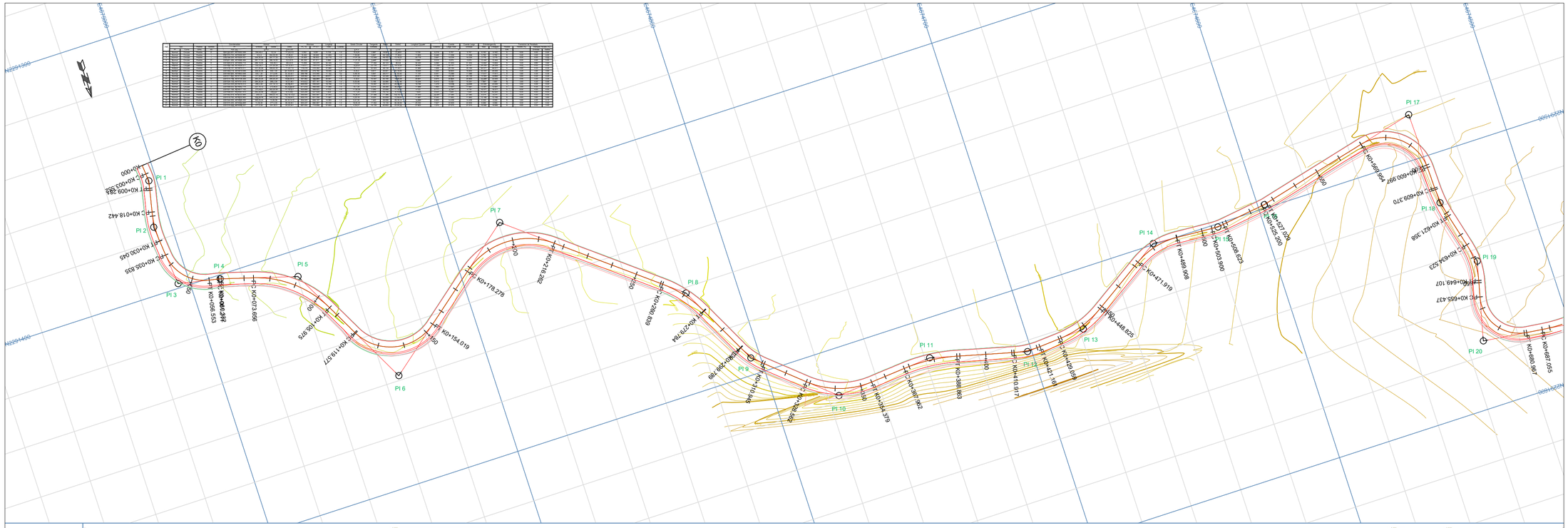
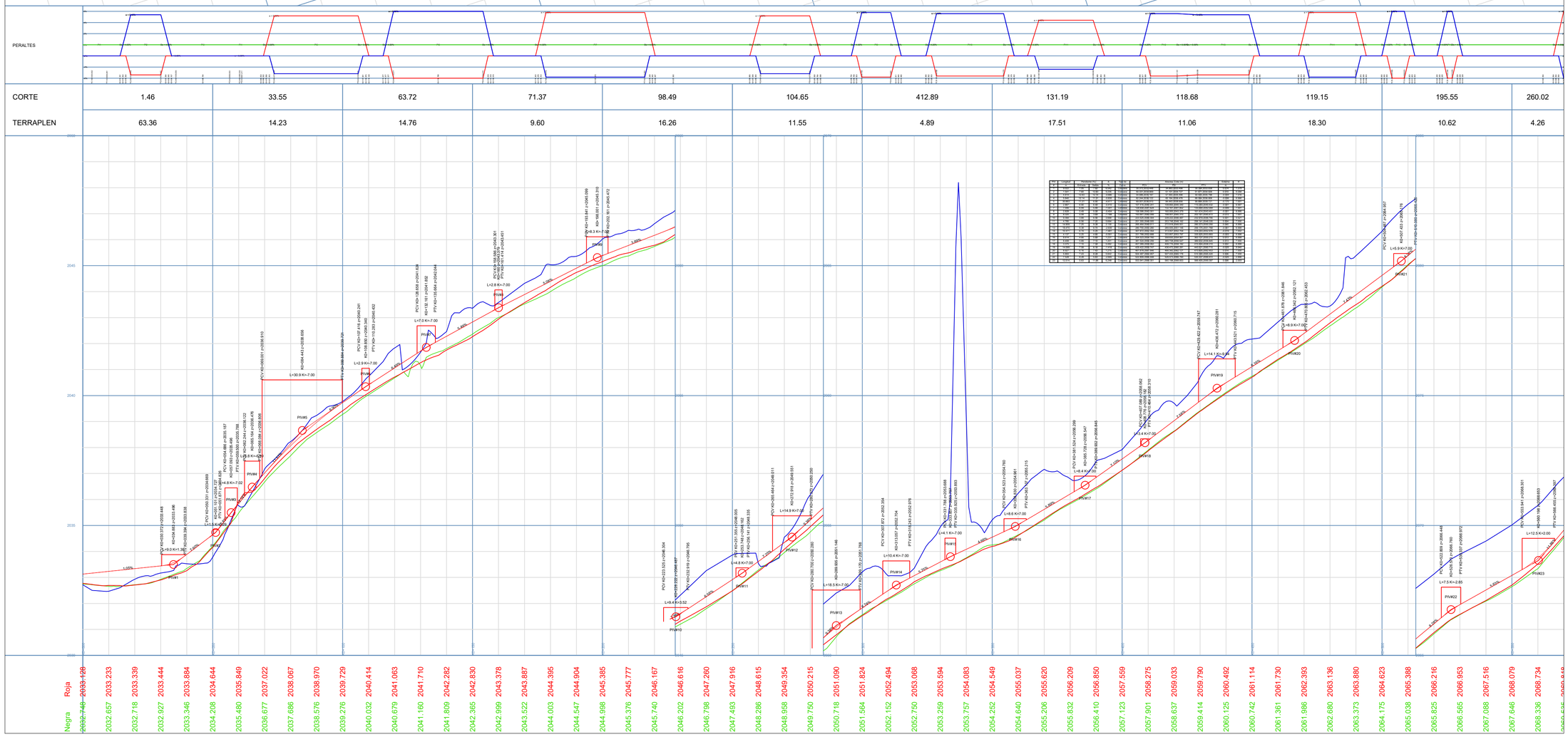


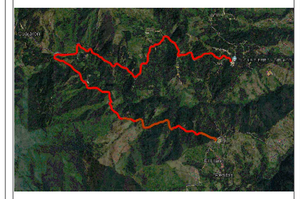


CORTE	1.46	33.55	63.72	71.37	98.49	104.65	412.89	131.19	118.68	119.15	195.55	260.02
TERRAPLEN	63.36	14.23	14.76	9.60	16.26	11.55	4.89	17.51	11.06	18.30	10.62	4.26

CONSTRUCCIÓN DE 6.3KM DE PAVIMENTO RIGIDO EN VÍA GIRALDO-CUAJARON

CIICOCSAB S.A.S
CALIDAD Y EFICIENCIA

ALCALDÍA DE GIRALDO



APROBÓ Y CALCULÓ:

SAMUEL BARRERA CABALLERO
T.P. 68202-328667 STD
CIICOCSAB S.A.S

SAMUEL BARRERA CABALLERO
T.P. 68202-328667 STD
CIICOCSAB S.A.S

CONTIENE:

