
564,28818	ELU_VIENTO	Max	1113,488	-729,88	-10,58	706,919	10874,034	10619,4482
564,28818	ELU_VIENTO	Max	1113,488	-729,88	-10,58	706,278	10874,72	10619,4482
564,28818	ELU_GR1_VIENTO	Max	1139,289	-187,502	19,23	3447,325	10946,589	19942,7118
564,28818	ELU_GR1_VIENTO	Max	1139,289	-187,502	19,23	3446,513	10947,251	19942,7118
564,28818	ELU_GR2	Max	1532,853	-333,709	41,692	2493,0843	10205,372	20468,1268
564,28818	ELU_GR2	Max	1532,853	-333,709	41,692	2492,3296	10206,283	20468,1268

564,28818	ELU_TERMICAS	Max	1600,923	-332,496	26,121	2510,7421	9629,3758	22826,7097
564,28818	ELU_TERMICAS	Max	1600,923	-332,496	26,121	2509,9882	9630,3383	22826,7097
564,28818	ELU_GR1_TERMICAS	Max	1416,538	-176,701	25,738	3355,2128	9437,3709	23332,1447
564,28818	ELU_GR1_TERMICAS	Max	1416,538	-176,701	25,738	3354,4075	9438,2039	23332,1447
567,04932	ELU_TERMICAS	Min	-151,08	-862,06	-50,853	-1871,944	-2182,444	3406,2598
567,04932	ELU_TERMICAS	Min	-151,08	-862,06	-50,853	-1871,804	-2182,397	3406,2598
567,04932	ELU_GR1_TERMICAS	Min	299,498	-1111,05	-62,414	-2719,321	-45,6785	3971,222
567,04932	ELU_GR1_TERMICAS	Min	299,498	-1111,05	-62,414	-2719,472	-45,4263	3971,222
567,04932	ELU_GR2	Min	200,061	-866,014	-62,523	-1922,675	-4006,115	4724,8979
567,04932	ELU_GR2	Min	200,061	-866,014	-62,523	-1922,818	-4005,936	4724,8979
567,04932	ELU_GR1_VIENTO	Min	995,98	-1104,33	-87,735	-2862,778	824,2709	5939,7731
567,04932	ELU_GR1_VIENTO	Min	995,98	-1104,33	-87,735	-2862,925	824,9525	5939,7731
567,04932	ELU_VIENTO	Min	1068,255	-255,065	-68,96	-213,8609	332,914	8281,4738
567,04932	ELU_VIENTO	Min	1068,255	-255,065	-68,96	-213,9714	333,5725	8281,4738
567,04932	ELU_VIENTO	Max	1166,942	-176,779	-19,244	513,3926	11061,23	12423,2226
567,04932	ELU_VIENTO	Max	1166,942	-176,779	-19,244	513,2369	11061,949	12423,2226
567,04932	ELU_GR1_VIENTO	Max	1197,734	543,787	21,592	3238,7554	11013,255	22356,1995
567,04932	ELU_GR1_VIENTO	Max	1197,734	543,787	21,592	3238,539	11013,948	22356,1995
567,04932	ELU_GR2	Max	1599,814	346,559	32,495	2209,4407	10290,33	22670,117
567,04932	ELU_GR2	Max	1599,814	346,559	32,495	2209,2495	10291,277	22670,117
567,04932	ELU_TERMICAS	Max	1648,446	347,767	24,763	2187,1968	9679,311	24994,277
567,04932	ELU_TERMICAS	Max	1648,446	347,767	24,763	2187,0064	9680,2986	24994,277
567,04932	ELU_GR1_TERMICAS	Max	1466,936	555,164	32,562	3078,3486	9452,5301	25712,3683
567,04932	ELU_GR1_TERMICAS	Max	1466,936	555,164	32,562	3078,1392	9453,3892	25712,3683
569,81045	ELU_TERMICAS	Min	-89,063	-101,863	-26,491	-2030,206	-2178,323	3052,6392
569,81045	ELU_TERMICAS	Min	-89,063	-101,863	-26,491	-2030,618	-2178,313	3052,6392
569,81045	ELU_GR1_TERMICAS	Min	365,889	-295,928	-40,1	-2891,817	-16,7023	3573,8261
569,81045	ELU_GR1_TERMICAS	Min	365,889	-295,928	-40,1	-2891,385	-16,4104	3573,8261
569,81045	ELU_GR2	Min	244,653	-105,974	-44,865	-2103,231	-3997,849	4347,9962
569,81045	ELU_GR2	Min	244,653	-105,974	-44,865	-2102,829	-3997,641	4347,9962
569,81045	ELU_GR1_VIENTO	Min	1055,978	-288,753	-59,313	-3064,844	866,3798	5522,6954
569,81045	ELU_GR1_VIENTO	Min	1055,978	-288,753	-59,313	-3064,42	867,0971	5522,6954
569,81045	ELU_VIENTO	Min	1109,875	375,652	-34,367	-401,2866	337,0194	8006,7798
569,81045	ELU_VIENTO	Min	1109,875	375,652	-34,367	-400,9575	337,7059	8006,7798
569,81045	ELU_VIENTO	Max	1222,641	534,761	0,336	338,5618	11103,797	12044,4102
569,81045	ELU_VIENTO	Max	1222,641	534,761	0,336	338,7938	11104,548	12044,4102
569,81045	ELU_GR1_VIENTO	Max	1260,548	1444,135	40,914	3048,3962	10992,572	21840,5863
569,81045	ELU_GR1_VIENTO	Max	1260,548	1444,135	40,914	3048,7702	10993,31	21840,5863
569,81045	ELU_GR2	Max	1671,426	1190,915	35,403	1951,7298	10306,948	22176,116
569,81045	ELU_GR2	Max	1671,426	1190,915	35,403	1952,0612	10307,941	22176,116
569,81045	ELU_TERMICAS	Max	1700,33	1192,131	26,938	1895,6027	9666,7253	24465,0892



PROYECTO DE CONSTRUCCIÓN DE LA VARIANTE CV-35 A SU PASO POR EL MUNICIPIO DE CHELVA (PROVINCIA DE CASTELLÓN)



ALTERNATIVA NORTE. CÁLCULO SUPERESTRUCTURAS

569,81045	ELU_TERMICAS	Max	1700,33	1192,131	26,938	1895,927	9667,7483	24465,0892
569,81045	ELU_GR1_TERMICAS	Max	1522,3	1456,042	41,524	2829,0231	9420,1854	25160,6121
569,81045	ELU_GR1_TERMICAS	Max	1522,3	1456,042	41,524	2829,3926	9421,0843	25160,6121
572,57159	ELU_TERMICAS	Min	-40,136	574,697	-27,841	-2332,748	-2176,764	927,8384
572,57159	ELU_TERMICAS	Min	-40,136	574,697	-27,841	-2331,774	-2176,736	927,8384
572,57159	ELU_GR1_TERMICAS	Min	418,803	430,222	-33,209	-3148,419	-16,1699	1326,1639
572,57159	ELU_GR1_TERMICAS	Min	418,803	430,222	-33,209	-3147,393	-15,8395	1326,1639
572,57159	ELU_GR2	Min	276,178	570,425	-42,356	-2369,582	-3967,244	2199,859
572,57159	ELU_GR2	Min	276,178	570,425	-42,356	-2368,618	-3967,007	2199,859
572,57159	ELU_GR1_VIENTO	Min	1102,929	437,389	-59,109	-3264,534	899,8895	3253,3811
572,57159	ELU_GR1_VIENTO	Min	1102,929	437,389	-59,109	-3263,515	900,6416	3253,3811
572,57159	ELU_VIENTO	Min	1139,326	929,739	-46,819	-597,4937	379,6644	6193,5265
572,57159	ELU_VIENTO	Min	1139,326	929,739	-46,819	-596,6782	380,3793	6193,5265
572,57159	ELU_VIENTO	Max	1289,76	1322,984	38,13	214,5612	11002,452	9482,647
572,57159	ELU_VIENTO	Max	1289,76	1322,984	38,13	215,1343	11003,235	9482,647
572,57159	ELU_GR1_VIENTO	Max	1336,079	2427,501	71,156	2939,799	10902,337	18394,816
572,57159	ELU_GR1_VIENTO	Max	1336,079	2427,501	71,156	2940,6233	10903,111	18394,816
572,57159	ELU_GR2	Max	1756,229	2114,073	53,541	1853,4251	10267,756	18985,412
572,57159	ELU_GR2	Max	1756,229	2114,073	53,541	1854,1736	10268,79	18985,412
572,57159	ELU_TERMICAS	Max	1765,133	2115,311	54,825	1821,2007	9605,8039	21238,4792
572,57159	ELU_TERMICAS	Max	1765,133	2115,311	54,825	1821,942	9606,8564	21238,4792
572,57159	ELU_GR1_TERMICAS	Max	1590,985	2439,461	65,907	2748,4743	9358,8229	21676,0138
572,57159	ELU_GR1_TERMICAS	Max	1590,985	2439,461	65,907	2749,2945	9359,754	21676,0138
575,33273	ELU_TERMICAS	Min	8,364	1238,192	-29,184	-2549,226	-2174,793	-2731,9339
575,33273	ELU_TERMICAS	Min	8,364	1238,192	-29,184	-2547,694	-2174,729	-2731,9339
575,33273	ELU_GR1_TERMICAS	Min	470,801	1136,573	-26,314	-3313,767	-40,9796	-2457,8746
575,33273	ELU_GR1_TERMICAS	Min	470,801	1136,573	-26,314	-3312,154	-40,6113	-2457,8746
575,33273	ELU_GR2	Min	307,312	1233,753	-48,078	-2550,933	-3909,941	-1483,1853
575,33273	ELU_GR2	Min	307,312	1233,753	-48,078	-2549,412	-3909,676	-1483,1853
575,33273	ELU_GR1_VIENTO	Min	1149,402	1143,328	-59,108	-3373,71	928,501	-554,1587
575,33273	ELU_GR1_VIENTO	Min	1149,402	1143,328	-59,108	-3372,104	929,2876	-554,1587
575,33273	ELU_VIENTO	Min	1169,526	1483,158	-59,615	-731,2391	464,5187	2842,4336
575,33273	ELU_VIENTO	Min	1169,526	1483,158	-59,615	-729,9372	465,2624	2842,4336
575,33273	ELU_VIENTO	Max	1355,383	2111,929	92,21	134,1995	10758,014	4738,2156
575,33273	ELU_VIENTO	Max	1355,383	2111,929	92,21	135,1138	10758,827	4738,2156
575,33273	ELU_GR1_VIENTO	Max	1411,464	3412,301	111,159	2904,8179	10725,687	12030,4341
575,33273	ELU_GR1_VIENTO	Max	1411,464	3412,301	111,159	2906,0913	10726,495	12030,4341
575,33273	ELU_GR2	Max	1841,324	3036,206	79,99	1818,8274	10159,395	13106,2063
575,33273	ELU_GR2	Max	1841,324	3036,206	79,99	1819,9915	10160,466	13106,2063
575,33273	ELU_GR1_TERMICAS	Max	1660,134	3423,899	90,275	2741,3469	9252,2235	15270,3162
575,33273	ELU_GR1_TERMICAS	Max	1660,134	3423,899	90,275	2742,6163	9253,1844	15270,3162

