

Anexo 1. Coordenadas georreferenciadas en el Marco de Referencia MAGNA - Colombia Bogotá

RESOLUCIÓN SISE No. 00324 DE 26-11-2025

“Por la cual se establece el procedimiento para el otorgamiento de los permisos para el uso, la ocupación y la intervención temporal de la infraestructura férrea del proyecto RegioTram de Occidente a cargo de la Empresa Férrea Regional EFR S.A.S.”

En cumplimiento de lo establecido en la Resolución, se relacionan a continuación las coordenadas georreferenciadas correspondientes a los puntos de cada una de las líneas que integran las franjas y zonas del proyecto del proyecto RegioTram de Occidente, para efectos de ubicación e identificación.

Las coordenadas aquí consignadas están definidas bajo el Marco Geocéntrico Nacional de Referencia – MAGNA, con referencia específica MAGNA – origen Colombia Bogotá, adoptado oficialmente para efectos de planificación e intervención de la infraestructura férrea.

Adicional al presente Anexo, se pone a disposición de los interesados una carpeta comprimida que contiene los archivos en formato shapefile (SHP) correspondientes a la delimitación geoespacial de las zonas de seguridad, franja de retiro y zona de protección del Proyecto RegioTram de Occidente. Esta información constituye un insumo técnico complementario para la adecuada interpretación, análisis y aplicación de la presente Resolución.

ZONA DE PROTECCIÓN		
OBJECTID	LATITUD	LONGITUD
1	999542,8225	1002056,103
2	999223,6058	1002437,979
3	998878,0505	1002799,332
4	998533,1706	1003161,31
5	998180,4052	1003515,546
6	997831,8727	1003873,942
7	997482,9194	1004232,03
8	997134,5074	1004590,583
9	996787,9012	1004950,915
10	996438,3191	1005308,353
11	996087,2466	1005664,37
12	995741,9319	1006025,907

13	995392,3362	1006383,374
14	995042,0164	1006740,12
15	994693,5221	1007098,615
16	994344,6405	1007456,778
17	993996,0679	1007814,872
18	993650,0985	1008175,804
19	993297,2869	1008530,029
20	992949,7331	1008889,445
21	992600,9178	1009247,674
22	992252,5488	1009606,335
23	991904,3001	1009965,103
24	991554,0931	1010321,971
25	991165,1301	1010633,142
26	990728,5011	1010876,768



Gobernación de
Cundinamarca

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27	990290,9561	1011118,748
28	989853,3957	1011360,7
29	989384,7894	1011507,538
30	988887,0691	1011460,226
31	988389,2092	1011414,364
32	987890,3997	1011380,58
33	987391,2948	1011350,675
34	986892,1899	1011320,77
35	986392,9943	1011292,456
36	985893,9814	1011261,084
37	985394,8842	1011231,054
38	984895,7793	1011201,149
39	984414,6704	1011305,514
40	984017,268	1011608,33
41	983624,6705	1011916,259
42	983234,0147	1012228,184
43	982841,7199	1012536,477
44	982450,2451	1012847,478
45	982058,8078	1013158,564
46	981666,7894	1013468,921
47	981274,7709	1013779,279
48	980882,7525	1014089,636
49	980492,0723	1014400,008
50	980100,1521	1014710,488
51	979707,9319	1015020,588
52	979297,2847	1015305,762
53	978884,5465	1015586,19
54	978472,246	1015869,04
55	978065,153	1016120,524
56	977651,3121	1016401,123
57	977238,7519	1016683,6
58	976826,3767	1016966,348
59	976413,9024	1017248,952
60	975999,8678	1017529,245
61	975587,7316	1017812,342
62	975175,7652	1018095,682
63	974776,1803	1018396,219
64	974377,1919	1018697,563
65	973979,136	1019000,134
66	973655,2562	1019348,641
67	973318,8069	1019718,46
68	972965,0193	1020041,675