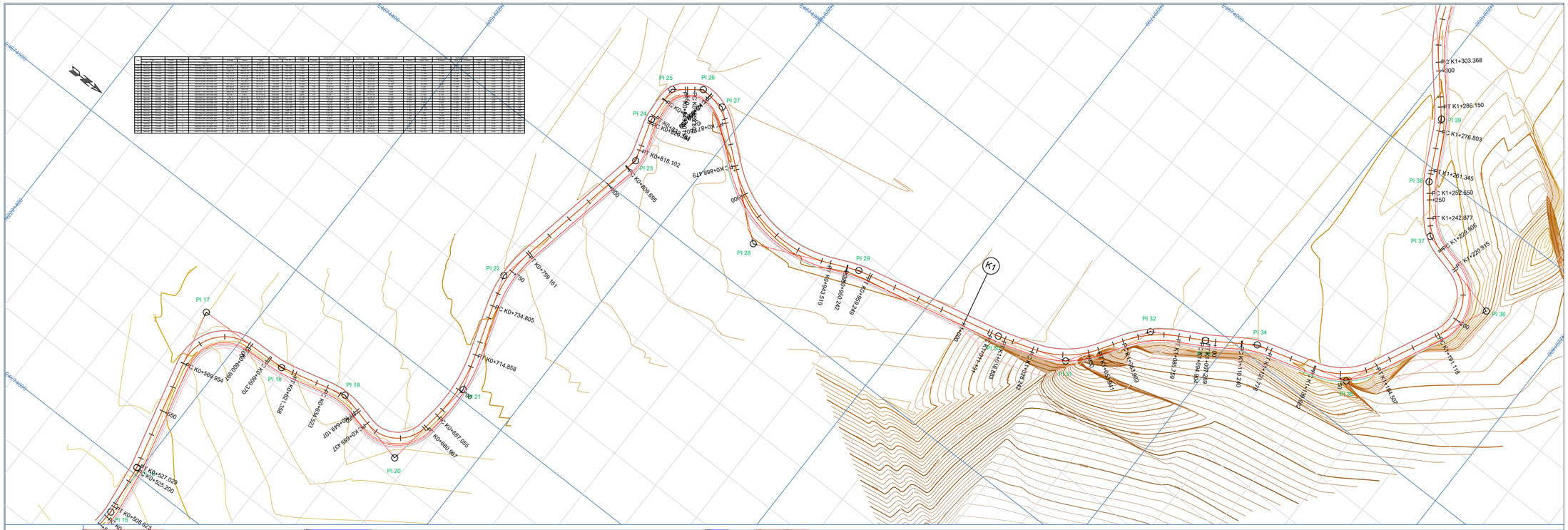
PLANTA-PERFIL
DISEÑO GEOMETRICO

DICIEMBRE DE 2025

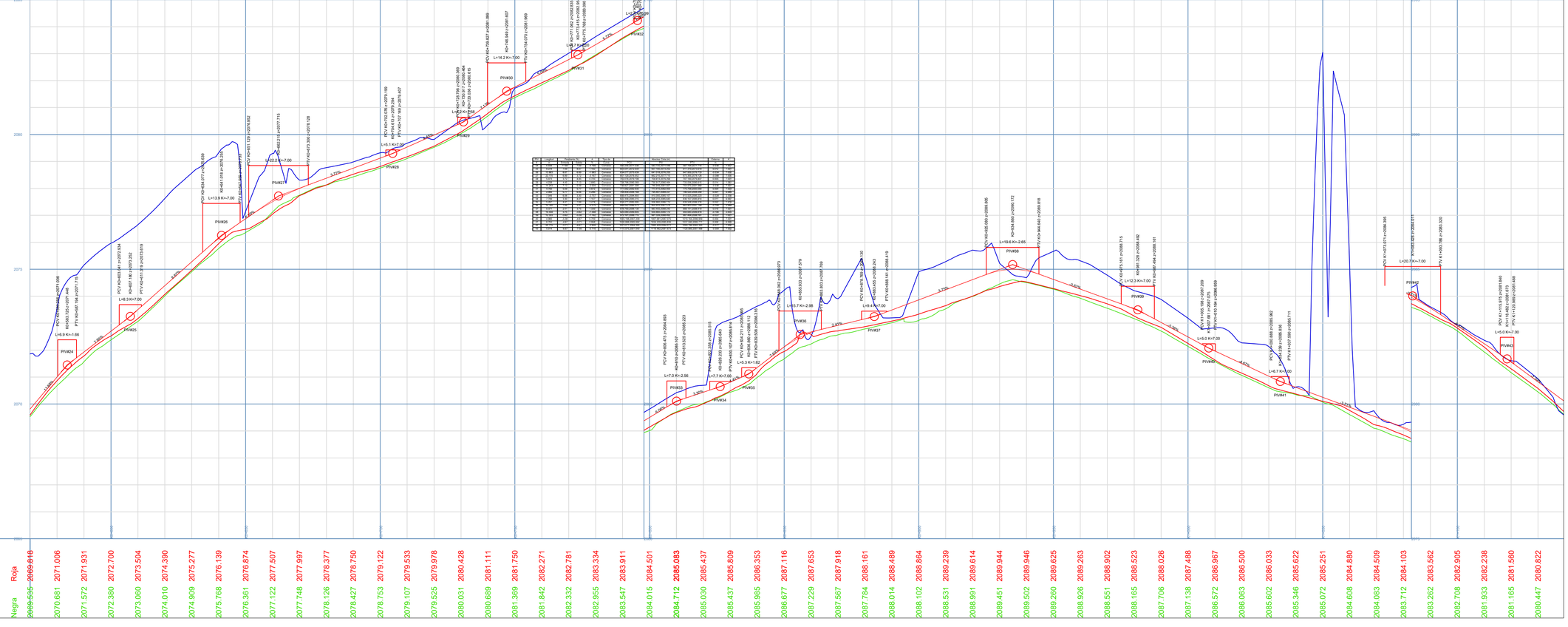
ESCALA
1:1000

CONSECUTIVO

1 de 11



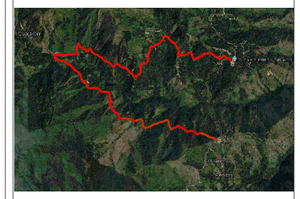
CORTE	260.02	346.70	82.22	18.24	54.44	137.90	95.28	93.49	101.30	2442.70	2027.24	185.02
TERRAPLEN	4.26	8.77	13.22	21.42	12.27	11.34	16.76	30.50	8.78	12.17	11.00	24.48



CONSTRUCCIÓN DE 6.3KM DE PAVIMENTO RIGIDO EN VÍA GIRALDO-CUAJARON

CIICOCSAB S.A.S
CALIDAD Y EFICIENCIA

ALCALDÍA DE GIRALDO



APROBÓ Y CALCULÓ:

SAMUEL BARRERA CABALLERO
T.P. 68202-328667 STD
CIICOCSAB S.A.S

SAMUEL BARRERA CABALLERO
T.P. 68202-328667 STD
CIICOCSAB S.A.S

CONTIENE:

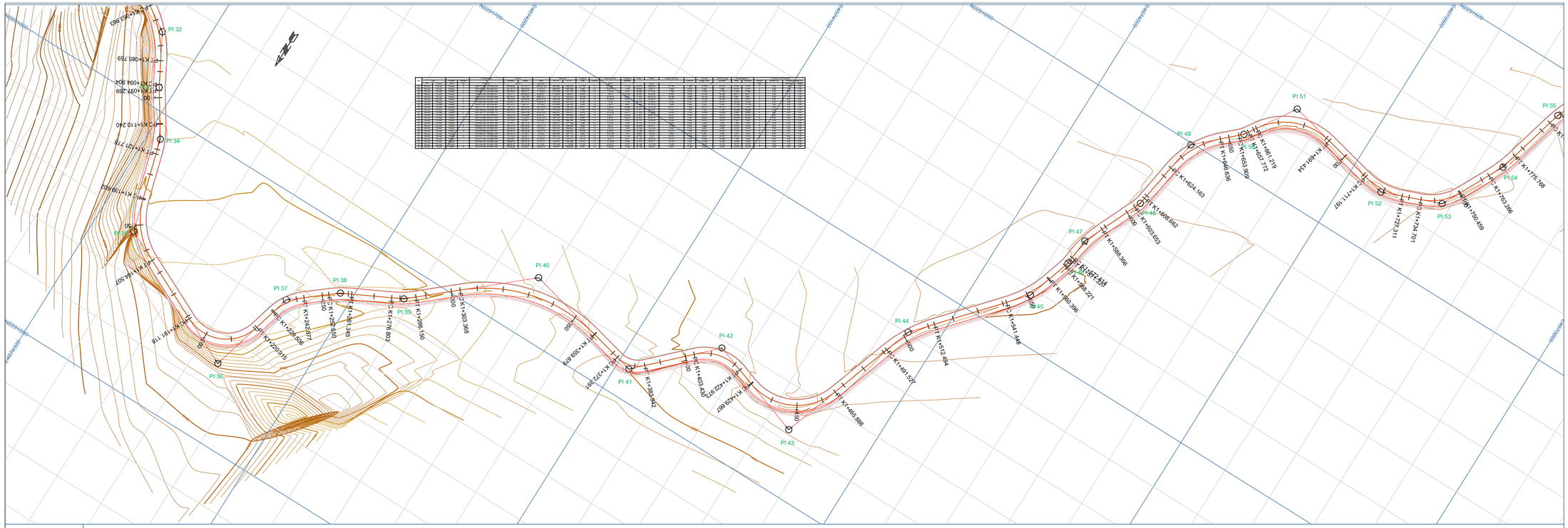
PLANTA-PERFIL
DISEÑO GEOMETRICO

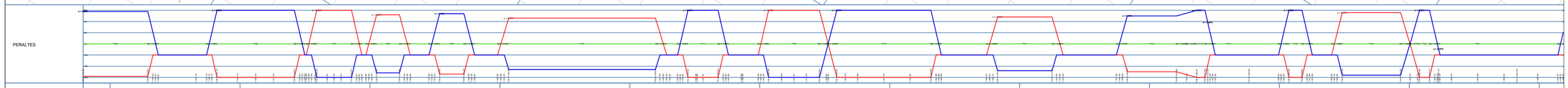
DICIEMBRE DE 2025

ESCALA
1:1000

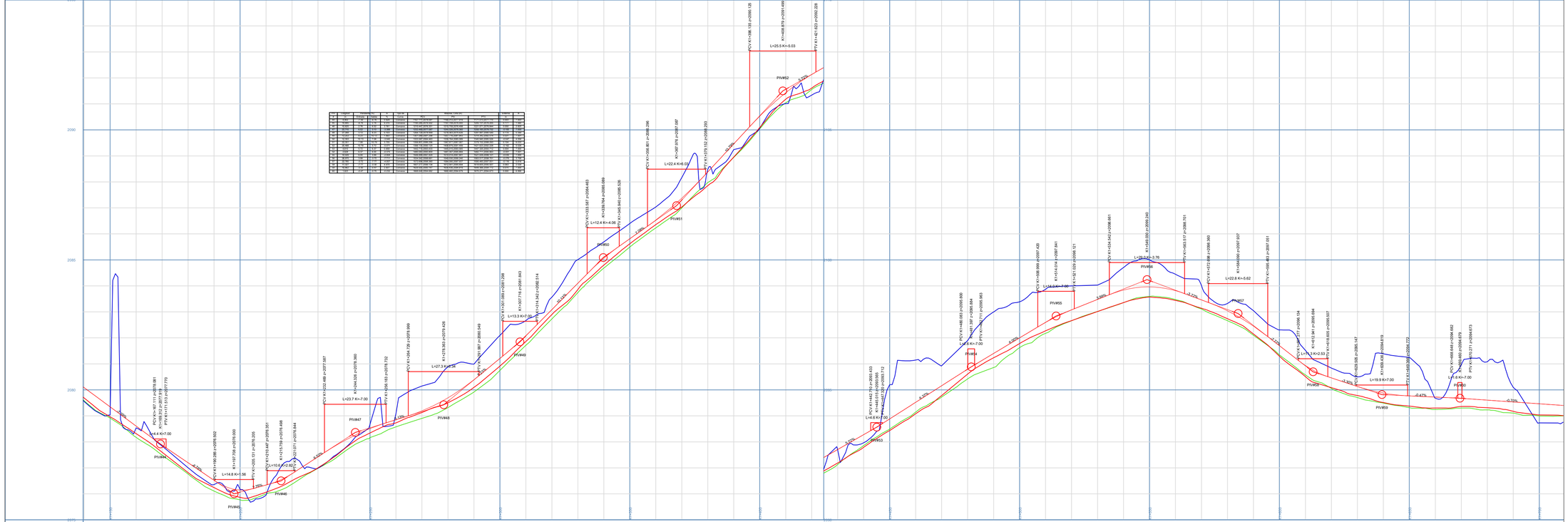
CONSECUTIVO

2 de 11





CORTE	185.02	1390.34	33.80	107.88	91.91	77.07	63.35	164.16	115.06	77.47	94.75	88.73	74.38	
TERRAPLEN	24.48	23.68	20.70	9.92	9.24	17.48	32.12	7.35	17.69	8.42	18.42	22.05	20.59	