575,33273	ELU_TERMICAS	Max	1829,972	3037,481	82,697	1810,132	9484,8332	15322,698
575,33273	ELU_TERMICAS	Max	1829,972	3037,481	82,697	1811,289	9485,9134	15322,698
578,09386	ELU_TERMICAS	Min	54,216	1872,132	-30,521	-2633,32	-2169,983	-8731,5912
578,09386	ELU_TERMICAS	Min	54,216	1872,132	-30,521	-2631,237	-2169,881	-8731,5912
578,09386	ELU_GR1_TERMICAS	Min	518,9	1801,326	-19,414	-3338,053	-88,7943	-8619,4491
578,09386	ELU_GR1_TERMICAS	Min	518,9	1801,326	-19,414	-3335,862	-88,3884	-8619,4491
578,09386	ELU_GR2	Min	335,851	1867,522	-59,287	-2600,569	-3822,15	-7505,9268
578,09386	ELU_GR2	Min	335,851	1867,522	-59,287	-2598,498	-3821,857	-7505,9268
578,09386	ELU_GR1_VIENTO	Min	1192,419	1807,734	-59,296	-3342,559	955,1144	-6740,9602
578,09386	ELU_GR1_VIENTO	Min	1192,419	1807,734	-59,296	-3340,376	955,9355	-6740,9602
578,09386	ELU_VIENTO	Min	1200,483	2036,683	-72,731	-764,8875	595,1882	-2827,1549
578,09386	ELU_VIENTO	Min	1200,483	2036,683	-72,731	-763,0994	595,9613	-2827,1549
578,09386	ELU_VIENTO	Max	1419,5	2900,82	146,626	123,8662	10371,395	-1406,1183
578,09386	ELU_VIENTO	Max	1419,5	2900,82	146,626	125,1216	10372,237	-1406,1183
578,09386	ELU_GR1_VIENTO	Max	1486,017	4392,967	151,35	2985,6152	10462,853	3689,561
578,09386	ELU_GR1_VIENTO	Max	1486,017	4392,967	151,35	2987,3341	10463,693	3689,561
578,09386	ELU_GR2	Max	1926,164	3953,619	112,011	1885,3485	9981,2594	5419,8836
578,09386	ELU_GR2	Max	1926,164	3953,619	112,011	1886,925	9982,3691	5419,8836
578,09386	ELU_GR1_TERMICAS	Max	1729,066	4404,253	114,619	2849,8193	9101,2184	6885,8395
578,09386	ELU_GR1_TERMICAS	Max	1729,066	4404,253	114,619	2851,5345	9102,209	6885,8395
578,09386	ELU_TERMICAS	Max	1894,319	3954,946	110,546	1899,8027	9304,8477	7599,1855
578,09386	ELU_TERMICAS	Max	1894,319	3954,946	110,546	1901,3721	9305,9553	7599,1855
580,855	ELU_GR1_TERMICAS	Min	558,298	2366,873	-12,51	-3266,421	-157,4266	-18551,786
580,855	ELU_GR1_TERMICAS	Min	558,298	2366,873	-12,51	-3264,308	-157,0788	-18551,784
580,855	ELU_TERMICAS	Min	93,816	2433,357	-31,849	-2607,019	-2160,036	-18316,234
580,855	ELU_TERMICAS	Min	93,816	2433,357	-31,849	-2604,996	-2159,927	-18316,232
580,855	ELU_GR2	Min	358,208	2428,575	-70,968	-2540,5	-3700,199	-17113,338
580,855	ELU_GR2	Min	358,208	2428,575	-70,968	-2538,485	-3699,947	-17113,336
580,855	ELU_GR1_VIENTO	Min	1227,18	2372,999	-59,66	-3216,225	982,5313	-16700,124
580,855	ELU_GR1_VIENTO	Min	1227,18	2372,999	-59,66	-3214,117	983,2027	-16700,121
580,855	ELU_VIENTO	Min	1232,205	2590,316	-86,145	-660,3471	775,3864	-11961,312
580,855	ELU_VIENTO	Min	1232,205	2590,316	-86,145	-658,5623	776,0164	-11961,31
580,855	ELU_VIENTO	Max	1482,102	3689,656	201,34	210,2816	9843,7953	-7801,0685
580,855	ELU_VIENTO	Max	1482,102	3689,656	201,34	211,5347	9844,4783	-7801,0669
580,855	ELU_GR1_VIENTO	Max	1559,232	5363,548	191,703	3173,0991	10115,91	-5093,269
580,855	ELU_GR1_VIENTO	Max	1559,232	5363,548	191,703	3174,808	10116,595	-5093,2668
580,855	ELU_GR2	Max	2010,421	4862,681	144,586	2052,8841	9734,4197	-2721,5488
580,855	ELU_GR2	Max	2010,421	4862,681	144,586	2054,4527	9735,3199	-2721,5468
580,855	ELU_GR1_TERMICAS	Max	1797,281	5374,572	138,932	3064,8125	8908,4682	-1942,6798
580,855	ELU_GR1_TERMICAS	Max	1797,281	5374,572	138,932	3066,5186	8909,2683	-1942,6776
580,855	ELU_TERMICAS	Max	1957,863	4864,078	138,363	2090,1026	9068,5411	-579,9907



PROYECTO DE CONSTRUCCIÓN DE LA VARIANTE CV-35 A SU PASO POR EL MUNICIPIO DE CHELVA (PROVINCIA DE CASTELLÓN)



ALTERNATIVA NORTE. CÁLCULO SUPERESTRUCTURAS

580,855	ELU_TERMICAS	Max	1957,863	4864,078	138,363	2091,6656	9069,4314	-579,9886
582,4275	ELU_GR1_TERMICAS	Min	580,5	2683,599	-8,577	-3094,613	-188,7356	-25353,017
582,4275	ELU_GR1_TERMICAS	Min	580,5	2683,599	-8,577	-3092,913	-188,4719	-25353,017
582,4275	ELU_TERMICAS	Min	116,268	2749,382	-32,601	-2476,504	-2139,111	-24816,482
582,4275	ELU_TERMICAS	Min	116,268	2749,382	-32,601	-2474,873	-2139,021	-24816,482
582,4275	ELU_GR2	Min	370,875	2744,5	-77,826	-2391,064	-3602,034	-23626,362
582,4275	ELU_GR2	Min	370,875	2744,5	-77,826	-2389,439	-3601,843	-23626,362
582,4275	ELU_GR1_VIENTO	Min	1246,943	2689,592	-59,941	-3013,59	1015,6918	-23517,299
582,4275	ELU_GR1_VIENTO	Min	1246,943	2689,592	-59,941	-3011,894	1016,1895	-23517,299
582,4275	ELU_VIENTO	Min	1250,616	2905,668	-93,909	-526,3141	901,2349	-18137,934
582,4275	ELU_VIENTO	Min	1250,616	2905,668	-93,909	-524,8611	901,7019	-18137,934
582,4275	ELU_VIENTO	Max	1517,075	4138,887	232,621	311,673	9480,4716	-12127,279
582,4275	ELU_VIENTO	Max	1517,075	4138,887	232,621	312,6931	9480,9762	-12127,279
582,4275	ELU_GR1_VIENTO	Max	1601,104	5920,617	214,748	3510,9005	9900,2761	-10742,309
582,4275	ELU_GR1_VIENTO	Max	1601,104	5920,617	214,748	3512,2855	9900,7846	-10742,309
582,4275	ELU_GR2	Max	2058,716	5382,871	163,381	2328,949	9576,9617	-8053,931
582,4275	ELU_GR2	Max	2058,716	5382,871	163,381	2330,2208	9577,6277	-8053,931
582,4275	ELU_GR1_TERMICAS	Max	1836,586	5931,514	152,76	3418,2107	8799,7553	-7618,5941
582,4275	ELU_GR1_TERMICAS	Max	1836,586	5931,514	152,76	3419,5938	8800,3464	-7618,5941
582,4275	ELU_TERMICAS	Max	1994,27	5384,316	154,187	2378,9601	8923,2629	-5934,0911
582,4275	ELU_TERMICAS	Max	1994,27	5384,316	154,187	2380,228	8923,9185	-5934,0911
584	ELU_GR1_TERMICAS	Min	602,696	2999,641	-4,644	-2816,606	-221,2499	-33059,964
584	ELU_GR1_TERMICAS	Min	-120,47	-6478,65	-46,422	-3206,34	-92,3643	-32701,041
584	ELU_TERMICAS	Min	138,741	3065,133	-33,35	-2254,307	-2112,043	-32137,46
584	ELU_TERMICAS	Min	-489,05	-5925,63	-39,778	-2331,739	-1992,671	-31762,344
584	ELU_GR1_VIENTO	Min	1266,847	3005,523	-60,274	-2704,998	1055,1076	-31240,643
584	ELU_GR2	Min	383,592	3060,152	-84,83	-2150,184	-3487,568	-30959,945
584	ELU_GR1_VIENTO	Min	506,155	-6449,37	-135,551	-3398,742	1132,126	-30904,809
584	ELU_GR2	Min	-137,421	-5908,43	-63,166	-2393,11	-3408,813	-30559,076
584	ELU_VIENTO	Min	1269,279	3221,055	-101,759	-338,3922	1045,3283	-25021,088
584	ELU_VIENTO	Min	656,597	-4597,18	-167,439	-500,7706	1021,0472	-24731,292
584	ELU_VIENTO	Max	1551,553	4588,1	263,98	470,374	9072,452	-16949,644
584	ELU_VIENTO	Max	776,508	-3207,16	119,92	948,8504	9131,04	-16899,869
584	ELU_GR1_VIENTO	Max	1641,207	6456,795	237,835	3936,7252	9664,3582	-15431,329
584	ELU_GR1_VIENTO	Max	789,697	-3027,44	113,812	3373,9326	9535,6963	-15361,559
584	ELU_GR2	Max	2105,736	5885,534	182,349	2681,5417	9401,8699	-12811,021
584	ELU_GR2	Max	1112,51	-3069,85	89,002	2385,9749	9331,0966	-12798,79
584	ELU_GR1_TERMICAS	Max	1874,324	6467,583	166,576	3859,5817	8684,8222	-12335,06
584	ELU_GR1_TERMICAS	Max	1039,76	-3014,01	45,449	3180,1317	8537,2485	-12235,686
584	ELU_TERMICAS	Max	2029,341	5887,034	169,998	2744,2158	8765,1762	-10713,045
584	ELU_TERMICAS	Max	1204,196	-3059,38	32,64	2493,3482	8686,1814	-10620,339

