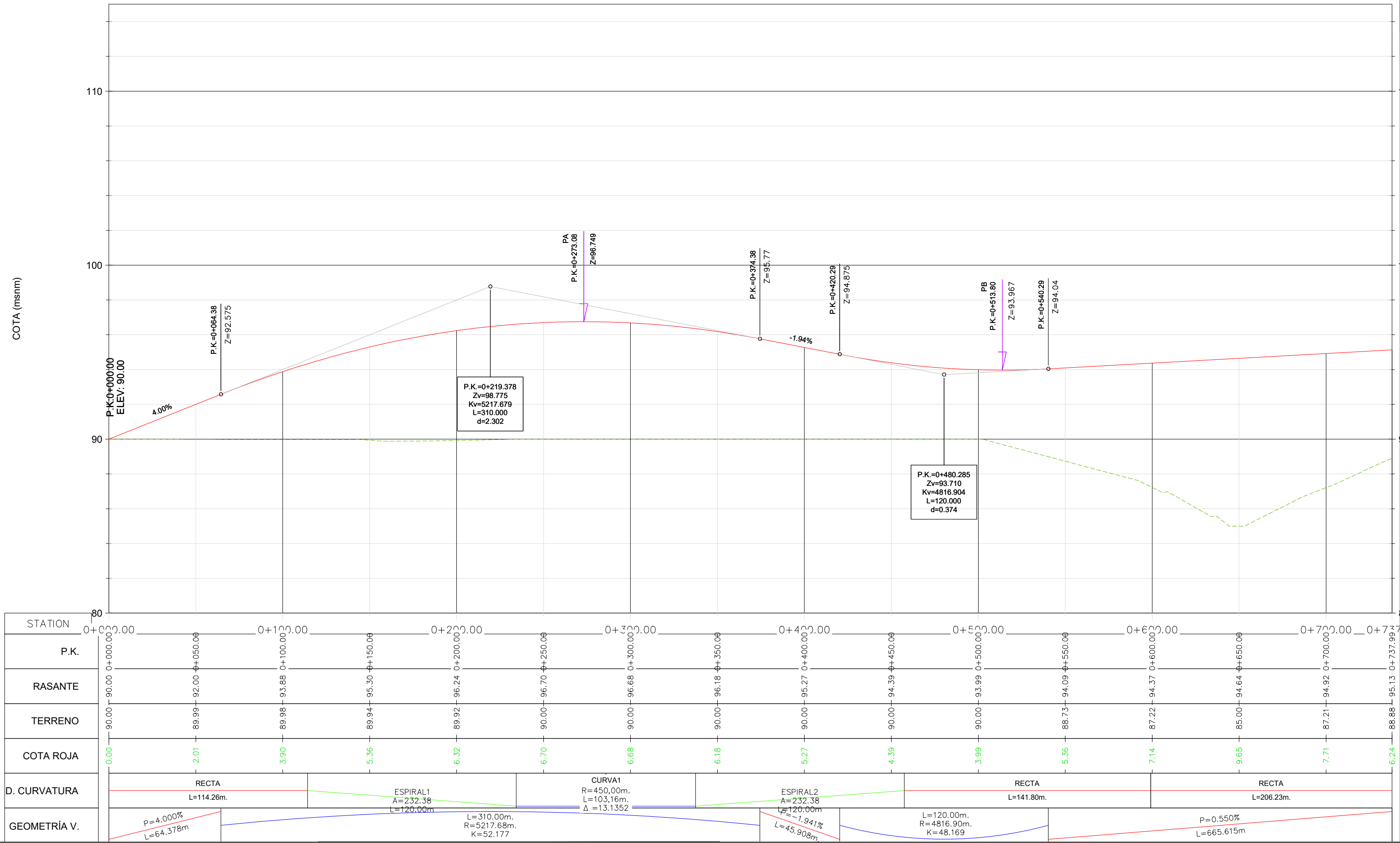