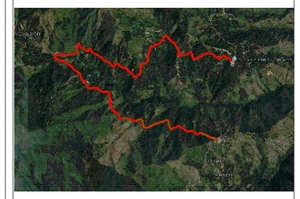


Negra	Roja
2079.550	2080.084
2078.912	2079.345
2078.172	2078.606
2077.489	2077.874
2076.760	2077.197
2076.106	2076.521
2075.766	2076.148
2075.966	2076.339
2076.373	2076.776
2076.983	2077.426
2077.614	2078.038
2078.163	2078.511
2078.577	2078.851
2079.190	2079.905
2079.320	2079.696
2079.917	2080.388
2080.748	2081.208
2081.713	2082.088
2082.730	2083.087
2083.741	2084.100
2084.686	2085.062
2085.495	2085.814
2086.232	2086.531
2087.003	2087.375
2087.974	2088.384
2088.942	2089.463
2090.041	2090.527
2091.042	2091.429
2091.554	2092.132
2092.129	2092.707
2092.859	2093.278
2093.493	2093.883
2094.145	2094.520
2094.726	2095.157
2095.421	2095.795
2095.857	2096.400
2096.625	2097.000
2097.178	2097.593
2097.659	2098.079
2098.018	2098.479
2098.356	2098.839
2098.594	2098.960
2098.475	2098.815
2098.109	2098.460
2097.661	2098.041
2097.101	2097.450
2096.345	2096.700
2095.575	2095.937
2095.054	2095.461
2094.705	2095.130
2094.492	2094.879
2094.314	2094.769
2094.248	2094.723
2094.300	2094.675
2094.229	2094.605
2094.106	2094.535
2093.997	2094.466

CONSTRUCCIÓN DE 6.3KM DE PAVIMENTO RIGIDO EN VÍA GIRALDO-CUAJARON

CIICOCSAB S.A.S
CALIDAD Y EFICIENCIA

ALCALDÍA DE GIRALDO



APROBÓ Y CALCULÓ:

SAMUEL BARRERA CABALLERO
T.P. 68202-328667 STD
CIICOCSAB S.A.S

SAMUEL BARRERA CABALLERO
T.P. 68202-328667 STD
CIICOCSAB S.A.S

CONTIENE:

PLANTA-PERFIL
DISEÑO GEOMETRICO

DICIEMBRE DE 2025

ESCALA
1:1000

CONSECUTIVO

3 de 11

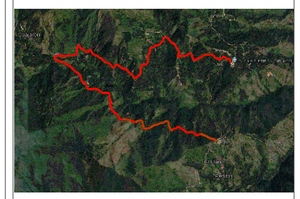
CORTE	74.38	109.31	123.54	57.05	70.22	35.95	53.22	42.49	97.58	129.79	153.46	210.91
TERRAPLEN	20.59	12.60	14.80	26.73	17.29	20.92	18.17	13.67	19.24	5.02	4.83	5.80

Negra	Roja
2094.002	2094.396
2094.024	2094.361
2093.917	2094.347
2093.968	2094.345
2094.034	2094.434
2094.349	2094.767
2094.478	2094.732
2093.692	2094.065
2092.910	2093.324
2092.197	2092.577
2091.499	2091.899
2091.000	2091.405
2090.586	2090.962
2090.093	2090.520
2089.490	2089.823
2088.535	2088.924
2087.796	2088.205
2087.274	2087.667
2086.727	2087.217
2086.226	2086.767
2085.889	2086.317
2085.496	2085.867
2085.020	2085.375
2084.502	2084.821
2083.937	2084.274
2083.524	2083.896
2083.214	2083.686
2083.046	2083.484
2082.949	2083.317
2083.068	2083.269
2083.108	2083.241
2082.874	2083.213
2082.775	2083.185
2082.672	2083.156
2082.668	2083.127
2082.513	2082.972
2082.231	2082.599
2081.648	2082.009
2081.026	2081.315
2080.250	2080.660
2079.585	2080.106
2079.051	2079.558
2078.638	2078.963
2078.054	2078.277
2077.371	2077.590
2076.668	2076.902
2075.893	2076.215
2075.176	2075.516
2074.472	2074.810
2073.750	2074.079
2072.677	2072.966
2071.550	2071.783
2070.928	2071.277
2070.440	2070.771
2068.818	2070.265
2069.329	2069.759
2068.861	2069.253

CONSTRUCCIÓN DE 6.3KM DE PAVIMENTO RIGIDO EN VÍA GIRALDO-CUAJARON

CIICOCSAB S.A.S
CALIDAD Y EFICIENCIA

ALCALDÍA DE GIRALDO



APROBÓ Y CALCULÓ:

SAMUEL BARRERA CABALLERO
T.P. 68202-328667 STD
CIICOCSAB S.A.S

SAMUEL BARRERA CABALLERO
T.P. 68202-328667 STD
CIICOCSAB S.A.S

CONTIENE:

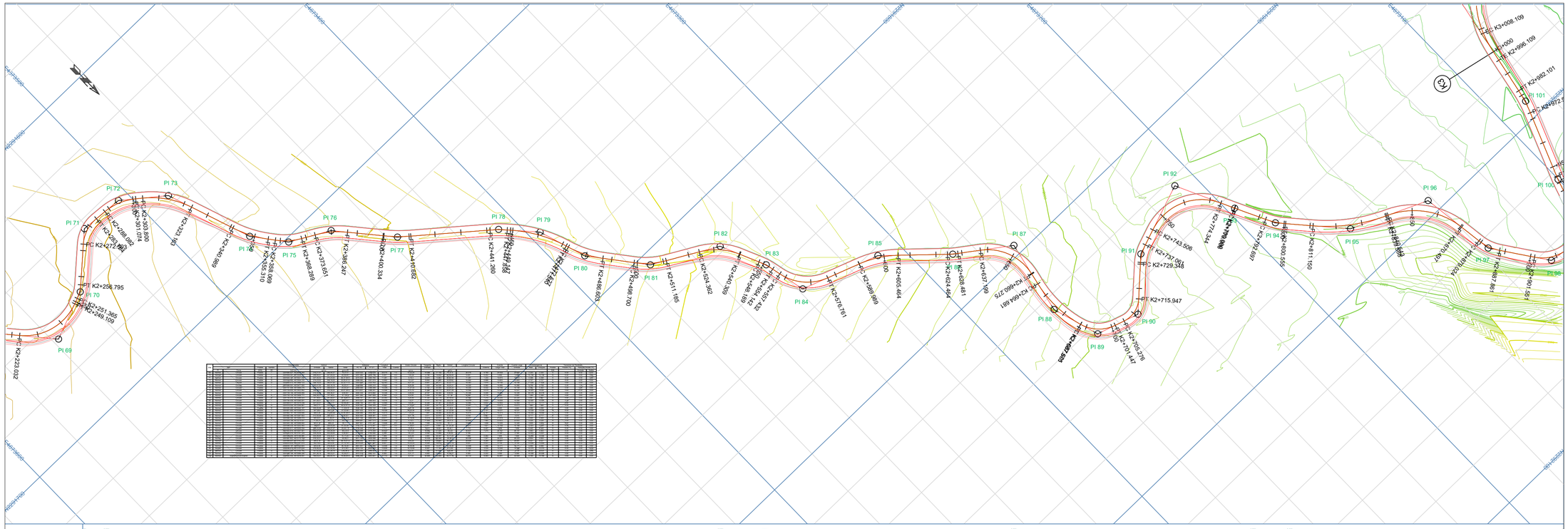
PLANTA-PERFIL
DISEÑO GEOMETRICO

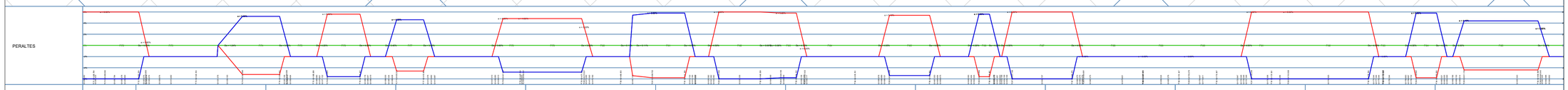
DICIEMBRE DE 2025

ESCALA
1:1000

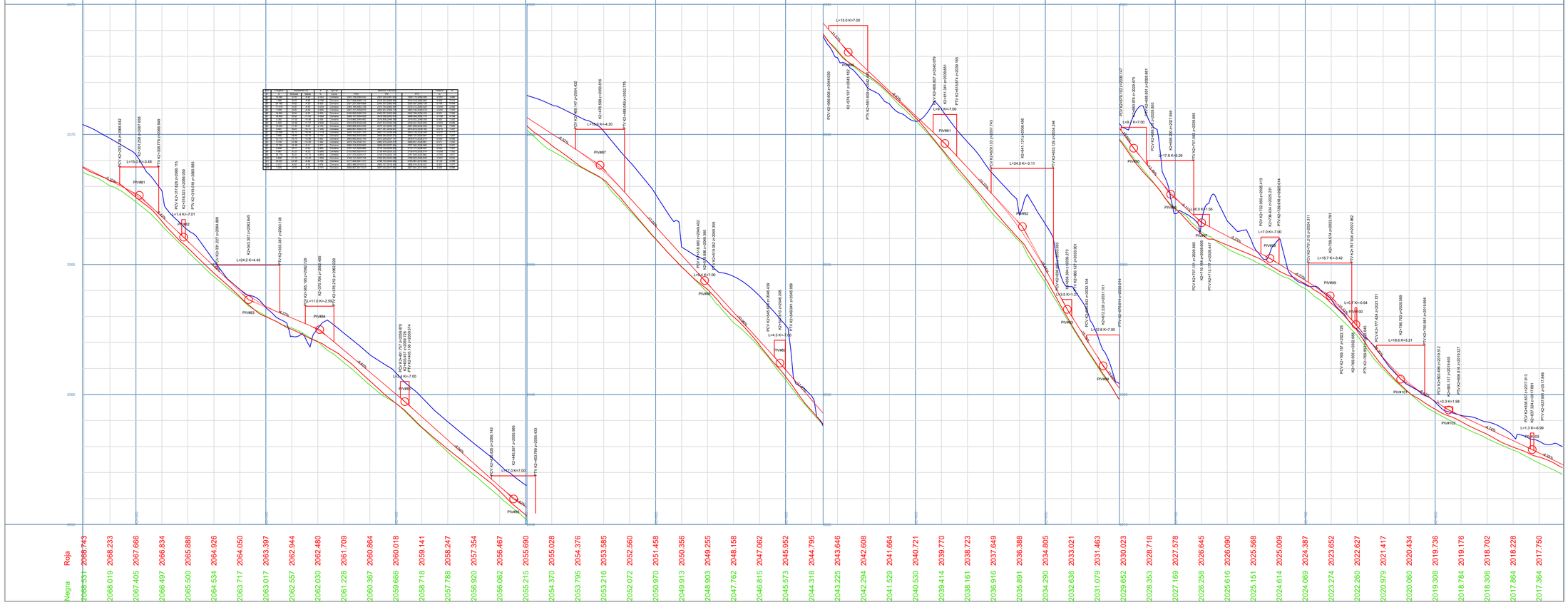
CONSECUTIVO

4 de 11





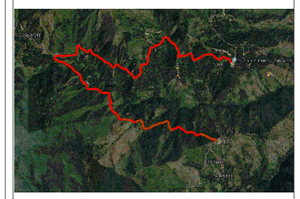
CORTE	210.91	73.80	48.57	93.38	167.71	195.03	35.91	87.32	121.83	66.64	24.48	51.51
TERRAPLEN	5.80	10.57	24.68	14.71	32.43	7.54	16.30	44.01	19.31	15.86	21.36	18.37



CONSTRUCCIÓN DE 6.3KM DE PAVIMENTO RIGIDO EN VÍA GIRALDO-CUAJARON

CIICOCSAB S.A.S
CALIDAD Y EFICIENCIA

ALCALDÍA DE GIRALDO



APROBÓ Y CALCULÓ:

SAMUEL BARRERA CABALLERO
T.P. 68202-328667 STD
CIICOCSAB S.A.S

SAMUEL BARRERA CABALLERO
T.P. 68202-328667 STD
CIICOCSAB S.A.S

CONTIENE:

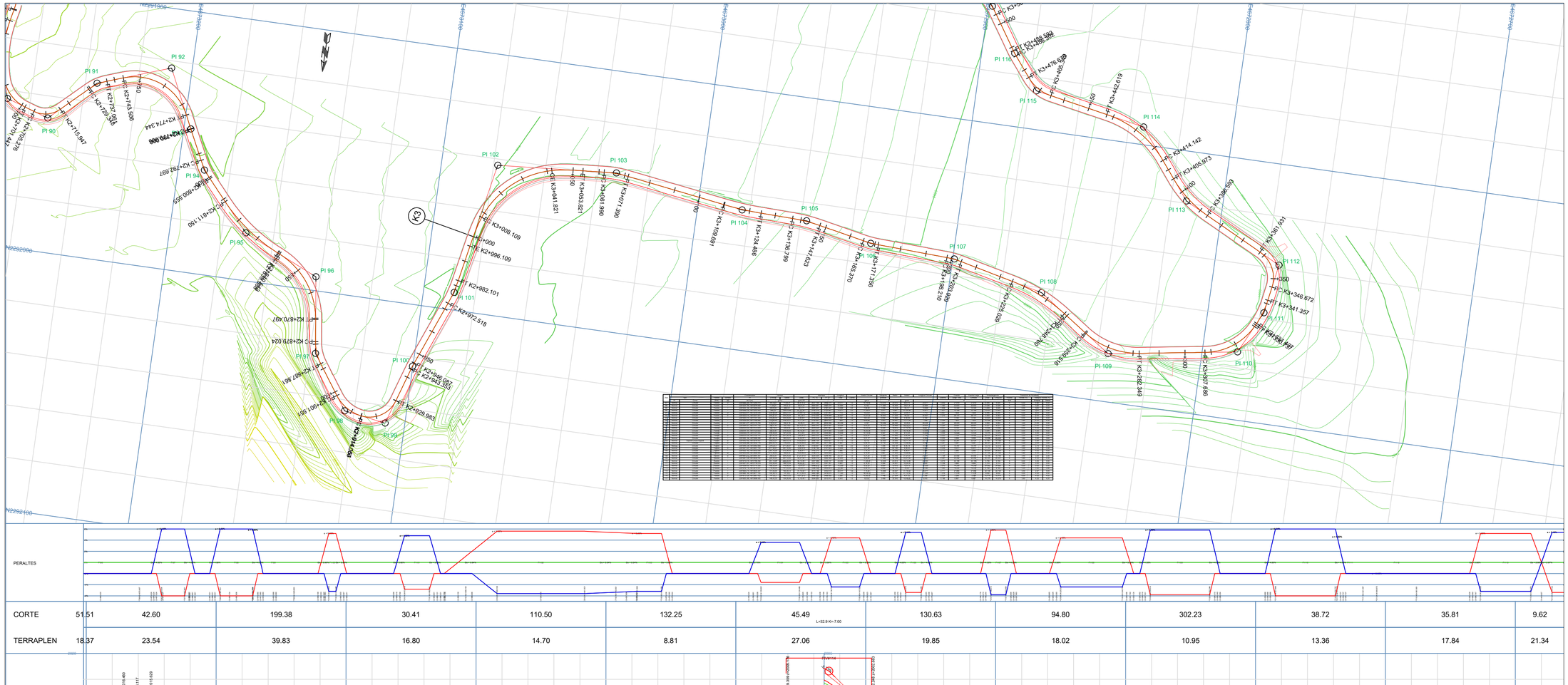
PLANTA-PERFIL
DISEÑO GEOMETRICO

DICIEMBRE DE 2025

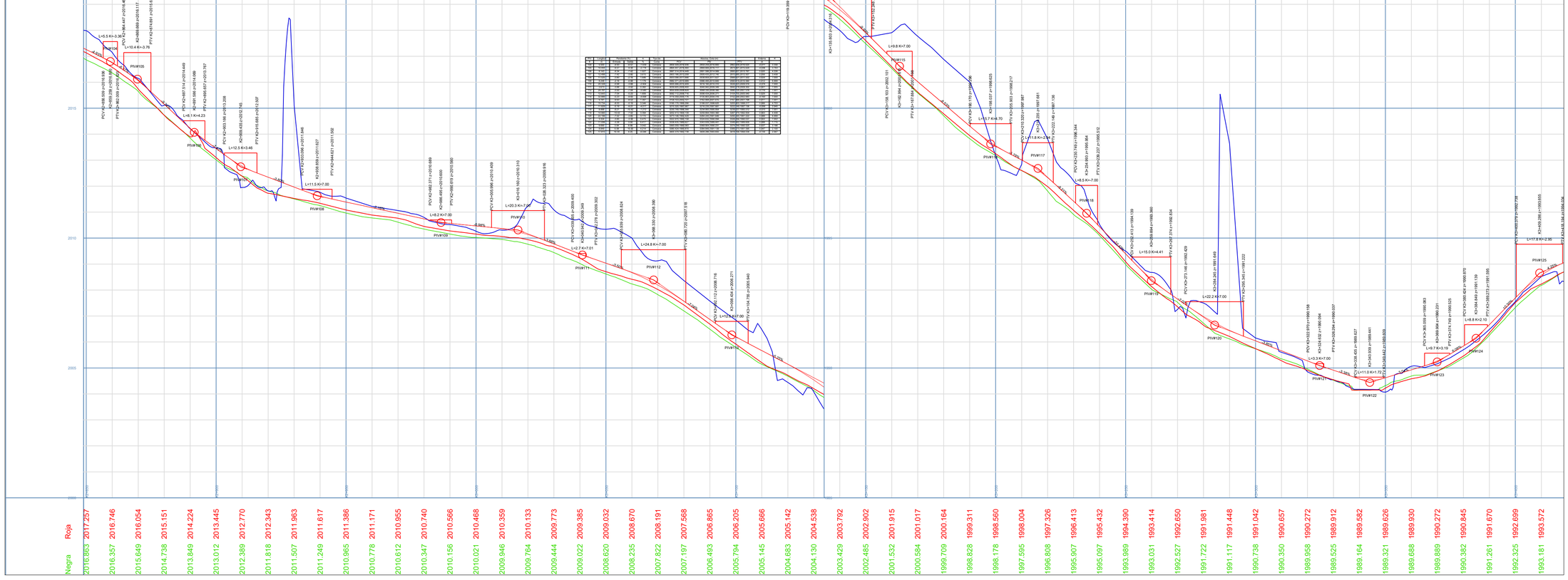
ESCALA
1:1000

CONSECUTIVO

5 de 11



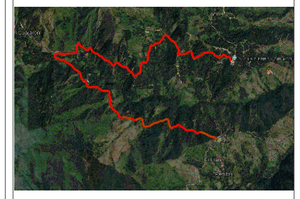
CORTE	51.51	42.60	199.38	30.41	110.50	132.25	45.49	130.63	94.80	302.23	38.72	35.81	9.62	
TERRAPLEN	18.37	23.54	39.83	16.80	14.70	8.81	27.06	19.85	18.02	10.95	13.36	17.84	21.34	