586,37727	ELU_GR1_TERMICAS	Min	-60,6	-5590,2	-39,101	-2795,856	-10,3729	-21573,824
586,37727	ELU_GR1_TERMICAS	Min	-60,6	-5590,2	-39,101	-2794,049	-10,4111	-21573,823
586,37727	ELU_TERMICAS	Min	-432,868	-5103,23	-37,422	-1967,339	-1914,675	-21167,196
586,37727	ELU_TERMICAS	Min	-432,868	-5103,23	-37,422	-1965,685	-1914,509	-21167,195
586,37727	ELU_GR2	Min	-96,229	-5086,19	-50,282	-2053,721	-3457,612	-19916,273
586,37727	ELU_GR2	Min	-96,229	-5086,19	-50,282	-2052,061	-3457,616	-19916,272
586,37727	ELU_GR1_VIENTO	Min	560,822	-5560,55	-103,129	-3020,088	1011,8866	-19709,007
586,37727	ELU_GR1_VIENTO	Min	560,822	-5560,55	-103,129	-3018,266	1011,5439	-19709,006
586,37727	ELU_VIENTO	Min	696,35	-3917,87	-123,28	-308,1247	735,9445	-14589,844
586,37727	ELU_VIENTO	Min	696,35	-3917,87	-123,28	-306,774	735,6034	-14589,844
586,37727	ELU_VIENTO	Max	819,77	-2730,76	107,169	1233,9422	9451,9559	-9803,6096
586,37727	ELU_VIENTO	Max	819,77	-2730,76	107,169	1235,8485	9451,5544	-9803,6091
586,37727	ELU_GR1_VIENTO	Max	829,418	-2550,24	111,75	3394,7315	9642,2035	-7663,7585
586,37727	ELU_GR1_VIENTO	Max	829,418	-2550,24	111,75	3396,8996	9641,8211	-7663,7579
586,37727	ELU_GR2	Max	1163,813	-2592,58	89,85	2417,2742	9342,3305	-5146,0938
586,37727	ELU_GR2	Max	1163,813	-2592,58	89,85	2419,3883	9341,7794	-5146,0931
586,37727	ELU_GR1_TERMICAS	Max	1073,802	-2536,4	60,961	3145,558	8452,3111	-4434,0698
586,37727	ELU_GR1_TERMICAS	Max	1073,802	-2536,4	60,961	3147,7481	8451,809	-4434,0692
586,37727	ELU_TERMICAS	Max	1238,128	-2582,09	49,029	2489,6728	8632,8177	-2899,8426
586,37727	ELU_TERMICAS	Max	1238,128	-2582,09	49,029	2491,7968	8632,224	-2899,842
588,38864	ELU_GR1_TERMICAS	Min	-16,361	-4961,21	-34,473	-2604,219	66,2467	-13615,232
588,38864	ELU_GR1_TERMICAS	Min	-16,361	-4961,21	-34,473	-2605,675	66,3005	-13615,232
588,38864	ELU_TERMICAS	Min	-390,062	-4498,39	-38,046	-1792,215	-1836,051	-13540,999
588,38864	ELU_TERMICAS	Min	-390,062	-4498,39	-38,046	-1790,892	-1835,917	-13540,999
588,38864	ELU_GR2	Min	-66,058	-4481,47	-40,612	-1898,905	-3469,532	-12249,719
588,38864	ELU_GR2	Min	-66,058	-4481,47	-40,612	-1900,234	-3469,514	-12249,719
588,38864	ELU_GR1_VIENTO	Min	600,931	-4931,27	-75,58	-2856,228	931,3113	-11693,611
588,38864	ELU_GR1_VIENTO	Min	600,931	-4931,27	-75,58	-2857,697	931,6423	-11693,611
588,38864	ELU_VIENTO	Min	730,449	-3343,16	-85,732	-221,1038	511,9221	-7271,5958
588,38864	ELU_VIENTO	Min	730,449	-3343,16	-85,732	-222,1604	512,2501	-7271,5958
588,38864	ELU_VIENTO	Max	855,522	-2327,62	96,209	1370,6255	9636,5779	-4684,1591
588,38864	ELU_VIENTO	Max	855,522	-2327,62	96,209	1369,1358	9636,962	-4684,1591
588,38864	ELU_GR1_VIENTO	Max	862,456	-2144,36	109,895	3686,6161	9662,0403	-938,6244
588,38864	ELU_GR1_VIENTO	Max	862,456	-2144,36	109,895	3684,9092	9662,4061	-938,6244
588,38864	ELU_GR2	Max	1207,104	-2187,93	91,859	2616,5765	9296,3136	1224,3946
588,38864	ELU_GR2	Max	1207,104	-2187,93	91,859	2614,9121	9296,8374	1224,3946
588,38864	ELU_GR1_TERMICAS	Max	1102,4	-2130,2	75,649	3389,5008	8334,8031	2377,3404
588,38864	ELU_GR1_TERMICAS	Max	1102,4	-2130,2	75,649	3387,7738	8335,2766	2377,3404
588,38864	ELU_TERMICAS	Max	1266,596	-2177,4	65,51	2658,7182	8538,1064	3527,6815
588,38864	ELU_TERMICAS	Max	1266,596	-2177,4	65,51	2657,0447	8538,6635	3527,6815
590,4	ELU_TERMICAS	Min	-341,436	-3815,97	-38,666	-1572,551	-1762,136	-7148,0905



PROYECTO DE CONSTRUCCIÓN DE LA VARIANTE CV-35 A SU PASO POR EL MUNICIPIO DE CHELVA (PROVINCIA DE CASTELLÓN)



ALTERNATIVA NORTE. CÁLCULO SUPERESTRUCTURAS

590,4	ELU_TERMICAS	Min	-341,436	-3815,97	-38,666	-1573,694	-1762,254	-7148,0903
590,4	ELU_GR1_TERMICAS	Min	35,781	-4226,62	-29,845	-2333,112	127,4112	-7006,073
590,4	ELU_GR1_TERMICAS	Min	35,781	-4226,62	-29,845	-2334,374	127,4859	-7006,0728
590,4	ELU_GR2	Min	-30,018	-3799,18	-30,632	-1702,64	-3470,22	-5816,4224
590,4	ELU_GR2	Min	-30,018	-3799,18	-30,632	-1703,79	-3470,187	-5816,4222
590,4	ELU_GR1_VIENTO	Min	649,195	-4196,41	-47,939	-2613,697	849,061	-5028,7272
590,4	ELU_GR1_VIENTO	Min	649,195	-4196,41	-47,939	-2614,973	849,4193	-5028,727
590,4	ELU_VIENTO	Min	764,977	-2768,47	-48,03	-195,1936	306,0435	-1111,4975
590,4	ELU_VIENTO	Min	764,977	-2768,47	-48,03	-196,0946	306,3972	-1111,4973
590,4	ELU_VIENTO	Max	890,49	-1924,43	85,104	1420,9505	9743,09	-376,5726
590,4	ELU_VIENTO	Max	890,49	-1924,43	85,104	1419,6819	9743,5017	-376,5725
590,4	ELU_GR1_VIENTO	Max	895,297	-1680,27	107,945	3917,9466	9625,0199	5040,9738
590,4	ELU_GR1_VIENTO	Max	895,297	-1680,27	107,945	3916,4865	9625,4122	5040,974
590,4	ELU_GR2	Max	1250,503	-1740,61	93,617	2746,3853	9205,1889	6788,3299
590,4	ELU_GR2	Max	1250,503	-1740,61	93,617	2744,9592	9205,7471	6788,33
590,4	ELU_GR1_TERMICAS	Max	1131,137	-1665,82	90,328	3571,8483	8183,5524	8441,849
590,4	ELU_GR1_TERMICAS	Max	1131,137	-1665,82	90,328	3570,3676	8184,0538	8441,8491
590,4	ELU_TERMICAS	Max	1295,066	-1730,04	81,983	2757,6383	8404,5211	9148,3121
590,4	ELU_TERMICAS	Max	1295,066	-1730,04	81,983	2756,2027	8405,1079	9148,3123
592,53034	ELU_TERMICAS	Min	-290,752	-3095,48	-39,387	-1427,059	-1688,17	-2973,5292
592,53034	ELU_TERMICAS	Min	-290,752	-3095,48	-39,387	-1426,152	-1688,068	-2973,5292
592,53034	ELU_GR1_TERMICAS	Min	89,743	-3453,3	-25,008	-2146,201	176,4792	-2679,4298
592,53034	ELU_GR1_TERMICAS	Min	89,743	-3453,3	-25,008	-2147,203	176,5769	-2679,4298
592,53034	ELU_GR2	Min	7,396	-3078,82	-21,057	-1580,11	-3456,96	-1608,2833
592,53034	ELU_GR2	Min	7,396	-3078,82	-21,057	-1581,023	-3456,91	-1608,2833
592,53034	ELU_GR1_VIENTO	Min	699,323	-3422,81	-18,662	-2457,902	761,1158	-644,1925
592,53034	ELU_GR1_VIENTO	Min	699,323	-3422,81	-18,662	-2458,918	761,5034	-644,1925
592,53034	ELU_VIENTO	Min	802,012	-2159,83	-8,055	-221,2205	108,8937	2865,3876
592,53034	ELU_VIENTO	Min	802,012	-2159,83	-8,055	-221,9439	109,2751	2865,3876
592,53034	ELU_VIENTO	Max	926,661	-1497,32	73,22	1398,7969	9770,8632	4583,2211
592,53034	ELU_VIENTO	Max	926,661	-1497,32	73,22	1397,781	9771,304	4583,2211
592,53034	ELU_GR1_VIENTO	Max	934,22	-1127,71	105,83	4049,6676	9522,5965	11577,3502
592,53034	ELU_GR1_VIENTO	Max	934,22	-1127,71	105,83	4048,493	9523,0172	11577,3502
592,53034	ELU_GR2	Max	1299,837	-1222,03	96,524	2778,5038	9058,4894	12923,0141
592,53034	ELU_GR2	Max	1299,837	-1222,03	96,524	2777,3524	9059,0842	12923,0141
592,53034	ELU_GR1_TERMICAS	Max	1166,087	-1112,97	105,933	3650,607	7985,4037	15066,7351
592,53034	ELU_GR1_TERMICAS	Max	1166,087	-1112,97	105,933	3649,4115	7985,9346	15066,7351
592,53034	ELU_TERMICAS	Max	1328,473	-1211,42	99,489	2756,3674	8220,2903	15333,4093
592,53034	ELU_TERMICAS	Max	1328,473	-1211,42	99,489	2755,2062	8220,9084	15333,4093
594,66068	ELU_TERMICAS	Min	-240,007	-2403,57	-40,1	-1464,796	-1617,112	8,0486
594,66068	ELU_TERMICAS	Min	-240,007	-2403,57	-40,1	-1465,603	-1617,204	8,049