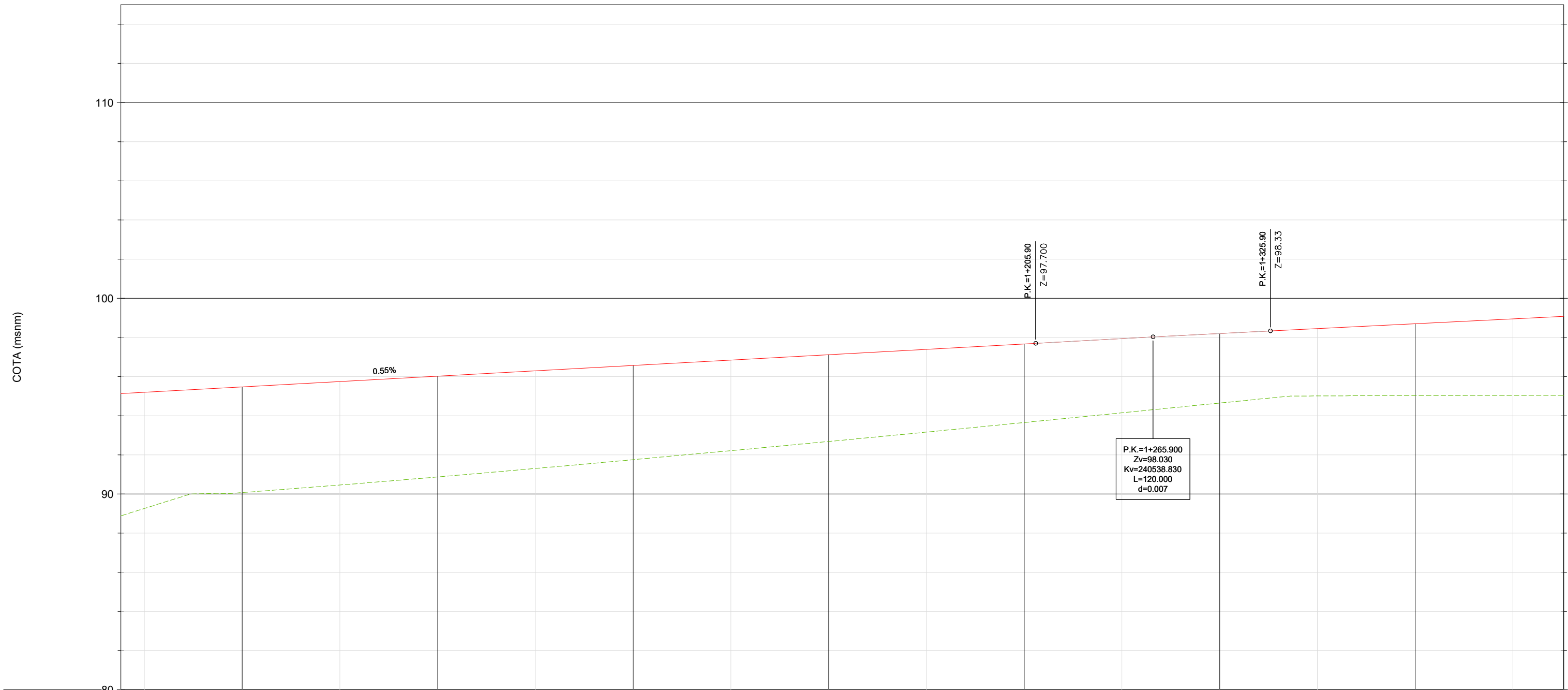