CONSTRUCCIÓN DE 6.3KM DE PAVIMENTO RIGIDO EN VÍA GIRALDO-CUAJARON

CIICOCSAB S.A.S
CALIDAD Y EFICIENCIA

ALCALDÍA DE GIRALDO



APROBÓ Y CALCULÓ:

SAMUEL BARRERA CABALLERO
T.P. 68202-328667 STD
CIICOCSAB S.A.S

SAMUEL BARRERA CABALLERO
T.P. 68202-328667 STD
CIICOCSAB S.A.S

CONTIENE:

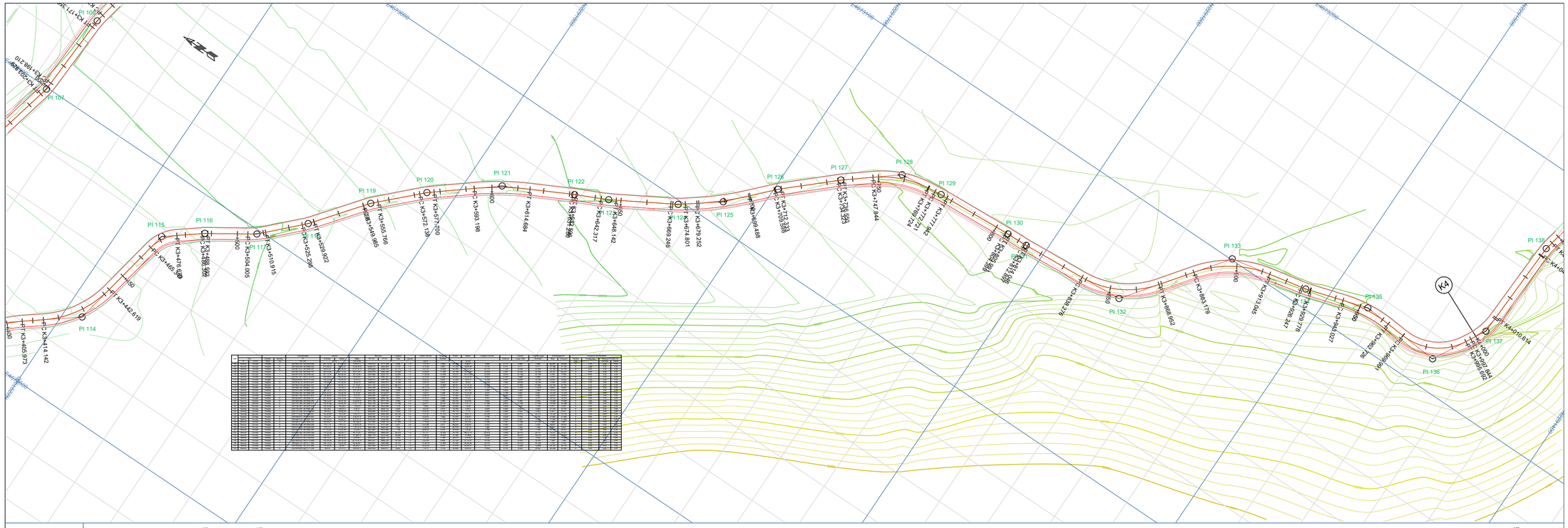
PLANTA-PERFIL
DISEÑO GEOMETRICO

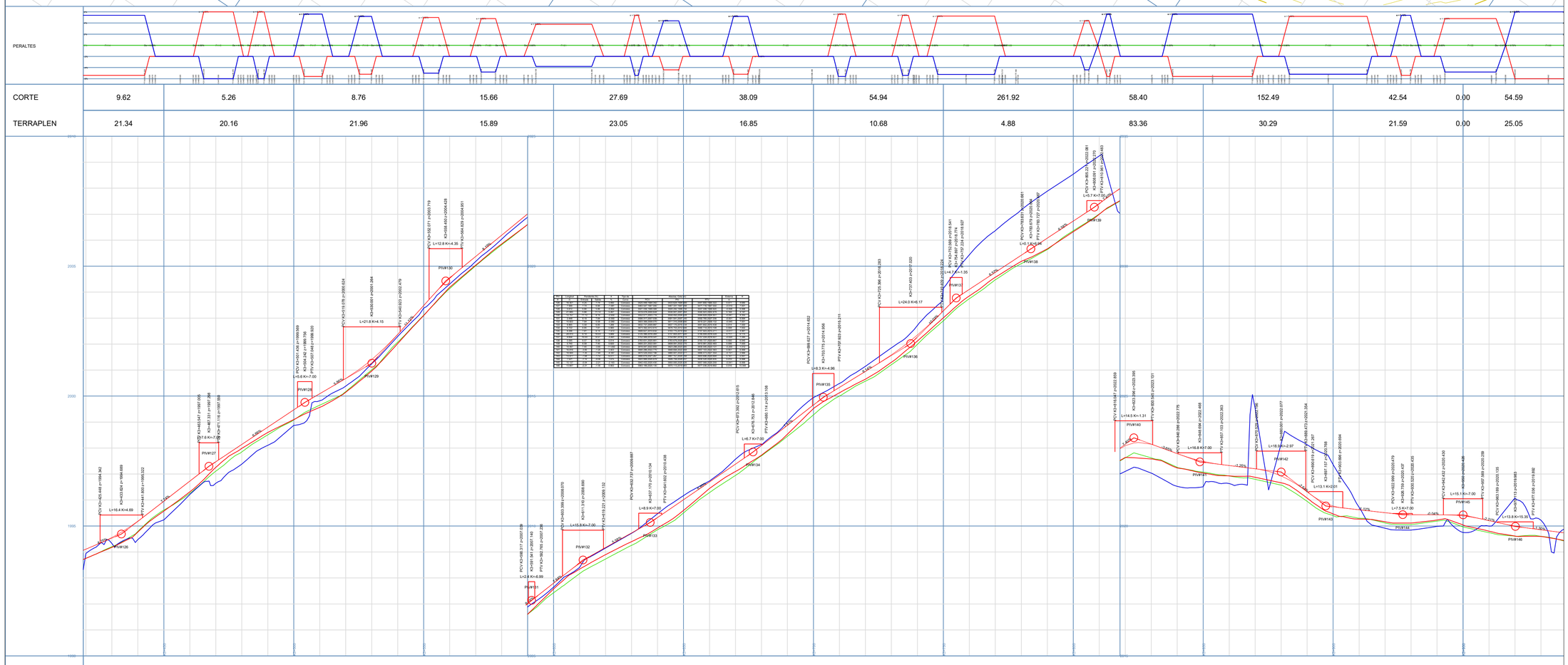
DICIEMBRE DE 2025

ESCALA
1:1000

CONSECUTIVO

6 de 11

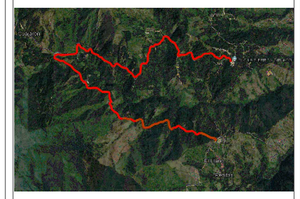




CONSTRUCCIÓN DE 6.3KM DE PAVIMENTO RIGIDO EN VÍA GIRALDO-CUAJARON

CIICOCSAB S.A.S
CALIDAD Y EFICIENCIA

ALCALDÍA DE GIRALDO



APROBÓ Y CALCULÓ:

SAMUEL BARRERA CABALLERO
T.P. 68202-328667 STD
CIICOCSAB S.A.S

SAMUEL BARRERA CABALLERO
T.P. 68202-328667 STD
CIICOCSAB S.A.S

CONTIENE:

PLANTA-PERFIL
DISEÑO GEOMETRICO

DICIEMBRE DE 2025

ESCALA 1:1000

CONSECUTIVO

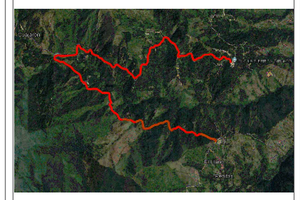
7 de 11

CORTE	54.59	163.42	35.24	77.94	21.67	48.42	66.24	82.00	124.70	138.14	131.91	265.75	129.01
TERRAPLEN	25.05	23.94	34.40	17.93	24.86	20.52	24.53	10.38	2.68	12.78	27.48	19.61	9.30

CONSTRUCCIÓN DE 6.3KM DE PAVIMENTO RIGIDO EN VÍA GIRALDO-CUAJARON

CIICOCSAB S.A.S
CALIDAD Y EFICIENCIA

ALCALDÍA DE GIRALDO



APROBÓ Y CALCULÓ:

SAMUEL BARRERA CABALLERO
T.P. 68202-328667 STD
CIICOCSAB S.A.S

SAMUEL BARRERA CABALLERO
T.P. 68202-328667 STD
CIICOCSAB S.A.S

CONTIENE:

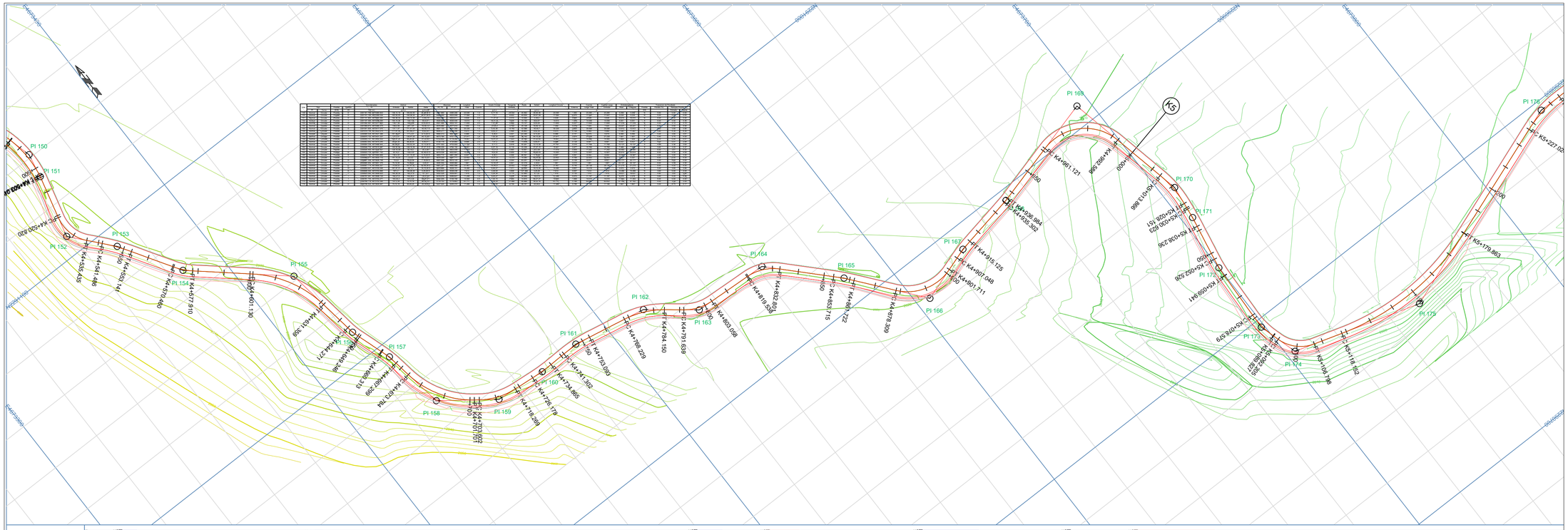
PLANTA-PERFIL
DISEÑO GEOMETRICO

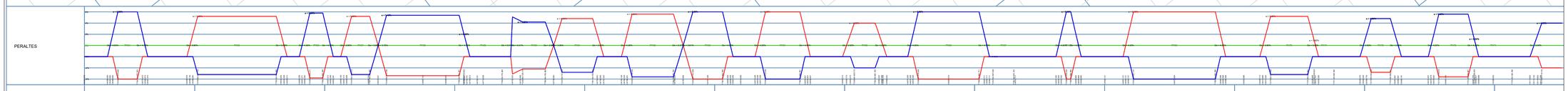
DICIEMBRE DE 2025

ESCALA
1:1000

CONSECUTIVO

8 de 11





CORTE	129.01	46.74	245.95	398.23	98.68	139.38	119.11	80.10	77.01	127.43	228.07	182.77
TERRAPLEN	9.30	18.57	67.82	8.42	21.03	14.91	22.97	18.01	19.96	18.44	12.21	6.86

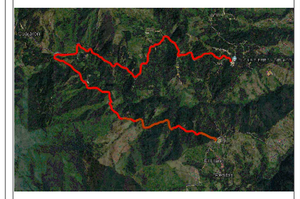


Roja	Negra
2030.743	2030.348
2030.504	2030.061
2030.378	2030.029
2030.262	2029.980
2030.144	2029.762
2030.024	2029.700
2029.904	2029.449
2029.813	2029.402
2029.850	2029.431
2029.927	2029.546
2030.078	2029.589
2030.247	2029.488
2030.240	2029.648
2029.989	2029.506
2029.495	2029.053
2028.881	2028.352
2028.229	2027.762
2026.866	2026.525
2025.355	2024.980
2023.934	2023.524
2022.544	2022.191
2021.522	2021.043
2020.558	2020.213
2019.937	2019.543
2019.682	2019.282
2019.515	2019.121
2019.490	2019.163
2019.524	2019.164
2019.584	2019.211
2019.775	2019.301
2020.067	2019.619
2019.867	2019.520
2019.498	2019.149
2019.053	2018.609
2018.581	2018.192
2018.094	2017.722
2016.941	2016.650
2015.526	2015.233
2014.166	2013.773
2012.856	2012.503
2011.654	2011.245
2010.666	2010.297
2009.321	2009.010
2007.234	2006.837
2005.664	2005.304
2004.328	2003.971
2003.190	2002.803
2002.436	2002.102
2001.794	2001.293
2001.227	2000.769
2000.515	2000.138
1999.769	1999.384
1998.755	1998.415
1997.531	1997.196
1996.840	1996.542
1996.217	1995.772
1995.414	1994.877

CONSTRUCCIÓN DE 6.3KM DE PAVIMENTO RIGIDO EN VÍA GIRALDO-CUAJARON

CIICOCSAB S.A.S
CALIDAD Y EFICIENCIA

ALCALDÍA DE GIRALDO



APROBÓ Y CALCULÓ:

SAMUEL BARRERA CABALLERO
T.P. 68202-328667 STD
CIICOCSAB S.A.S

SAMUEL BARRERA CABALLERO
T.P. 68202-328667 STD
CIICOCSAB S.A.S

CONTIENE:

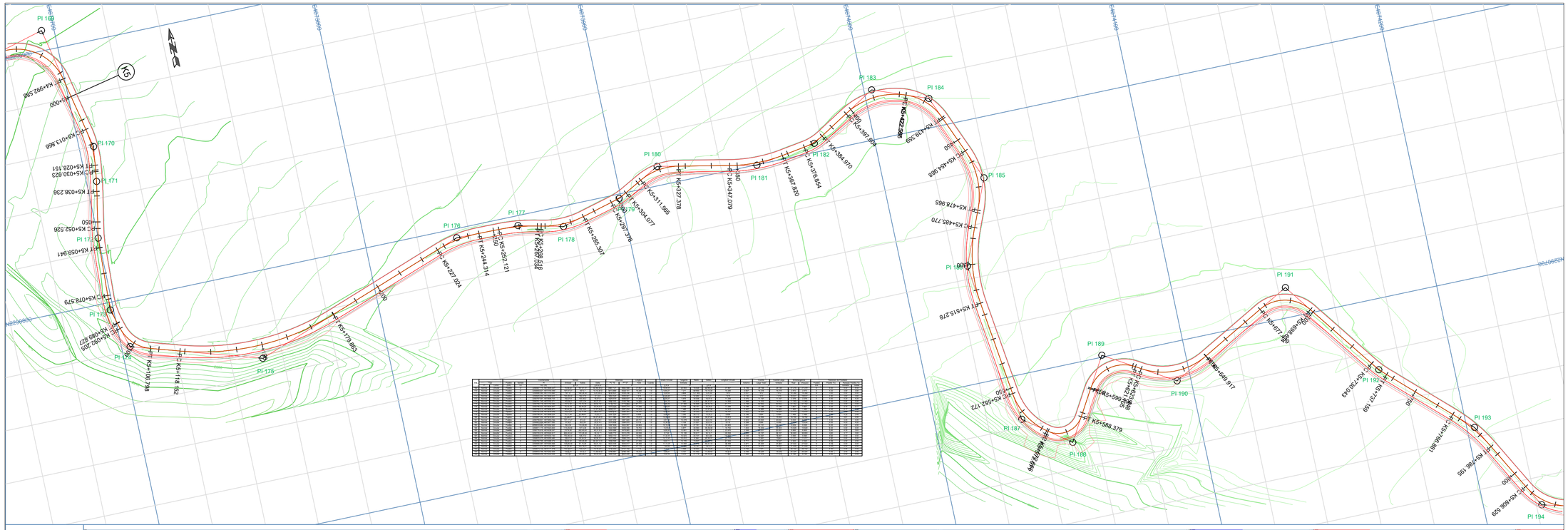
PLANTA-PERFIL
DISEÑO GEOMETRICO

DICIEMBRE DE 2025

ESCALA
1:1000

CONSECUTIVO

9 de 11



PERALTES													
CORTE	182.77	181.81	117.92	114.77	111.12	98.27	182.33	192.26	235.04	840.09	277.19	157.19	
TERRAPLEN	6.86	10.56	5.73	32.64	13.42	11.02	23.96	40.95	10.21	44.38	32.55	23.10	