594,66068	ELU_GR1_TERMICAS	Min	143,476	-2720,79	-20,168	-2144,281	210,4939	444,2915
594,66068	ELU_GR1_TERMICAS	Min	143,476	-2720,79	-20,168	-2145,153	210,6302	444,292
594,66068	ELU_GR2	Min	44,94	-2387,05	-17,878	-1615,207	-3427,711	1403,6548
594,66068	ELU_GR2	Min	44,94	-2387,05	-17,878	-1616,001	-3427,635	1403,6552
594,66068	ELU_GR1_VIENTO	Min	749,508	-2690,05	10,702	-2446,085	673,6041	2536,3048
594,66068	ELU_GR1_VIENTO	Min	749,508	-2690,05	10,702	-2446,941	674,0713	2536,3052
594,66068	ELU_VIENTO	Min	839,535	-1551,22	32,062	-290,6273	-65,2908	5653,5421
594,66068	ELU_VIENTO	Min	839,535	-1551,22	32,062	-291,2242	-64,8324	5653,5425
594,66068	ELU_VIENTO	Max	961,947	-1070,16	61,689	1315,4727	9711,5271	8518,1047
594,66068	ELU_VIENTO	Max	961,947	-1070,16	61,689	1314,6382	9712,0524	8518,1053
594,66068	ELU_GR1_VIENTO	Max	971,904	-647,266	103,915	3954,2155	9354,5825	17079,8766
594,66068	ELU_GR1_VIENTO	Max	971,904	-647,266	103,915	3953,1845	9355,085	17079,8774
594,66068	ELU_GR2	Max	1348,534	-757,246	105,893	2670,4052	8859,7345	18049,96
594,66068	ELU_GR2	Max	1348,534	-757,246	105,893	2669,4345	8860,4411	18049,9607
594,66068	ELU_TERMICAS	Max	1361,139	-746,566	116,978	2642,1015	7992,3786	20507,0622
594,66068	ELU_TERMICAS	Max	1361,139	-746,566	116,978	2641,141	7993,1047	20507,0629
594,66068	ELU_GR1_TERMICAS	Max	1200,177	-632,27	121,52	3542,9539	7747,8633	20656,3812
594,66068	ELU_GR1_TERMICAS	Max	1200,177	-632,27	121,52	3541,9311	7748,4905	20656,382
597,42182	ELU_TERMICAS	Min	-174,044	-1479,65	-41,016	-1809,37	-1527,848	2513,4991
597,42182	ELU_TERMICAS	Min	-174,044	-1479,65	-41,016	-1808,943	-1527,78	2513,4991
597,42182	ELU_GR1_TERMICAS	Min	213,26	-1735,8	-13,892	-2468,109	233,9898	3133,4386
597,42182	ELU_GR1_TERMICAS	Min	213,26	-1735,8	-13,892	-2468,553	234,1791	3133,4386
597,42182	ELU_GR2	Min	93,908	-1463,31	-29,284	-1923,234	-3363,063	3948,7112
597,42182	ELU_GR2	Min	93,908	-1463,31	-29,284	-1923,647	-3362,95	3948,7112
597,42182	ELU_GR1_VIENTO	Min	815,125	-1704,76	25,047	-2709,939	563,0484	5297,4611
597,42182	ELU_GR1_VIENTO	Min	815,125	-1704,76	25,047	-2710,364	563,6086	5297,4611
597,42182	ELU_VIENTO	Min	888,9	-762,449	44,538	-424,6222	-254,1411	7905,2941
597,42182	ELU_VIENTO	Min	888,9	-762,449	44,538	-424,9542	-253,5931	7905,2941
597,42182	ELU_VIENTO	Max	1006,362	-516,411	85,107	1145,5775	9506,2154	11684,1431
597,42182	ELU_VIENTO	Max	1006,362	-516,411	85,107	1145,1212	9506,8357	11684,1431
597,42182	ELU_GR1_VIENTO	Max	1026,838	92,63	124,438	3747,8029	9043,218	21260,1288
597,42182	ELU_GR1_VIENTO	Max	1026,838	92,63	124,438	3747,2208	9043,8121	21260,1288
597,42182	ELU_GR2	Max	1416,518	-69,426	133,662	2497,042	8526,4406	22038,4136
597,42182	ELU_GR2	Max	1416,518	-69,426	133,662	2496,4999	8527,2723	22038,4136
597,42182	ELU_TERMICAS	Max	1408,203	-58,644	139,614	2491,9877	7634,9278	24555,5218
597,42182	ELU_TERMICAS	Max	1408,203	-58,644	139,614	2491,4571	7635,7713	24555,5218
597,42182	ELU_GR1_TERMICAS	Max	1251,022	107,918	141,693	3367,5007	7385,713	24947,6023
597,42182	ELU_GR1_TERMICAS	Max	1251,022	107,918	141,693	3366,9281	7386,4453	24947,6023
600,18295	ELU_TERMICAS	Min	-107,949	-567,799	-41,922	-2104,762	-1438,749	3484,2111
600,18295	ELU_TERMICAS	Min	-107,949	-567,799	-41,922	-2104,758	-1438,715	3484,2111
600,18295	ELU_GR1_TERMICAS	Min	282,936	-766,026	-7,616	-2715,685	237,3667	4287,3826



PROYECTO DE CONSTRUCCIÓN DE LA VARIANTE CV-35 A SU PASO POR EL MUNICIPIO DE CHELVA (PROVINCIA DE CASTELLÓN)



ALTERNATIVA NORTE. CÁLCULO SUPERESTRUCTURAS

600,18295	ELU_GR1_TERMICAS	Min	282,936	-766,026	-7,616	-2715,673	237,5911	4287,3826
600,18295	ELU_GR2	Min	143,148	-551,635	-42,406	-2181,931	-3264,443	4959,4357
600,18295	ELU_GR2	Min	143,148	-551,635	-42,406	-2181,921	-3264,301	4959,4357
600,18295	ELU_GR1_VIENTO	Min	881,122	-734,727	22,234	-2896,165	459,1395	6521,7352
600,18295	ELU_GR1_VIENTO	Min	881,122	-734,727	22,234	-2896,134	459,7326	6521,7352
600,18295	ELU_VIENTO	Min	939,096	15,958	28,422	-599,3233	-398,4774	8619,0369
600,18295	ELU_VIENTO	Min	939,096	15,958	28,422	-599,3071	-397,8985	8619,0369
600,18295	ELU_VIENTO	Max	1049,281	47,738	137,59	953,9103	9157,0116	12665,5492
600,18295	ELU_VIENTO	Max	1049,281	47,738	137,59	953,9334	9157,6584	12665,5492
600,18295	ELU_GR1_VIENTO	Max	1079,587	840,763	162,381	3548,3794	8627,4037	22474,936
600,18295	ELU_GR1_VIENTO	Max	1079,587	840,763	162,381	3548,4809	8628,0243	22474,936
600,18295	ELU_GR2	Max	1483,204	624,78	163,909	2320,9119	8107,773	23303,8593
600,18295	ELU_GR2	Max	1483,204	624,78	163,909	2320,9976	8108,638	23303,8593
600,18295	ELU_TERMICAS	Max	1453,825	635,686	163,292	2339,8032	7208,9725	25880,4186
600,18295	ELU_TERMICAS	Max	1453,825	635,686	163,292	2339,9003	7209,8394	25880,4186
600,18295	ELU_GR1_TERMICAS	Max	1300,328	856,294	162,477	3200,0005	6963,8317	26271,3309
600,18295	ELU_GR1_TERMICAS	Max	1300,328	856,294	162,477	3200,1116	6964,5883	26271,3309
602,94409	ELU_TERMICAS	Min	-51,985	114,266	-42,817	-2451,827	-1347,319	2364,4363
602,94409	ELU_TERMICAS	Min	-51,985	114,266	-42,817	-2451,272	-1347,318	2364,4363
602,94409	ELU_GR1_TERMICAS	Min	342,128	-31,166	-1,345	-3015,167	223,1897	3165,1615
602,94409	ELU_GR1_TERMICAS	Min	342,128	-31,166	-1,345	-3014,565	223,4491	3165,1615
602,94409	ELU_GR2	Min	182,415	130,258	-55,928	-2490,909	-3128,105	3880,2107
602,94409	ELU_GR2	Min	182,415	130,258	-55,928	-2490,34	-3127,936	3880,2107
602,94409	ELU_GR1_VIENTO	Min	937,126	0,359	19,306	-3132,92	364,7705	5468,2769
602,94409	ELU_GR1_VIENTO	Min	937,126	0,359	19,306	-3132,299	365,3967	5468,2769
602,94409	ELU_VIENTO	Min	980,132	570,414	12,128	-823,9652	-495,0967	7794,768
602,94409	ELU_VIENTO	Min	980,132	570,414	12,128	-823,4629	-494,4864	7794,768
602,94409	ELU_VIENTO	Max	1100,698	835,886	190,212	813,7965	8665,3674	11461,5523
602,94409	ELU_VIENTO	Max	1100,698	835,886	190,212	814,1611	8666,0397	11461,5523
602,94409	ELU_GR1_VIENTO	Max	1142,317	1821,837	200,39	3423,9166	8108,5626	20792,2216
602,94409	ELU_GR1_VIENTO	Max	1142,317	1821,837	200,39	3424,4712	8109,2091	20792,2216
602,94409	ELU_GR2	Max	1560,206	1547,24	194,968	2213,3545	7603,9988	21897,1276
602,94409	ELU_GR2	Max	1560,206	1547,24	194,968	2213,8587	7604,8969	21897,1276
602,94409	ELU_TERMICAS	Max	1509,639	1558,293	187,422	2256,8782	6716,3377	24532,6359
602,94409	ELU_TERMICAS	Max	1509,639	1558,293	187,422	2257,3937	6717,2277	24532,6359
602,94409	ELU_GR1_TERMICAS	Max	1360,262	1837,566	183,516	3108,4324	6483,9609	24695,6552
602,94409	ELU_GR1_TERMICAS	Max	1360,262	1837,566	183,516	3108,9967	6484,7418	24695,6552
605,70523	ELU_TERMICAS	Min	-3,072	784,291	-43,7	-2750,185	-1251,79	-399,2913
605,70523	ELU_TERMICAS	Min	-3,072	784,291	-43,7	-2749,052	-1251,752	-399,2912
605,70523	ELU_GR1_TERMICAS	Min	393,799	685,192	4,926	-3262,271	193,0326	361,9155
605,70523	ELU_GR1_TERMICAS	Min	393,799	685,192	4,926	-3261,053	193,3279	361,9156