Perfil Longitudinal: AM2
Escala - V: 100 H:1000

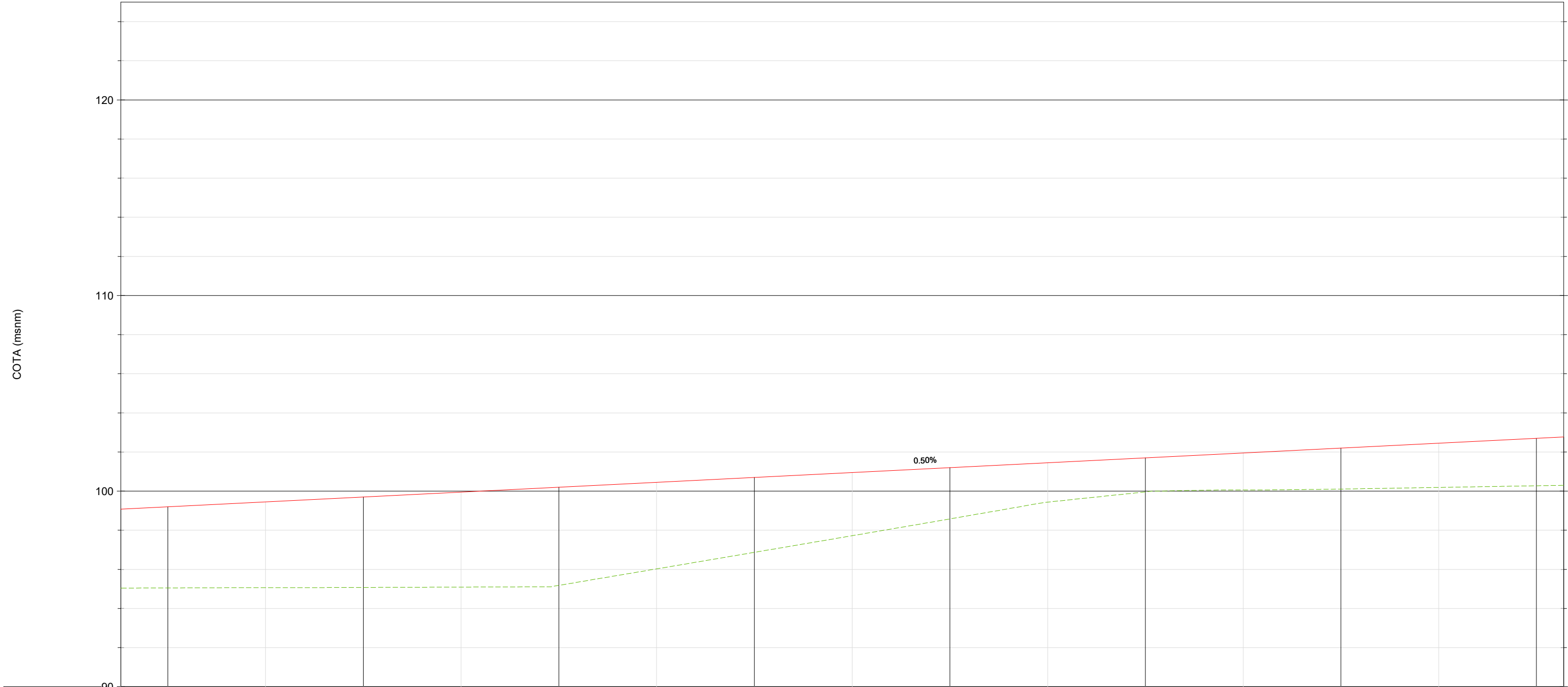


Perfil Longitudinal: AM2
Escala - V: 100 H:1000



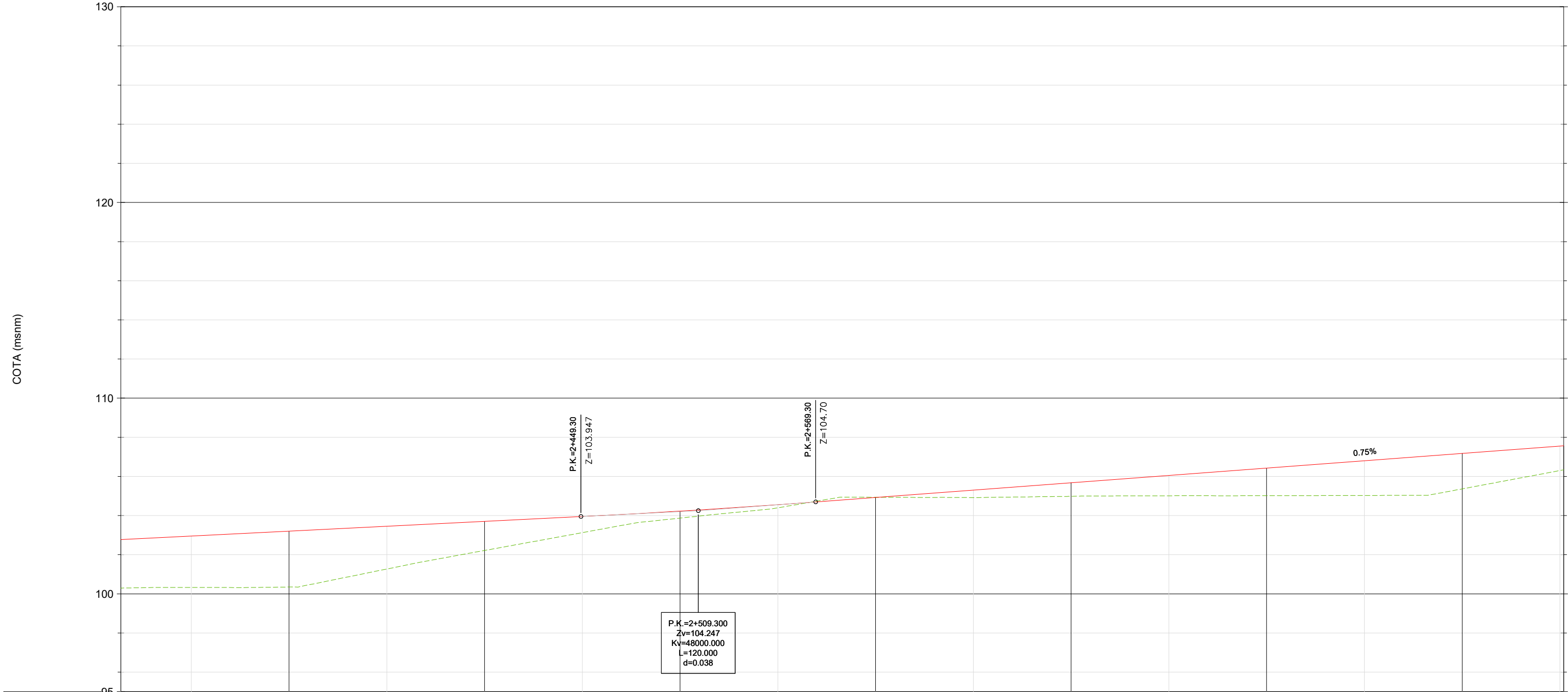
STATION	0+737.99										0+800.00										0+900.00										1+000.00										1+100.00										1+200.00										1+300.00										1+400.00										1+475.99																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
P.K.	0+737.99										0+800.00										0+900.00										1+000.00										1+100.00										1+200.00										1+300.00										1+400.00										1+475.99																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
RASANTE	95.13										95.47										96.02										96.57										97.12										97.67										98.20										98.70										99.08																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
TERRENO	88.88										90.07										90.46										91.30										91.75										92.21										92.68										93.16										93.65										94.15										94.65										95.01										95.02										95.03										95.04																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