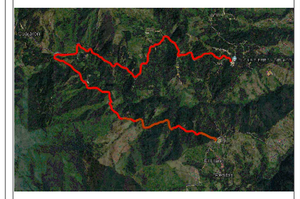


Nº	Elevación	Abscisa inicial	Y	Este	Abscisa final	Y	Este	Radio	Tangente	Longitud
PI 169	1994.447	K5+000.000	1000	1000	K5+000.000	1000	1000			
PI 170	1993.281	K5+013.866	1000	1000	K5+013.866	1000	1000			
PI 171	1991.955	K5+038.236	1000	1000	K5+038.236	1000	1000			
PI 172	1991.139	K5+059.941	1000	1000	K5+059.941	1000	1000			
PI 173	1990.588	K5+078.579	1000	1000	K5+078.579	1000	1000			
PI 174	1989.871	K5+089.827	1000	1000	K5+089.827	1000	1000			
PI 175	1990.077	K5+092.305	1000	1000	K5+092.305	1000	1000			
PI 176	1989.128	K5+100.798	1000	1000	K5+100.798	1000	1000			
PI 177	1988.902	K5+118.802	1000	1000	K5+118.802	1000	1000			
PI 178	1988.556	K5+179.863	1000	1000	K5+179.863	1000	1000			
PI 179	1988.156	K5+227.024	1000	1000	K5+227.024	1000	1000			
PI 180	1987.925	K5+244.314	1000	1000	K5+244.314	1000	1000			
PI 181	1987.461	K5+252.121	1000	1000	K5+252.121	1000	1000			
PI 182	1987.821	K5+268.838	1000	1000	K5+268.838	1000	1000			
PI 183	1987.462	K5+287.376	1000	1000	K5+287.376	1000	1000			
PI 184	1987.065	K5+295.307	1000	1000	K5+295.307	1000	1000			
PI 185	1986.582	K5+311.565	1000	1000	K5+311.565	1000	1000			
PI 186	1986.059	K5+304.077	1000	1000	K5+304.077	1000	1000			
PI 187	1985.476	K5+327.378	1000	1000	K5+327.378	1000	1000			
PI 188	1984.722	K5+347.079	1000	1000	K5+347.079	1000	1000			
PI 189	1984.363	K5+361.920	1000	1000	K5+361.920	1000	1000			
PI 190	1984.158	K5+378.654	1000	1000	K5+378.654	1000	1000			
PI 191	1983.349	K5+384.970	1000	1000	K5+384.970	1000	1000			
PI 192	1982.513	K5+391.906	1000	1000	K5+391.906	1000	1000			
PI 193	1981.677	K5+422.249	1000	1000	K5+422.249	1000	1000			
PI 194	1981.063	K5+419.359	1000	1000	K5+419.359	1000	1000			
	1980.667	K5+454.589	1000	1000	K5+454.589	1000	1000			
	1980.542	K5+478.965	1000	1000	K5+478.965	1000	1000			
	1980.863	K5+485.770	1000	1000	K5+485.770	1000	1000			
	1980.287	K5+515.278	1000	1000	K5+515.278	1000	1000			
	1980.686	K5+552.172	1000	1000	K5+552.172	1000	1000			
	1980.510	K5+568.379	1000	1000	K5+568.379	1000	1000			
	1980.084	K5+574.896	1000	1000	K5+574.896	1000	1000			
	1979.902	K5+596.305	1000	1000	K5+596.305	1000	1000			
	1980.210	K5+602.154	1000	1000	K5+602.154	1000	1000			
	1979.841	K5+649.917	1000	1000	K5+649.917	1000	1000			
	1979.456	K5+677.199	1000	1000	K5+677.199	1000	1000			
	1979.060	K5+699.705	1000	1000	K5+699.705	1000	1000			
	1979.427	K5+737.159	1000	1000	K5+737.159	1000	1000			
	1978.873	K5+730.043	1000	1000	K5+730.043	1000	1000			
	1978.233	K5+786.861	1000	1000	K5+786.861	1000	1000			
	1977.591	K5+788.135	1000	1000	K5+788.135	1000	1000			
	1977.001	K5+806.529	1000	1000	K5+806.529	1000	1000			
	1976.516									
	1976.954									
	1976.416									
	1975.975									
	1975.993									
	1975.481									
	1975.000									
	1975.578									
	1974.474									
	1975.136									
	1974.002									
	1974.560									
	1973.552									
	1973.842									
	1972.779									
	1972.981									
	1971.713									
	1971.977									
	1970.498									
	1970.911									
	1969.515									
	1969.855									
	1968.529									
	1968.859									
	1967.788									
	1968.178									
	1967.387									
	1967.809									
	1967.122									
	1967.532									
	1966.910									
	1967.381									
	1966.788									
	1967.229									
	1966.660									
	1967.103									
	1966.648									
	1967.108									
	1966.691									
	1967.172									
	1966.885									
	1967.294									
	1967.068									
	1967.539									
	1967.371									
	1967.801									
	1967.788									
	1968.132									
	1968.112									
	1968.523									

CONSTRUCCIÓN DE 6.3KM DE PAVIMENTO RIGIDO EN VÍA GIRALDO-CUAJARON

CIICOCSAB S.A.S
CALIDAD Y EFICIENCIA

ALCALDÍA DE GIRALDO



APROBÓ Y CALCULÓ:

SAMUEL BARRERA CABALLERO
T.P. 68202-328667 STD
CIICOCSAB S.A.S

SAMUEL BARRERA CABALLERO
T.P. 68202-328667 STD
CIICOCSAB S.A.S

CONTIENE:

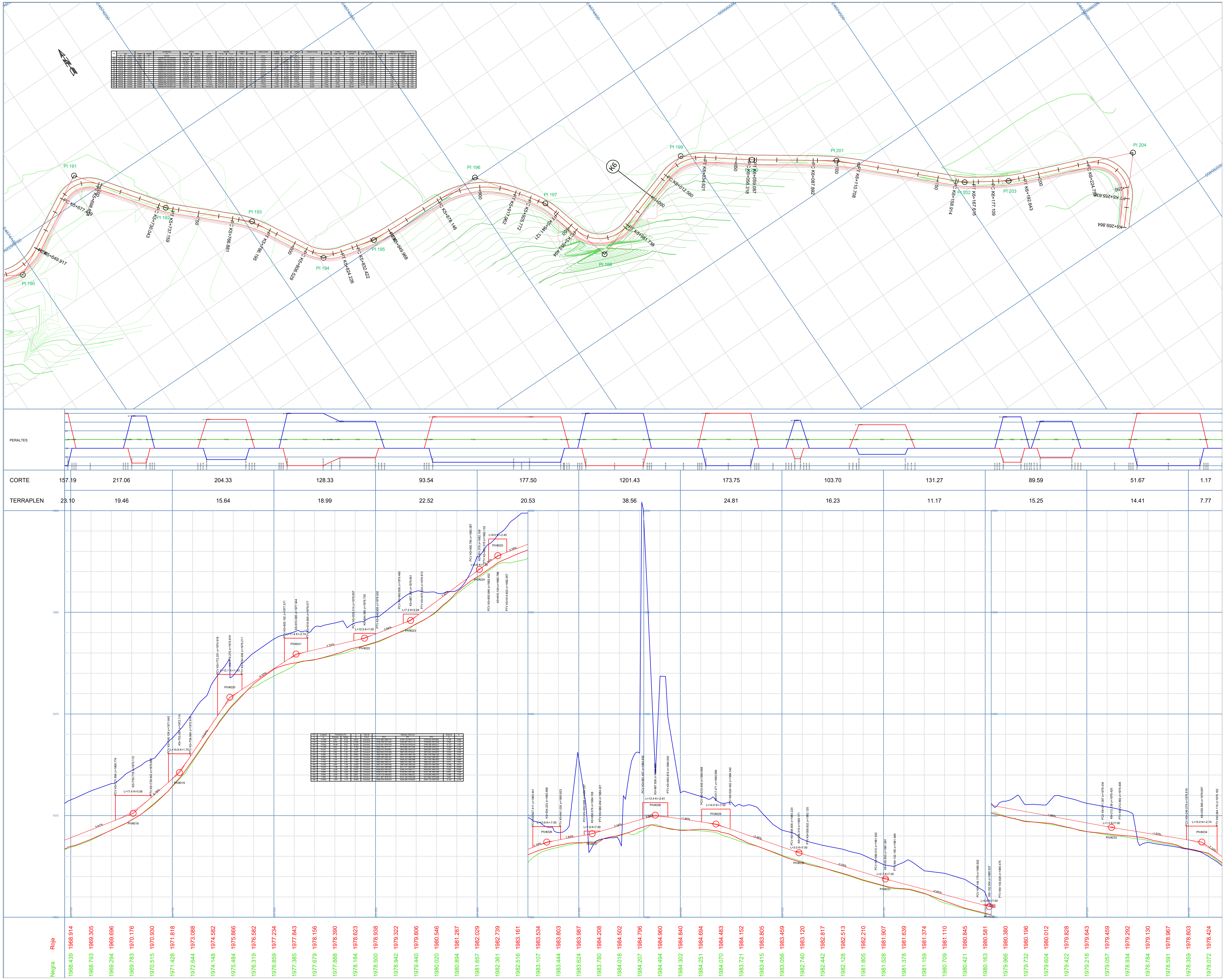
PLANTA-PERFIL
DISEÑO GEOMETRICO

DICIEMBRE DE 2025

ESCALA
1:1000

CONSECUTIVO

10 de 11



PI#	Tipo PI	Tipo Curva	Posible (S/N)	Sentido I/D	Coordenadas PI N,E (m)	Azimut Entrada (g,m,s)	Azimut Salida (g,m,s)	Delta g,m,s,ID	Abscisas PC TE (m)	Abscisas PT ET (m)	Longitud Total (m)	Cuerda (m)
190	Normal	Circular	Posible	I	2290685.087, 4674094.696	120,46,46	61,15,36	59,31,10 I	5623.448	5649.917	26.468	1.0
191	Normal	Circular	Posible	D	2290711.512, 4674142.882	61,15,36	143,18,41	82,3,5 D	5677.439	5698.614	21.176	0.5
192	Normal	Circular	Posible	I	2290673.132, 4674171.478	143,18,41	133,2,21	10,16,20 I	5730.043	5737.159	7.116	1.0
193	Normal	Circular	Posible	D	2290643.766, 4674202.926	133,2,21	151,2,3	17,59,42 D	5766.881	5786.195	19.313	1.0
194	Normal	Circular	Posible	I	2290609.259, 4674222.026	151,2,3	104,28,31	46,33,33 I	5806.529	5824.226	17.697	1.0
195	Normal	Circular	Posible	I	2290602.667, 4674247.562	104,28,31	92,12,47	12,15,44 I	5832.422	5849.968	17.546	2.0
196	Normal	Circular	Posible	D	2290600.412, 4674305.898	92,12,47	144,10,47	51,58,0 D	5878.146	5917.962	39.817	1.0
197	Normal	Circular	Posible	D	2290570.441, 4674327.530	144,10,47	164,39,54	20,29,7 D	5925.772	5941.121	15.349	1.0
198	Normal	Circular	Posible	I	2290533.360, 4674337.699	164,39,54	71,47,46	92,52,8 I	5953.494	5981.738	28.243	1.0
199	Normal	Circular	Posible	D	2290552.450, 4674395.750	71,47,46	126,53,22	55,5,36 D	6012.560	6034.621	22.061	1.0
200	Normal	Circular	Posible	I	2290531.411, 4674423.782	126,53,22	124,33,33	2,19,49 I	6056.318	6059.087	2.770	2.0
201	Normal	Circular	Posible	D	2290507.801, 4674458.059	124,33,33	133,34,15	9,0,41 D	6087.892	6110.708	22.816	5.0
202	Normal	Circular	Posible	I	2290463.688, 4674504.430	133,34,15	122,21,11	11,13,4 I	6158.914	6167.615	8.701	1.0
203	Normal	Circular	Posible	I	2290452.102, 4674522.719	122,21,11	111,7,23	11,13,48 I	6177.109	6192.643	15.534	2.0
204	Normal	Circular	Posible	D	2290429.478, 4674581.279	111,7,23	220,41,14	109,33,51 D	6224.753	6255.632	30.878	1.0