605,70523	ELU_GR2	Min	214,803	800,117	-69,832	-2750,23	-2951,144	1157,7043
605,70523	ELU_GR2	Min	214,803	800,117	-69,832	-2749,083	-2950,946	1157,7043
605,70523	ELU_GR1_VIENTO	Min	986,104	716,908	16,282	-3315,922	281,8044	2732,3401
605,70523	ELU_GR1_VIENTO	Min	986,104	716,908	16,282	-3314,685	282,4634	2732,3401
605,70523	ELU_VIENTO	Min	1015,355	1124,809	-4,318	-1010,196	-540,8613	5432,9442
605,70523	ELU_VIENTO	Min	1015,355	1124,809	-4,318	-1009,211	-540,2213	5432,9442
605,70523	ELU_VIENTO	Max	1157,263	1624,141	242,936	700,9809	8032,8364	8072,0308
605,70523	ELU_VIENTO	Max	1157,263	1624,141	242,936	701,6845	8033,5308	8072,0308
605,70523	ELU_GR1_VIENTO	Max	1211,622	2806,233	238,437	3345,6158	7488,5995	16158,2448
605,70523	ELU_GR1_VIENTO	Max	1211,622	2806,233	238,437	3346,6171	7489,2689	16158,2449
605,70523	ELU_GR2	Max	1644,096	2470,285	226,527	2145,9707	7015,669	17777,9201
605,70523	ELU_GR2	Max	1644,096	2470,285	226,527	2146,8884	7016,5964	17777,9201
605,70523	ELU_GR1_TERMICAS	Max	1427,421	2822,111	204,504	3064,0015	5948,2772	20167,0005
605,70523	ELU_GR1_TERMICAS	Max	1427,421	2822,111	204,504	3065,0125	5949,079	20167,0005
605,70523	ELU_TERMICAS	Max	1572,235	2481,509	211,497	2214,8024	6159,1154	20471,9333
605,70523	ELU_TERMICAS	Max	1572,235	2481,509	211,497	2215,7314	6160,025	20471,9333
608,46636	ELU_TERMICAS	Min	42,803	1442,077	-44,557	-2947,126	-1156,343	-4698,9242
608,46636	ELU_TERMICAS	Min	42,803	1442,077	-44,557	-2945,552	-1156,266	-4698,9241
608,46636	ELU_GR1_TERMICAS	Min	441,102	1382,925	11,09	-3400,986	140,4087	-3980,8511
608,46636	ELU_GR1_TERMICAS	Min	441,102	1382,925	11,09	-3399,314	140,7323	-3980,851
608,46636	ELU_GR2	Min	244,342	1457,741	-84,162	-2908,027	-2736,715	-3099,7595
608,46636	ELU_GR2	Min	244,342	1457,741	-84,162	-2906,44	-2736,493	-3099,7594
608,46636	ELU_GR1_VIENTO	Min	1031,209	1414,797	12,902	-3390,366	204,0333	-1544,2831
608,46636	ELU_GR1_VIENTO	Min	1031,209	1414,797	12,902	-3388,676	204,7018	-1544,283
608,46636	ELU_VIENTO	Min	1051,414	1679,146	-21,156	-1119,335	-532,4472	1534,7645
608,46636	ELU_VIENTO	Min	1051,414	1679,146	-21,156	-1117,937	-531,8073	1534,7646
608,46636	ELU_VIENTO	Max	1212,41	2412,496	295,428	642,7132	7261,3344	2497,2301
608,46636	ELU_VIENTO	Max	1212,41	2412,496	295,428	643,7067	7262,0178	2497,2302
608,46636	ELU_GR1_VIENTO	Max	1280,249	3789,421	276,213	3358,61	6769,7416	8652,2261
608,46636	ELU_GR1_VIENTO	Max	1280,249	3789,421	276,213	3359,9879	6770,4021	8652,2264
608,46636	ELU_GR2	Max	1727,751	3390,645	258,16	2158,0546	6343,7089	11004,3764
608,46636	ELU_GR2	Max	1727,751	3390,645	258,16	2159,3212	6344,6221	11004,3766
608,46636	ELU_GR1_TERMICAS	Max	1494,541	3805,403	225,086	3111,1132	5359,2716	12765,0328
608,46636	ELU_GR1_TERMICAS	Max	1494,541	3805,403	225,086	3112,5004	5360,0574	12765,033
608,46636	ELU_TERMICAS	Max	1634,518	3402,062	235,112	2252,3777	5539,7462	13756,6213
608,46636	ELU_TERMICAS	Max	1634,518	3402,062	235,112	2253,6549	5540,6333	13756,6215
611,2275	ELU_TERMICAS	Min	84,708	2033,129	-45,338	-2997,865	-1062,113	-12230,127
611,2275	ELU_TERMICAS	Min	84,708	2033,129	-45,338	-2995,95	-1062,008	-12230,127
611,2275	ELU_GR1_TERMICAS	Min	482,929	1989,585	16,783	-3387,654	63,6975	-11668,283
611,2275	ELU_GR1_TERMICAS	Min	482,929	1989,585	16,783	-3385,628	64,031	-11668,283
611,2275	ELU_GR2	Min	270,13	2048,632	-99,081	-2922,425	-2484,578	-10587,179



PROYECTO DE CONSTRUCCIÓN DE LA VARIANTE CV-35 A SU PASO POR EL MUNICIPIO DE CHELVA (PROVINCIA DE CASTELLÓN)



ALTERNATIVA NORTE. CÁLCULO SUPERESTRUCTURAS

611,2275	ELU_GR2	Min	270,13	2048,632	-99,081	-2920,498	-2484,344	-10587,179
611,2275	ELU_GR1_VIENTO	Min	1071,322	2021,579	8,238	-3316,878	131,098	-9165,9394
611,2275	ELU_GR1_VIENTO	Min	1071,322	2021,579	8,238	-3314,835	131,7469	-9165,9392
611,2275	ELU_VIENTO	Min	1088,261	2233,427	-39,275	-1119,084	-465,0979	-5521,1146
611,2275	ELU_VIENTO	Min	1088,261	2233,427	-39,275	-1117,379	-464,4823	-5521,1144
611,2275	ELU_VIENTO	Max	1266,522	3200,925	346,616	661,9608	6354,788	-3638,8074
611,2275	ELU_VIENTO	Max	1266,522	3200,925	346,616	663,1691	6355,4349	-3638,8073
611,2275	ELU_GR1_VIENTO	Max	1348,069	4766,086	312,71	3502,3629	5972,8943	206,4337
611,2275	ELU_GR1_VIENTO	Max	1348,069	4766,086	312,71	3504,0122	5973,5461	206,4338
611,2275	ELU_GR2	Max	1811,078	4304,482	288,408	2281,4136	5604,4196	3369,219
611,2275	ELU_GR2	Max	1811,078	4304,482	288,408	2282,9324	5605,3037	3369,2192
611,2275	ELU_GR1_TERMICAS	Max	1561,411	4782,131	244,06	3286,6339	4738,5155	4423,2645
611,2275	ELU_GR1_TERMICAS	Max	1561,411	4782,131	244,06	3288,2918	4739,2816	4423,2647
611,2275	ELU_TERMICAS	Max	1696,452	4316,111	256,887	2399,6799	4875,9048	6179,9403
611,2275	ELU_TERMICAS	Max	1696,452	4316,111	256,887	2401,2083	4876,7566	6179,9404
613,98864	ELU_TERMICAS	Min	124,949	2588,31	-46,043	-2944,327	-964,854	-22767,955
613,98864	ELU_TERMICAS	Min	124,949	2588,31	-46,043	-2942,445	-964,7436	-22767,954
613,98864	ELU_GR1_TERMICAS	Min	522,383	2546,496	21,975	-3285,453	-30,1325	-22585,968
613,98864	ELU_GR1_TERMICAS	Min	522,383	2546,496	21,975	-3283,472	-29,8411	-22585,967
613,98864	ELU_GR2	Min	294,463	2603,653	-114,557	-2835,759	-2188,689	-21079,354
613,98864	ELU_GR2	Min	294,463	2603,653	-114,557	-2833,868	-2188,481	-21079,353
613,98864	ELU_GR1_VIENTO	Min	1109,504	2578,581	2,229	-3159,215	72,3113	-20017,889
613,98864	ELU_GR1_VIENTO	Min	1109,504	2578,581	2,229	-3157,219	72,8522	-20017,888
613,98864	ELU_VIENTO	Min	1125,824	2787,658	-58,72	-995,4085	-334,0657	-15435,398
613,98864	ELU_VIENTO	Min	1125,824	2787,658	-58,72	-993,7216	-333,5546	-15435,397
613,98864	ELU_VIENTO	Max	1319,828	3989,412	396,389	768,5987	5317,8285	-10632,259
613,98864	ELU_VIENTO	Max	1319,828	3989,412	396,389	769,7922	5318,357	-10632,258
613,98864	ELU_GR1_VIENTO	Max	1414,865	5731,208	347,835	3722,7981	5133,2623	-9101,9214
613,98864	ELU_GR1_VIENTO	Max	1414,865	5731,208	347,835	3724,4067	5133,8018	-9101,9203
613,98864	ELU_GR2	Max	1893,903	5208,665	317,092	2477,8458	4825,9442	-5207,7704
613,98864	ELU_GR2	Max	1893,903	5208,665	317,092	2479,3292	4826,6718	-5207,7693
613,98864	ELU_GR1_TERMICAS	Max	1627,741	5747,282	261,336	3536,1231	4122,1496	-4780,6282
613,98864	ELU_GR1_TERMICAS	Max	1627,741	5747,282	261,336	3537,7385	4122,7796	-4780,6271
613,98864	ELU_TERMICAS	Max	1757,886	5220,519	276,715	2618,2467	4196,8832	-2338,0796
613,98864	ELU_TERMICAS	Max	1757,886	5220,519	276,715	2619,7377	4197,5787	-2338,0786
616	ELU_GR1_TERMICAS	Min	550,379	2950,467	25,444	-3118,267	-102,4817	-32987,491
616	ELU_GR1_TERMICAS	Min	-232,374	-6521,38	-5,798	-3190,189	16,7725	-32883,634
616	ELU_TERMICAS	Min	153,74	2992,052	-46,51	-2813,074	-887,8562	-32549,888
616	ELU_TERMICAS	Min	-425,632	-6032,93	-27,24	-2487,104	-781,8198	-32477,092
616	ELU_GR2	Min	311,793	3007,275	-126,153	-2682,491	-1940,342	-30826,759
616	ELU_GR2	Min	-246,907	-5976,46	-5,086	-2679,393	-1863,133	-30822,749