COTA ROJA	6.24										5.93										5.40										5.28										5.15										4.99										4.81										4.63										4.43										4.23										4.02										3.79										3.55										3.44										3.68										3.92										4.04																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
D. CURVATURA	RECTA L=206.23m.										ESPIRAL1 A=232.38 L=120.00m										CURVA3 R=450.00m. L=290.25m. Δ =36.9562										ESPIRAL2 A=232.38 L=120.00m										RECTA L=408.35m.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
GEOMETRÍA V.	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L=665.615m										P=0.550% L=665.615m										P=0.550% L=665.615m										P=0.550% L=665.615m										P=0.550% L=665.615m										P=0.550% L=665.615m										P=0.550% L=665.615m										P=0.550% L=665.615m										P=0.550% L=665.615m										P=0.550% L=665.615m										P=0.550% L=665.615m										P=0.550% L=665.615m										P=0.550% L=665.615m										P=0.550% L=665.615m										P=0.550% L=665.615m										P=0.550% L=665.615m										P=0.550% L=665.615m										P=0.550% L=665.615m										P=0.550% L=665.615m										P=0.550% L=665.615m										P=0.550% L=665.615m										P=0.550% L=665.615m										P=0.550% L=665.615m										P=0.550% L=665.615m										P=0.550% L=665.6									