69	972568,2051	1020345,757
70	972171,9509	1020615,918
71	971708,6927	1020800,702
72	971324,8828	1021101,507
73	970978,0832	1021456,011
74	970674,2552	1021830,689
75	970327,5601	1022189,75
76	970099,4925	1022624,114
77	969763,546	1022991,097
78	969375,2206	1023305,883
79	969234,1307	1023423,184
80	999565,7431	1002068,744
81	999250,5386	1002454,316
82	998901,7094	1002812,51
83	998557,0394	1003174,684
84	998204,1703	1003528,814
85	997856,1349	1003887,748
86	997506,6874	1004245,358
87	997158,1172	1004603,773
88	996813,7564	1004966,274
89	996462,0409	1005321,576
90	996110,9685	1005677,593
91	995765,6325	1006039,111
92	995416,0354	1006396,577
93	995067,0598	1006754,641
94	994717,2039	1007111,814
95	994368,3837	1007470,038
96	994019,5635	1007828,262
97	993673,578	1008189,178
98	993323,1319	1008545,709
99	992973,2294	1008902,835
100	992624,414	1009261,063
101	992276,0984	1009619,775
102	991931,1585	1009981,579
103	991577,7584	1010335,22
104	991190,8113	1010648,78
105	990754,2001	1010892,438
106	990316,6606	1011134,428
107	989879,0924	1011376,366
108	989413,886	1011536,258
109	988915,9963	1011491,676
110	988417,9974	1011447,688





111	987919,3934	1011410,543
112	987420,2885	1011380,638
113	986921,1837	1011350,732
114	986421,9936	1011322,321
115	985922,959	1011293,492
116	985424,0495	1011261,027
117	984924,9446	1011231,122
118	984441,3448	1011323,423
119	984042,5957	1011624,215
120	983652,8655	1011935,706
121	983258,31	1012242,504
122	982870,8276	1012556,544
123	982475,8648	1012863,132
124	982084,4267	1013174,218
125	981692,4083	1013484,575
126	981300,3898	1013794,932
127	980908,3714	1014105,289
128	980516,7331	1014414,443
129	980124,5344	1014724,57
130	979732,5026	1015034,91
131	979324,2349	1015323,113
132	978913,1659	1015605,791
133	978499,1657	1015886,115
134	978116,3016	1016173,045
135	977702,4606	1016453,643
136	977289,8632	1016736,066
137	976877,488	1017018,815
138	976465,0205	1017301,429
139	976050,9913	1017581,729
140	975638,837	1017864,799
141	975226,8815	1018148,156
142	974826,9964	1018448,287
143	974428,008	1018749,631
144	974029,9195	1019052,159
145	973672,9694	1019371,111
146	973336,4921	1019740,904
147	973015,3372	1020093,556
148	972618,8077	1020397,987
149	972197,9813	1020654,185
150	971744,7588	1020817,791
151	971353,5648	1021107,228
152	971010,1747	1021465,097

153	970706,4117	1021839,847
154	970357,6743	1022196,528
155	970128,1683	1022629,706
156	969794,8097	1022999,144
157	969410,3316	1023318,795
158	969254,832	1023448,076

FRANJA DE SEGURIDAD		
OBJECTID	LATITUD	LONGITUD
1	999549,39	1002059,725
2	999230,3755	1002441,764
3	998884,8202	1002803,118
4	998539,943	1003165,098
5	998187,2032	1003519,359
6	997838,6285	1003877,714
7	997489,7137	1004235,84
8	997141,2717	1004594,363
9	996794,7125	1004954,742
10	996445,1044	1005312,154
11	996094,032	1005668,171
12	995748,7112	1006029,701
13	995399,1155	1006387,169
14	995048,8295	1006743,949
15	994700,2983	1007102,407
16	994351,4429	1007460,596
17	994002,8441	1007818,664
18	993656,8537	1008179,575
19	993304,1023	1008533,86
20	992956,5093	1008893,237
21	992607,6939	1009251,465
22	992259,3114	1009610,114
23	991911,0787	1009968,897
24	991560,8739	1010325,767
25	991172,4044	1010637,593
26	990735,8134	1010881,286
27	990298,2648	1011123,26
28	989860,6965	1011365,198
29	989392,2576	1011516,316
30	988894,4961	1011469,574
31	988396,6459	1011423,616
32	987897,859	1011389,543
33	987398,7541	1011359,637





34	986899,6493	1011329,732
35	986400,4534	1011301,422
36	985901,4393	1011270,07
37	985402,3435	1011240,017
38	984903,2386	1011210,111
39	984421,5386	1011311,364
40	984023,9407	1011613,888
41	983629,9422	1011921,659
42	983239,2774	1012233,573
43	982846,7978	1012543,297
44	982455,3239	1012854,298
45	982063,8866	1013165,385
46	981671,8682	1013475,742
47	981279,8497	1013786,099
48	980887,8313	1014096,456
49	980495,7577	1014406,679
50	980103,8264	1014717,145
51	979711,5979	1015027,234
52	979300,9144	1015312,358
53	978887,9166	1015594,167
54	978475,6279	1015877,034
55	978062,7298	1016159,017
56	977648,8889	1016439,616
57	977236,3981	1016722,195
58	976824,0229	1017004,943
59	976411,5362	1017287,529
60	975997,5252	1017567,856
61	975585,3892	1017850,953
62	975173,7059	1018134,696
63	974774,4818	1018435,723
64	974375,4933	1018737,067
65	973977,5294	1019039,76
66	973626,2362	1019393,952
67	973289,5144	1019763,526
68	972930,1133	1020110,323
69	972531,274	1020411,862
70	972098,2707	1020657,543
71	971631,6574	1020836,719
72	971277,4362	1021177,228
73	970913,119	1021514,171
74	970612,1682	1021892,402
75	970272,819	1022259,279