616	ELU_GR1_VIENTO	Min	1136,826	2982,599	-2,986	-2954,706	46,6344	-30371,403
616	ELU_GR1_VIENTO	Min	118,173	-6416,42	-4,735	-3385,206	134,908	-30245,842
616	ELU_VIENTO	Min	1153,593	3191,364	-73,707	-824,4755	-195,9899	-24029,035
616	ELU_VIENTO	Min	254,413	-4605,55	-11,701	-735,5617	-200,8358	-23968,162
616	ELU_VIENTO	Max	396,153	-3237,13	124,699	956,2966	4515,4166	-16789,59
616	ELU_VIENTO	Max	1358,269	4563,82	431,748	903,4967	4483,0074	-16692,949
616	ELU_GR1_VIENTO	Max	396,416	-3180,4	127,631	2952,9753	4349,232	-15335,745
616	ELU_GR1_VIENTO	Max	1462,217	6413,123	372,556	4127,5997	4482,0429	-15242,514
616	ELU_GR2	Max	1953,488	5851,978	336,97	2813,0368	4225,6664	-11259,793
616	ELU_GR2	Max	605,179	-3000,27	114,383	2007,5565	4156,0466	-11172,652
616	ELU_GR1_TERMICAS	Max	1675,016	6429,198	272,855	3960,2985	3663,8291	-10844,65
616	ELU_GR1_TERMICAS	Max	536,7	-2993,58	106,22	2581,5081	3524,5719	-10788,11
616	ELU_TERMICAS	Max	1801,897	5864,002	289,939	2968,3597	3684,7192	-8346,7392
616	ELU_TERMICAS	Max	635,717	-2885,93	105,795	1929,1616	3606,8222	-8201,2016
617,75545	ELU_GR1_TERMICAS	Min	-189,639	-5868,73	-4,014	-2759,809	33,1904	-24264,057
617,75545	ELU_GR1_TERMICAS	Min	-189,639	-5868,73	-4,014	-2758,483	33,2065	-24264,057
617,75545	ELU_TERMICAS	Min	-385,367	-5430,76	-27,386	-2177,082	-727,1321	-24085,134
617,75545	ELU_TERMICAS	Min	-385,367	-5430,76	-27,386	-2175,877	-727,0527	-24085,134
617,75545	ELU_GR2	Min	-216,822	-5374,45	2,436	-2352,528	-1866,895	-22536,607
617,75545	ELU_GR2	Min	-216,822	-5374,45	2,436	-2351,291	-1866,865	-22536,607
617,75545	ELU_GR1_VIENTO	Min	159,618	-5763,71	13,224	-2923,346	13,1592	-21816,65
617,75545	ELU_GR1_VIENTO	Min	159,618	-5763,71	13,224	-2924,724	13,2366	-21816,65
617,75545	ELU_VIENTO	Min	287,951	-4104,22	15,093	-590,6601	-400,5885	-16311,751
617,75545	ELU_VIENTO	Min	287,951	-4104,22	15,093	-591,7584	-400,5115	-16311,751
617,75545	ELU_VIENTO	Max	422,35	-2884,93	108,234	1072,0441	4512,8059	-11394,205
617,75545	ELU_VIENTO	Max	422,35	-2884,93	108,234	1071,2721	4512,9189	-11394,205
617,75545	ELU_GR1_VIENTO	Max	422,012	-2827,62	119,537	3196,1563	4273,0284	-9866,2625
617,75545	ELU_GR1_VIENTO	Max	422,012	-2827,62	119,537	3197,0947	4272,9241	-9866,2624
617,75545	ELU_GR2	Max	642,91	-2647,85	107,829	2229,2193	4010,8347	-6084,7261
617,75545	ELU_GR2	Max	642,91	-2647,85	107,829	2228,2972	4010,9988	-6084,7261
617,75545	ELU_GR1_TERMICAS	Max	561,158	-2640,75	111,77	2840,7731	3357,1632	-5655,0047
617,75545	ELU_GR1_TERMICAS	Max	561,158	-2640,75	111,77	2839,8051	3357,3047	-5655,0047
617,75545	ELU_TERMICAS	Max	660,061	-2533,44	112,034	2160,6644	3433,4397	-3318,6757
617,75545	ELU_TERMICAS	Max	660,061	-2533,44	112,034	2161,6026	3433,2674	-3318,6756
619,51091	ELU_GR1_TERMICAS	Min	-150,522	-5294,76	-2,39	-2566,856	42,4953	-16671,824
619,51091	ELU_GR1_TERMICAS	Min	-150,522	-5294,76	-2,39	-2566,041	42,5007	-16671,824
619,51091	ELU_TERMICAS	Min	-347,602	-4884,31	-27,553	-2052,061	-675,9933	-16632,859
619,51091	ELU_TERMICAS	Min	-347,602	-4884,31	-27,553	-2051,339	-675,9341	-16632,858
619,51091	ELU_GR2	Min	-189,149	-4828,14	1,243	-2213,768	-1856,084	-15189,848
619,51091	ELU_GR2	Min	-189,149	-4828,14	1,243	-2213,019	-1856,065	-15189,848
619,51091	ELU_GR1_VIENTO	Min	197,652	-5189,7	30,818	-2706,541	-98,1387	-14414,682



PROYECTO DE CONSTRUCCIÓN DE LA VARIANTE CV-35 A SU PASO POR EL MUNICIPIO DE CHELVA (PROVINCIA DE CASTELLÓN)



ALTERNATIVA NORTE. CÁLCULO SUPERESTRUCTURAS

619,51091	ELU_GR1_VIENTO	Min	197,652	-5189,7	30,818	-2705,682	-98,2123	-14414,682
619,51091	ELU_VIENTO	Min	321,829	-3602,92	41,527	-522,8194	-574,6566	-9536,5647
619,51091	ELU_VIENTO	Min	321,829	-3602,92	41,527	-522,1681	-574,7296	-9536,5645
619,51091	ELU_VIENTO	Max	448,193	-2532,7	91,46	1155,4209	4461,066	-6618,6954
619,51091	ELU_VIENTO	Max	448,193	-2532,7	91,46	1156,1623	4460,9642	-6618,6952
619,51091	ELU_GR1_VIENTO	Max	447,93	-2443,83	111,142	3361,7884	4150,6656	-3540,5198
619,51091	ELU_GR1_VIENTO	Max	447,93	-2443,83	111,142	3362,6656	4150,5708	-3540,5196
619,51091	ELU_GR2	Max	681,055	-2272,46	109,703	2382,5522	3834,061	-541,6353
619,51091	ELU_GR2	Max	681,055	-2272,46	109,703	2383,4175	3833,9137	-541,6351
619,51091	ELU_GR1_TERMICAS	Max	586,153	-2256,94	117,152	3017,7923	3164,6976	334,5618
619,51091	ELU_GR1_TERMICAS	Max	586,153	-2256,94	117,152	3018,6947	3164,5715	334,562
619,51091	ELU_TERMICAS	Max	684,804	-2157,98	118,189	2323,9857	3237,0139	2018,8189
619,51091	ELU_TERMICAS	Max	684,804	-2157,98	118,189	2324,8646	3236,8619	2018,8191
620,95545	ELU_GR1_TERMICAS	Min	-117,741	-4824,39	-1,148	-2423,26	45,536	-11225,353
620,95545	ELU_GR1_TERMICAS	Min	-117,741	-4824,39	-1,148	-2422,65	45,535	-11225,353
620,95545	ELU_TERMICAS	Min	-316,141	-4436,51	-27,681	-1965,896	-636,0394	-11217,73
620,95545	ELU_TERMICAS	Min	-316,141	-4436,51	-27,681	-1965,36	-635,9953	-11217,73
620,95545	ELU_GR2	Min	-165,93	-4380,48	-7,599	-2118,489	-1835,429	-9861,3055
620,95545	ELU_GR2	Min	-165,93	-4380,48	-7,599	-2117,93	-1835,417	-9861,3055
620,95545	ELU_GR1_VIENTO	Min	229,686	-4719,3	45,046	-2544,964	-181,0647	-9124,6293
620,95545	ELU_GR1_VIENTO	Min	229,686	-4719,3	45,046	-2545,611	-180,9975	-9124,6293
620,95545	ELU_VIENTO	Min	349,942	-3190,42	63,031	-500,8203	-697,7233	-4622,5738
620,95545	ELU_VIENTO	Min	349,942	-3190,42	63,031	-501,3048	-697,6566	-4622,5738
620,95545	ELU_VIENTO	Max	469,223	-2242,84	77,403	1196,0696	4382,2602	-3154,2053
620,95545	ELU_VIENTO	Max	469,223	-2242,84	77,403	1195,5183	4382,3497	-3154,2053
620,95545	ELU_GR1_VIENTO	Max	469,751	-2097,32	103,983	3555,6036	4025,7619	1257,1029
620,95545	ELU_GR1_VIENTO	Max	469,751	-2097,32	103,983	3554,9464	4025,8457	1257,1029
620,95545	ELU_GR2	Max	712,921	-1941,07	118,726	2540,8128	3671,8533	3563,5416
620,95545	ELU_GR2	Max	712,921	-1941,07	118,726	2540,1632	3671,9825	3563,5416
620,95545	ELU_GR1_TERMICAS	Max	607,362	-1910,4	121,269	3219,8499	2997,7164	4855,7778
620,95545	ELU_GR1_TERMICAS	Max	607,362	-1910,4	121,269	3219,1717	2997,8264	4855,7778
620,95545	ELU_TERMICAS	Max	705,634	-1826,52	122,897	2488,5191	3065,6079	5954,6806
620,95545	ELU_TERMICAS	Max	705,634	-1826,52	122,897	2487,8581	3065,7395	5954,6806
622,4	ELU_GR1_TERMICAS	Min	-80,248	-4288,62	0,009596	-2270,521	44,9975	-6435,1075
622,4	ELU_GR1_TERMICAS	Min	-80,248	-4288,62	0,009596	-2271,201	45,0063	-6435,107
622,4	ELU_TERMICAS	Min	-281,272	-3941,05	-27,801	-1877,832	-597,4887	-6423,5276
622,4	ELU_TERMICAS	Min	-281,272	-3941,05	-27,801	-1878,426	-597,5388	-6423,5271
622,4	ELU_GR2	Min	-139,251	-3885,14	-16,553	-2023,128	-1803,471	-5153,4559
622,4	ELU_GR2	Min	-139,251	-3885,14	-16,553	-2023,751	-1803,48	-5153,4554
622,4	ELU_GR1_VIENTO	Min	266,553	-4183,51	46,027	-2378,369	-255,1677	-4490,6259
622,4	ELU_GR1_VIENTO	Min	266,553	-4183,51	46,027	-2379,096	-255,0727	-4490,6255