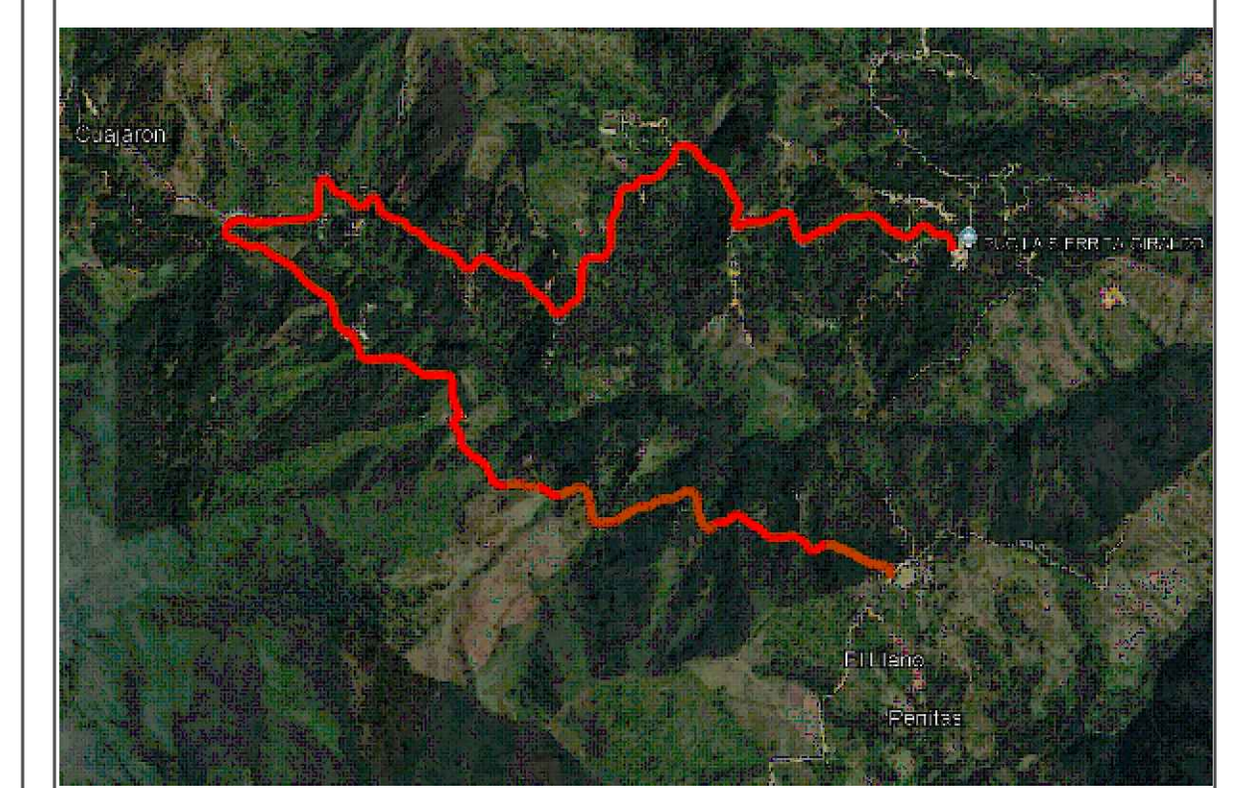
PI#	Grado Circular (g,m,s)	Tangente Entrada (m)	Radio (m)	DeltaC (g,m,s)	Longitud Circular (m)	Externa (m)	Cuerda Larga Total (m)	Cuerda Larga Entrada (m)	Entretangencia Real (m)	Entretangencia Chequeo (m)	Transición de Peraltado Posible S/N	Peralte (%)	Rampas Peralte (%) Entrada	Rampas Peralte (%) Salida
190	11,14,37	14.568	25.479	59,31,10	26.468	3.871	25.294	25.294	27.522	27.522	N	6.00	0.00	0.00
191	7,44,59	12.866	14.787	82,3,5	21.176	4.814	19.412	19.412	31.429	31.429	S	6.00	4.50	4.50
192	7,13,2	3.568	39.693	10,16,20	7.116	0.160	7.107	7.107	29.722	29.722	S	5.40	4.05	4.05
193	4,39,31	9.737	61.493	17,59,42	19.313	0.766	19.234	19.234	20.334	20.334	S	4.60	3.45	3.45
194	13,9,16	9.370	21.778	46,33,33	17.697	1.930	17.214	17.214	8.196	8.196	S	6.00	4.50	0.49
195	6,59,19	8.807	81.986	12,15,44	17.546	0.472	17.513	17.513	28.178	28.178	S	4.20	0.49	3.15
196	6,31,33	21.396	43.900	51,58,0	39.817	4.936	38.466	38.466	7.810	7.810	S	5.20	3.90	0.00
197	6,40,23	7.757	42.930	20,29,7	15.349	0.695	15.267	15.267	12.373	12.373	S	5.20	0.00	3.90
198	16,26,27	18.320	17.425	92,52,8	28.243	7.858	25.252	25.252	30.822	30.822	S	6.00	4.50	4.50
199	12,29,11	11.967	22.943	55,5,36	22.061	2.934	21.221	21.221	21.696	21.696	S	6.00	4.50	4.50
200	8,24,49	1.385	68.099	2,19,49	2.770	0.014	2.769	2.769	28.805	28.805	S	4.40	3.30	3.30
201	3,56,59	11.432	145.066	9,0,41	22.816	0.450	22.792	22.792	48.206	48.206	S	3.40	2.55	2.55
202	6,26,47	4.364	44.439	11,13,4	8.701	0.214	8.687	8.687	9.494	9.494	S	5.20	3.90	3.90
203	7,13,45	7.792	79.258	11,13,48	15.534	0.382	15.510	15.510	32.110	32.110	S	4.20	3.15	3.15
204	17,44,29	22.875	16.148	109,33,51	30.878	11.853	26.384	26.384			S	6.00	4.50	4.50

PIV #	Longitud m	Pendiente (%) Entrada	Pendiente (%) Salida	A %	Tipo de Curva	Abscisa, Cota (m) PCV	Abscisa, Cota (m) PIV	Abscisa, Cota (m) PTV	Externa m	K
218	17.448	3.91	8.78	4.873	Concava	5721.994,1969.774	5730.718,1970.115	5739.442,1970.881	0.106	3.580
219	10.755	8.78	14.94	6.158	Concava	5748.109,1971.642	5753.487,1972.114	5758.864,1972.918	0.083	1.747
220	12.055	14.94	6.52	-8.424	Convexa	5772.251,1974.918	5778.279,1975.819	5784.306,1976.211	-0.127	1.431
221	11.446	6.52	2.33	-4.183	Convexa	5805.162,1977.571	5810.885,1977.944	5816.609,1978.077	-0.060	2.736
222	10.541	2.33	3.84	1.506	Concava	5839.314,1978.607	5844.585,1978.730	5849.855,1978.932	0.020	7.000
223	7.318	3.84	7.42	3.579	Concava	5863.605,1979.460	5867.265,1979.601	5870.924,1979.872	0.033	2.045
224	0.598	7.42	7.50	0.085	Concava	5900.780,1982.087	5901.079,1982.109	5901.378,1982.132	0.000	7.051
225	8.956	7.50	3.78	-3.727	Convexa	5905.646,1982.452	5910.124,1982.788	5914.602,1982.957	-0.042	2.403
226	13.623	3.78	1.83	-1.946	Convexa	5927.411,1983.441	5934.223,1983.698	5941.035,1983.823	-0.033	6.999
227	7.755	1.83	2.94	1.108	Concava	5952.698,1984.037	5956.576,1984.108	5960.454,1984.221	0.011	7.001
228	12.362	2.94	-1.46	-4.395	Convexa	5981.457,1984.839	5987.638,1985.020	5993.819,1984.930	-0.068	2.813
229	14.043	-1.46	-3.46	-2.006	Convexa	6010.449,1984.688	6017.471,1984.586	6024.492,1984.342	-0.035	6.999
230	3.026	-3.46	-3.03	0.432	Concava	6056.805,1983.223	6058.319,1983.171	6059.832,1983.125	0.002	6.999
231	2.683	-3.03	-2.65	0.383	Concava	6099.512,1981.922	6100.853,1981.881	6102.195,1981.846	0.001	7.000
232	5.649	-2.65	-1.84	0.807	Concava	6149.179,1980.602	6152.004,1980.527	6154.828,1980.475	0.006	7.000
233	1.505	-1.84	-1.63	0.215	Concava	6211.387,1979.434	6212.139,1979.420	6212.892,1979.408	0.000	7.003
234	15.040	-1.63	-7.12	-5.493	Convexa	6249.079,1978.819	6256.599,1978.697	6264.119,1978.162	-0.103	2.738

CONSTRUCCIÓN DE 6.3KM DE PAVIMENTO RIGIDO EN VÍA GIRALDO-CUAJARON

CIICOCSAB S.A.S
CALIDAD Y EFICIENCIA

ALCALDÍA DE GIRALDO



APROBÓ Y CALCULÓ:

SAMUEL BARRERA CABALLERO
T.P. 68202-328667 STD
CIICOCSAB S.A.S

SAMUEL BARRERA CABALLERO
T.P. 68202-328667 STD
CIICOCSAB S.A.S

CONTIENE:

PLANTA-PERFIL
DISEÑO GEOMETRICO

DICIEMBRE DE 2025

ESCALA 1:1000

CONSECUTIVO