76	970051,3967	1022699,347
77	969701,2147	1023052,672
78	969312,8893	1023367,458
79	969238,9254	1023428,951
80	999559,1756	1002065,122
81	999243,7689	1002450,53
82	998894,9396	1002808,724
83	998550,267	1003170,896
84	998197,3724	1003525,001
85	997849,3379	1003883,935
86	997499,9257	1004241,58
87	997151,3529	1004599,993
88	996807,0232	1004962,522
89	996455,2556	1005317,775
90	996104,1832	1005673,792
91	995758,8527	1006035,316
92	995409,2561	1006392,782
93	995060,3123	1006750,877
94	994710,4277	1007108,022
95	994361,6076	1007466,246
96	994012,7874	1007824,47
97	993666,8224	1008185,406
98	993316,3937	1008541,954
99	992966,4532	1008899,043
100	992617,6379	1009257,272
101	992269,3529	1009616,012
102	991924,3798	1009977,785
103	991570,9776	1010331,423
104	991183,5396	1010644,333
105	990746,8878	1010887,92
106	990309,3447	1011129,903
107	989871,7765	1011371,841
108	989404,3802	1011527,727
109	988906,5485	1011482,11
110	988408,5101	1011438,589
111	987909,9052	1011401,459
112	987410,8003	1011371,554
113	986911,6954	1011341,649
114	986412,5005	1011313,326
115	985913,5056	1011283,98
116	985414,5613	1011251,944
117	984915,4564	1011222,039





118	984432,6376	1011318,447
119	984034,3283	1011619,917
120	983644,3965	1011932,824
121	983249,9338	1012239,737
122	982860,9431	1012553,474
123	982466,0061	1012860,095
124	982074,5684	1013171,181
125	981682,55	1013481,538
126	981290,5315	1013791,895
127	980898,5131	1014102,253
128	980506,6479	1014412,74
129	980114,5082	1014722,941
130	979722,4195	1015033,209
131	979313,688	1015320,733
132	978901,4959	1015603,57
133	978487,3426	1015883,667
134	978073,9465	1016164,913
135	977660,1055	1016445,512
136	977247,5974	1016728,066
137	976835,2221	1017010,814
138	976422,7387	1017293,404
139	976008,7216	1017573,722
140	975596,5857	1017856,819
141	975184,9623	1018140,65
142	974785,5238	1018441,388
143	974386,5353	1018742,732
144	973988,5518	1019045,399
145	973636,6945	1019399,015
146	973299,9888	1019768,603
147	972941,129	1020115,913
148	972542,3362	1020417,512
149	972110,2611	1020664,763
150	971644,2263	1020844,002
151	971288,0491	1021182,037
152	970924,4147	1021519,49
153	970623,2185	1021897,428
154	970283,589	1022264,037
155	970061,9311	1022703,968
156	969712,4201	1023057,888
157	969327,9421	1023377,539
158	969250,0372	1023442,308

FRANJA DE SEGURIDAD		
OBJECTID	LATITUD	LONGITUD
1	999549,8279	1002059,967
2	999230,8269	1002442,016
3	998885,2716	1002803,37
4	998540,3945	1003165,35
5	998187,6564	1003519,614
6	997839,079	1003877,965
7	997490,1667	1004236,094
8	997141,7227	1004594,615
9	996795,1667	1004954,997
10	996445,5568	1005312,407
11	996094,4844	1005668,424
12	995749,1632	1006029,954
13	995399,5675	1006387,422
14	995049,2838	1006744,204
15	994700,7501	1007102,659
16	994351,8956	1007460,85
17	994003,2959	1007818,916
18	993657,304	1008179,827
19	993304,5568	1008534,116
20	992956,9611	1008893,489
21	992608,1457	1009251,718
22	992259,7623	1009610,366
23	991911,5307	1009969,15
24	991561,3261	1010326,02
25	991172,8895	1010637,89
26	990736,301	1010881,588
27	990298,7526	1011123,561
28	989861,1844	1011365,5
29	989393,284	1011515,834
30	988895,5168	1011469,181
31	988397,6678	1011423,212
32	987898,8836	1011389,103
33	987399,7787	1011359,198
34	986900,6739	1011329,292
35	986401,478	1011300,983
36	985902,4637	1011269,634
37	985403,3681	1011239,577
38	984904,2632	1011209,672
39	984422,4046	1011310,288
40	984024,6975	1011612,651