622,4	ELU_VIENTO	Min	378,252	-2777,93	62,607	-500,45	-801,5153	-305,7432
622,4	ELU_VIENTO	Min	378,252	-2777,93	62,607	-501,0004	-801,4213	-305,7428
622,4	ELU_VIENTO	Max	490,066	-1952,97	84,822	1212,1019	4271,721	-109,9297
622,4	ELU_VIENTO	Max	490,066	-1952,97	84,822	1211,476	4271,8429	-109,9294
622,4	ELU_GR1_VIENTO	Max	493,748	-1694,67	109,623	3804,4777	3880,8606	5814,3766
622,4	ELU_GR1_VIENTO	Max	493,748	-1694,67	109,623	3803,718	3880,9754	5814,3771
622,4	ELU_GR2	Max	746,483	-1568,45	127,518	2728,8923	3496,0577	7375,8656
622,4	ELU_GR2	Max	746,483	-1568,45	127,518	2728,1406	3496,2332	7375,866
622,4	ELU_GR1_TERMICAS	Max	630,868	-1507,75	125,104	3475,3144	2825,0731	9136,9084
622,4	ELU_GR1_TERMICAS	Max	630,868	-1507,75	125,104	3474,5273	2825,2219	9136,9089
622,4	ELU_TERMICAS	Max	728,155	-1453,82	127,283	2681,85	2886,9397	9597,5802
622,4	ELU_TERMICAS	Max	728,155	-1453,82	127,283	2681,0834	2887,1165	9597,5806
625,09716	ELU_GR1_TERMICAS	Min	-12,494	-3309,22	1,943	-2452,184	36,4709	-947,3104
625,09716	ELU_GR1_TERMICAS	Min	-12,494	-3309,22	1,943	-2452,7	36,4967	-947,3104
625,09716	ELU_TERMICAS	Min	-217,603	-3027,91	-28,001	-2054,656	-527,8611	-941,4762
625,09716	ELU_TERMICAS	Min	-217,603	-3027,91	-28,001	-2054,213	-527,8195	-941,4762
625,09716	ELU_GR2	Min	-90,746	-2972,26	-33,675	-2190,511	-1710,96	167,6642
625,09716	ELU_GR2	Min	-90,746	-2972,26	-33,675	-2190,988	-1710,958	167,6642
625,09716	ELU_GR1_VIENTO	Min	333,422	-3204,1	31,454	-2540,681	-367,1169	725,5978
625,09716	ELU_GR1_VIENTO	Min	333,422	-3204,1	31,454	-2540,11	-367,2411	725,5979
625,09716	ELU_VIENTO	Min	431,571	-2007,79	34,881	-534,6372	-940,8333	4318,4242
625,09716	ELU_VIENTO	Min	431,571	-2007,79	34,881	-535,0931	-940,7104	4318,4242
625,09716	ELU_VIENTO	Max	528,555	-1411,7	123,605	1199,6885	3982,9496	6286,2871
625,09716	ELU_VIENTO	Max	528,555	-1411,7	123,605	1200,2057	3982,7992	6286,2872
625,09716	ELU_GR1_VIENTO	Max	540,148	-984,346	134,878	3886,5924	3552,9507	14212,9688
625,09716	ELU_GR1_VIENTO	Max	540,148	-984,346	134,878	3887,1611	3552,8077	14212,9689
625,09716	ELU_GR2	Max	810,607	-904,49	143,286	2784,0137	3131,2757	14659,9758
625,09716	ELU_GR2	Max	810,607	-904,49	143,286	2783,4271	3131,4918	14659,9758
625,09716	ELU_TERMICAS	Max	771,588	-789,717	134,615	2743,6863	2534,3252	16564,7486
625,09716	ELU_TERMICAS	Max	771,588	-789,717	134,615	2744,29	2534,112	16564,7487
625,09716	ELU_GR1_TERMICAS	Max	676,644	-797,426	131,513	3565,8028	2483,9844	17040,3187
625,09716	ELU_GR1_TERMICAS	Max	676,644	-797,426	131,513	3566,403	2483,8026	17040,3188
627,79432	ELU_TERMICAS	Min	-152,96	-2109,39	-28,169	-2121,47	-459,4109	2954,4979
627,79432	ELU_TERMICAS	Min	-152,96	-2109,39	-28,169	-2121,267	-459,389	2954,4979
627,79432	ELU_GR1_TERMICAS	Min	56,373	-2325,6	3,583	-2493,019	20,9564	2979,4676
627,79432	ELU_GR1_TERMICAS	Min	56,373	-2325,6	3,583	-2493,272	20,9916	2979,4676
627,79432	ELU_GR2	Min	-41,119	-2053,99	-51,125	-2253,715	-1573,547	3887,9345
627,79432	ELU_GR2	Min	-41,119	-2053,99	-51,125	-2253,946	-1573,533	3887,9345
627,79432	ELU_GR1_VIENTO	Min	401,73	-2220,48	16,112	-2568,963	-441,0953	4419,1546
627,79432	ELU_GR1_VIENTO	Min	401,73	-2220,48	16,112	-2569,262	-440,9771	4419,1546
627,79432	ELU_VIENTO	Min	485,418	-1237,7	6,394	-597,8681	-1005,909	7420,3442



PROYECTO DE CONSTRUCCIÓN DE LA VARIANTE CV-35 A SU PASO POR EL MUNICIPIO DE CHELVA (PROVINCIA DE CASTELLÓN)