41	983632,1093	1011920,592	83	998549,8155	1003170,644
42	983241,4233	1012232,479	84	998196,9192	1003524,747
43	982849,1367	1012540,838	85	997848,8848	1003883,681
44	982457,648	1012851,821	86	997499,475	1004241,329
45	982066,2105	1013162,907	87	997150,9019	1004599,741
46	981674,1921	1013473,264	88	996806,5743	1004962,272
47	981282,1737	1013783,621	89	996454,8033	1005317,522
48	980890,1552	1014093,979	90	996103,7308	1005673,539
49	980499,4462	1014404,32	91	995758,4007	1006035,063
50	980107,5528	1014714,833	92	995408,8042	1006392,529
51	979715,3537	1015024,959	93	995059,8624	1006750,626
52	979304,8439	1015310,324	94	994709,976	1007107,77
53	978892,1032	1015590,748	95	994361,1558	1007465,994
54	978479,7712	1015873,553	96	994012,3357	1007824,218
55	978066,9052	1016155,582	97	993666,3721	1008185,155
56	977653,0643	1016436,18	98	993315,9444	1008541,703
57	977240,5577	1016718,736	99	992966,0015	1008898,79
58	976828,1825	1017001,485	100	992617,1861	1009257,019
59	976415,6986	1017284,075	101	992268,9032	1009615,761
60	976001,6823	1017564,394	102	991923,9279	1009977,532
61	975589,5463	1017847,491	103	991570,5255	1010331,17
62	975177,7697	1018131,102	104	991183,0548	1010644,037
63	974778,4969	1018432,064	105	990746,4003	1010887,618
64	974379,5085	1018733,408	106	990308,8569	1011129,601
65	973981,5248	1019036,075	107	989871,2887	1011371,539
66	973629,5285	1019389,509	108	989405,3519	1011528,23
67	973292,834	1019759,108	109	988907,5144	1011482,717
68	972934,0354	1020106,545	110	988409,4799	1011439,15
69	972535,2895	1020408,203	111	987910,8751	1011402,018
70	972102,916	1020654,958	112	987411,7702	1011372,113
71	971637,691	1020835,008	113	986912,6653	1011342,208
72	971281,4173	1021172,756	114	986413,4711	1011313,872
73	970917,954	1021510,483	115	985914,472	1011284,581
74	970616,8388	1021888,537	116	985415,5312	1011252,503
75	970276,9301	1022254,908	117	984916,4263	1011222,598
76	970055,4212	1022694,908	118	984433,5134	1011318,545
77	969706,2119	1023049,167	119	984035,138	1011619,914
78	969317,8865	1023363,954	120	983645,3738	1011931,422
79	969239,2451	1023429,335	121	983250,8779	1012238,294
80	999558,7377	1002064,88	122	983003,1742	1012443,167
81	999243,3175	1002450,278	123	983003,1742	1012443,167
82	998894,4883	1002808,472	124	982608,5228	1012750,165





125	982215,919	1013059,754
126	981823,9781	1013370,209
127	981431,9597	1013680,566
128	981039,9412	1013990,923
129	980649,5125	1014301,648
130	980256,1019	1014610,205
131	979864,0834	1014920,563
132	979464,2664	1015220,487
133	979050,4757	1015499,108
134	978639,3304	1015783,616
135	978224,6712	1016062,966
136	977810,9952	1016343,807
137	977397,9536	1016625,579
138	976985,5784	1016908,327
139	976573,1898	1017191,056
140	976160,3316	1017473,096
141	975746,8549	1017754,206
142	975334,7189	1018037,303
143	974931,0086	1018332,134
144	974532,0201	1018633,478
145	974133,3741	1018935,273
146	973758,0994	1019263,636
147	973424,0292	1019635,632
148	973078,2534	1019996,448
149	972687,833	1020308,274
150	972276,784	1020591,2
151	971817,2696	1020787,496
152	971397,7191	1021035,061
153	971071,7678	1021410,647
154	970768,3334	1021785,854
155	970410,4551	1022131,801
156	970171,1118	1022556,708
157	969853,0241	1022940,341
158	969468,546	1023259,992
159	969249,7175	1023441,924