ALTERNATIVA NORTE. CÁLCULO SUPERESTRUCTURAS

627,79432	ELU_VIENTO	Min	485,418	-1237,7	6,394	-598,1062	-1005,792	7420,3442
627,79432	ELU_VIENTO	Max	566,635	-870,405	161,577	1155,4492	3589,1314	10656,7703
627,79432	ELU_VIENTO	Max	566,635	-870,405	161,577	1155,1803	3589,2677	10656,7703
627,79432	ELU_GR2	Max	872,153	-307,351	158,161	2625,036	2722,6325	19480,5208
627,79432	ELU_GR2	Max	872,153	-307,351	158,161	2624,7185	2722,8279	19480,5208
627,79432	ELU_GR1_VIENTO	Max	582,761	-363,256	159,343	3695,2199	3154,6384	19831,5294
627,79432	ELU_GR1_VIENTO	Max	582,761	-363,256	159,343	3694,9224	3154,7689	19831,5294
627,79432	ELU_TERMICAS	Max	812,437	-192,422	140,83	2589,4427	2160,7539	21052,3476
627,79432	ELU_TERMICAS	Max	812,437	-192,422	140,83	2589,7747	2160,5645	21052,3477
627,79432	ELU_GR1_TERMICAS	Max	718,937	-176,355	136,947	3378,3246	2123,1332	22202,4377
627,79432	ELU_GR1_TERMICAS	Max	718,937	-176,355	136,947	3378,0005	2123,2965	22202,4377
630,55545	ELU_TERMICAS	Min	-85,623	-1163,13	-28,31	-2179,554	-394,2784	5426,2085
630,55545	ELU_TERMICAS	Min	-85,623	-1163,13	-28,31	-2179,529	-394,2739	5426,2085
630,55545	ELU_GR1_TERMICAS	Min	128,429	-1312,39	4,959	-2528,38	-6,7506	5482,4413
630,55545	ELU_GR1_TERMICAS	Min	128,429	-1312,39	4,959	-2528,432	-6,7082	5482,4413
630,55545	ELU_GR2	Min	10,968	-1107,97	-69,29	-2312,49	-1388,993	6181,9935
630,55545	ELU_GR2	Min	10,968	-1107,97	-69,29	-2312,538	-1388,971	6181,9935
630,55545	ELU_GR1_VIENTO	Min	473,485	-1207,28	-0,385	-2598,862	-480,2586	6683,8957
630,55545	ELU_GR1_VIENTO	Min	473,485	-1207,28	-0,385	-2598,951	-480,149	6683,8957
630,55545	ELU_VIENTO	Min	540,974	-449,363	-23,547	-678,9586	-991,4064	9080,0265
630,55545	ELU_VIENTO	Min	540,974	-449,363	-23,547	-678,871	-991,5119	9080,0266
630,55545	ELU_VIENTO	Max	605,348	-316,252	199,606	1109,2188	3081,3159	12971,6036
630,55545	ELU_VIENTO	Max	605,348	-316,252	199,606	1109,1572	3081,4339	12971,6036
630,55545	ELU_GR2	Max	940,171	383,968	172,406	2638,4308	2265,8331	21625,36
630,55545	ELU_GR2	Max	940,171	383,968	172,406	2638,5066	2265,6615	21625,3601
630,55545	ELU_GR1_VIENTO	Max	633,027	383,884	183,57	3753,3486	2683,3863	22516,4774
630,55545	ELU_GR1_VIENTO	Max	633,027	383,884	183,57	3753,2998	2683,5036	22516,4774
630,55545	ELU_TERMICAS	Max	859,272	499,063	146,042	2605,3145	1764,0328	22857,2604
630,55545	ELU_TERMICAS	Max	859,272	499,063	146,042	2605,2269	1764,1965	22857,2604
630,55545	ELU_GR1_TERMICAS	Max	769,114	570,755	141,502	3436,4904	1743,3291	24421,0661
630,55545	ELU_GR1_TERMICAS	Max	769,114	570,755	141,502	3436,4201	1743,473	24421,0661
633,31659	ELU_TERMICAS	Min	-17,668	-330,983	-28,419	-2228,467	-335,3854	6363,463
633,31659	ELU_TERMICAS	Min	-17,668	-330,983	-28,419	-2228,349	-335,3798	6363,463
633,31659	ELU_GR1_TERMICAS	Min	201,402	-418,581	6,029	-2563,144	-47,3029	6450,6825
633,31659	ELU_GR1_TERMICAS	Min	201,402	-418,581	6,029	-2563,251	-47,3441	6450,6826
633,31659	ELU_GR2	Min	63,767	-276,085	-87,722	-2365,544	-1160,342	6937,9505
633,31659	ELU_GR2	Min	63,767	-276,085	-87,722	-2365,444	-1160,317	6937,9505
633,31659	ELU_GR1_VIENTO	Min	546,355	-313,501	-17,678	-2633,713	-482,0228	7414,562
633,31659	ELU_GR1_VIENTO	Min	546,355	-313,501	-17,678	-2633,634	-481,9312	7414,562
633,31659	ELU_VIENTO	Min	596,138	229,262	-54,271	-756,5069	-891,607	9206,4204
633,31659	ELU_VIENTO	Min	596,138	229,262	-54,271	-756,4573	-891,5198	9206,4204

633,31659	ELU_VIENTO	Max	644,647	347,598	236,779	1076,0513	2470,7878	13101,9699
633,31659	ELU_VIENTO	Max	644,647	347,598	236,779	1076,0861	2470,8819	13101,9699
633,31659	ELU_GR2	Max	1010,802	1200,834	185,599	2675,8905	1783,161	20939,8259
633,31659	ELU_GR2	Max	1010,802	1200,834	185,599	2675,9354	1783,2986	20939,826
633,31659	ELU_TERMICAS	Max	908,729	1316,102	150,092	2642,7107	1367,1513	21826,8115
633,31659	ELU_TERMICAS	Max	908,729	1316,102	150,092	2642,7467	1367,2807	21826,8115
633,31659	ELU_GR1_VIENTO	Max	686,532	1265,761	206,968	3848,1537	2163,2793	22080,2057
633,31659	ELU_GR1_VIENTO	Max	686,532	1265,761	206,968	3848,2278	2163,3744	22080,2057
633,31659	ELU_GR1_TERMICAS	Max	822,692	1452,597	145,041	3528,1754	1368,8722	23519,5714
633,31659	ELU_GR1_TERMICAS	Max	822,692	1452,597	145,041	3528,2334	1368,9872	23519,5715
636,07773	ELU_TERMICAS	Min	35,178	377,812	-28,497	-2257,191	-277,3054	5766,3397
636,07773	ELU_TERMICAS	Min	35,178	377,812	-28,497	-2257,022	-277,2956	5766,3397
636,07773	ELU_GR1_TERMICAS	Min	259,282	348,985	6,793	-2587,123	-92,3871	5884,261
636,07773	ELU_GR1_TERMICAS	Min	259,282	348,985	6,793	-2586,956	-92,3534	5884,261
636,07773	ELU_GR2	Min	101,517	432,457	-106,382	-2401,068	-881,3386	6154,2232
636,07773	ELU_GR2	Min	101,517	432,457	-106,382	-2400,911	-881,3172	6154,2232
636,07773	ELU_GR1_VIENTO	Min	604,259	454,043	-35,766	-2661,55	-436,4934	6611,3111
636,07773	ELU_GR1_VIENTO	Min	604,259	454,043	-35,766	-2661,402	-436,4261	6611,3111
636,07773	ELU_VIENTO	Min	635,567	783,365	-85,775	-813,6852	-703,2596	7799,8114
636,07773	ELU_VIENTO	Min	635,567	783,365	-85,775	-813,5753	-703,196	7799,8114
636,07773	ELU_VIENTO	Max	699,903	1135,954	273,097	1057,4286	1760,4617	11048,1424
636,07773	ELU_VIENTO	Max	699,903	1135,954	273,097	1057,5058	1760,5282	11048,1424
636,07773	ELU_GR2	Max	1099,919	2153,039	197,68	2763,0088	1276,7781	17251,2985
636,07773	ELU_GR2	Max	1099,919	2153,039	197,68	2763,1177	1276,8719	17251,2985
636,07773	ELU_TERMICAS	Max	976,685	2268,486	152,982	2728,2617	972,4423	17786,7016
636,07773	ELU_TERMICAS	Max	976,685	2268,486	152,982	2728,3647	972,5265	17786,7016
636,07773	ELU_GR1_VIENTO	Max	759,556	2289,893	229,54	4012,5538	1592,9139	18290,054
636,07773	ELU_GR1_VIENTO	Max	759,556	2289,893	229,54	4012,6919	1592,9825	18290,0541
636,07773	ELU_GR1_TERMICAS	Max	895,87	2476,697	147,568	3687,1117	999,8741	19265,3715
636,07773	ELU_GR1_TERMICAS	Max	895,87	2476,697	147,568	3687,239	999,9518	19265,3715
638,83886	ELU_TERMICAS	Min	83,12	1012,092	-28,543	-2284,748	-220,4892	3634,9243
638,83886	ELU_TERMICAS	Min	83,12	1012,092	-28,543	-2284,619	-220,4813	3634,9243
638,83886	ELU_GR1_TERMICAS	Min	310,372	1013,763	7,251	-2624,588	-141,7166	3783,2618
638,83886	ELU_GR1_TERMICAS	Min	310,372	1013,763	7,251	-2624,458	-141,6966	3783,2618
638,83886	ELU_GR2	Min	134,388	1066,485	-125,234	-2437,182	-551,7076	3836,9822
638,83886	ELU_GR2	Min	134,388	1066,485	-125,234	-2437,059	-551,6943	3836,9822
638,83886	ELU_GR1_VIENTO	Min	655,422	1118,802	-54,647	-2705,509	-342,053	4274,2748
638,83886	ELU_GR1_VIENTO	Min	655,422	1118,802	-54,647	-2705,389	-342,0161	4274,2748
638,83886	ELU_VIENTO	Min	675,059	1337,464	-118,058	-848,4338	-424,172	4860,4016
638,83886	ELU_VIENTO	Min	675,059	1337,464	-118,058	-848,3404	-424,1374	4860,4016
638,83886	ELU_VIENTO	Max	755,339	1924,297	308,562	1054,7717	952,8036	6810,403



PROYECTO DE CONSTRUCCIÓN DE LA VARIANTE CV-35 A SU PASO POR EL MUNICIPIO DE CHELVA (PROVINCIA DE CASTELLÓN)



ALTERNATIVA NORTE. CÁLCULO SUPERESTRUCTURAS

638,83886	ELU_VIENTO	Max	755,339	1924,297	308,562	1054,8373	952,8388	6810,403
638,83886	ELU_GR2	Max	1192,235	3128,314	208,59	2948,377	752,4707	10489,6091
638,83886	ELU_GR2	Max	1192,235	3128,314	208,59	2948,4667	752,5208	10489,6091
638,83886	ELU_TERMICAS	Max	1047,858	3243,94	154,716	2910,963	587,9659	10672,8362
638,83886	ELU_TERMICAS	Max	1047,858	3243,94	154,716	2911,0497	588,0105	10672,8362
638,83886	ELU_GR1_VIENTO	Max	837,107	3348,234	251,287	4309,9857	974,4093	11060,1878
638,83886	ELU_GR1_VIENTO	Max	837,107	3348,234	251,287	4310,0935	974,4463	11060,1878
638,83886	ELU_GR1_TERMICAS	Max	973,575	3535,014	149,083	3977,5515	642,0649	11572,6557
638,83886	ELU_GR1_TERMICAS	Max	973,575	3535,014	149,083	3977,654	642,1064	11572,6557
641,6	ELU_TERMICAS	Min	126,357	1566,762	-28,559	-2380,147	-167,2082	-177,4954
641,6	ELU_GR2	Min	162,543	1620,905	-144,241	-2541,963	-173,0888	-138,444
641,6	ELU_GR1_TERMICAS	Min	354,94	1569,263	7,404	-2763,615	-198,1962	-3,3221
641,6	ELU_GR1_VIENTO	Min	700,032	1674,295	-74,322	-2852,104	-200,1113	285,5098
641,6	ELU_VIENTO	Min	714,48	1891,568	-151,121	-867,6863	-52,6795	353,628
641,6	ELU_VIENTO	Max	811,099	2712,618	343,174	1063,2308	49,8295	423,649
641,6	ELU_GR1_VIENTO	Max	926,092	4504,813	272,211	4849,5371	324,4858	429,6393
641,6	ELU_GR1_TERMICAS	Max	1062,629	4691,583	149,588	4509,4002	308,6752	537,8097
641,6	ELU_TERMICAS	Max	1127,367	4290,725	155,294	3272,9913	220,1764	613,2056
641,6	ELU_GR2	Max	1292,867	4174,92	218,268	3313,6898	219,4944	744,494