Perfil Longitudinal: AM2
Escala - V: 100 H:1000



STATION	1+475.99 1+500.00 1+550.00 1+600.00 1+650.00 1+700.00 1+750.00 1+800.00 1+850.00 1+900.00 1+950.00 2+000.00 2+050.00 2+100.00 2+150.00 2+200.00 2+213.98																
P.K.	1+475.99 1+500.00 1+550.00 1+600.00 1+650.00 1+700.00 1+750.00 1+800.00 1+850.00 1+900.00 1+950.00 2+000.00 2+050.00 2+100.00 2+150.00 2+200.00 2+213.98																
RASANTE	99.08 99.20 99.45 99.70 99.95 100.20 100.45 100.70 100.95 101.20 101.45 101.70 101.95 102.20 102.45 102.70 102.77																
TERRENO	95.04 95.05 95.07 95.08 95.09 95.18 96.02 96.87 97.72 98.58 99.44 99.96 100.06 100.10 100.19 100.27 100.30																
COTA ROJA	4.04 4.15 4.38 4.63 4.86 5.02 4.43 3.83 3.23 2.62 2.01 1.74 1.89 2.10 2.26 2.43 2.47																
D. CURVATURA	RECTA L=408.35m. ESPIRAL1 A=527.05 L=138.89m CURVA4 R=2000.00m. L=254.92m. Δ=7.3031 ESPIRAL2 A=527.05 L=138.89m																
GEOMETRÍA V.	P=0.500% L=1123.400m																

Perfil Longitudinal: AM2
Escala - V: 100 H:1000



STATION	2+213.98 2+250.00 2+300.00 2+400.00 2+500.00 2+600.00 2+700.00 2+800.00 2+900.00 2+951.98														
P.K.	2+213.98 2+250.00 2+300.00 2+400.00 2+500.00 2+600.00 2+700.00 2+800.00 2+900.00 2+951.98														
RASANTE	102.77 102.95 103.20 103.45 103.70 104.23 104.56 104.93 105.30 105.68 106.05 106.43 106.80 107.18 107.57														
TERRENO	100.30 100.33 100.35 101.27 102.22 103.13 103.87 104.46 104.94 104.99 105.01 105.02 105.03 105.36 106.34														
COTA ROJA	2.47 2.62 2.85 2.18 1.48 0.82 0.36 0.16 0.01 0.38 0.69 1.04 1.41 1.77 1.81 1.23														
D. CURVATURA	ESPIRAL2 A=527.05 L=138.89m RECTA L=833.06m.														
GEOMETRÍA V.	P=0.500% L=1123.400m L=120.00m. R=48000.00m. K=480.000 P=0.750% L=562.588m														



UNIVERSIDAD
POLITECNICA
DE VALENCIA



ANÁLISIS FUNCIONAL Y PROPUESTA DE MEJORA DEL NUDO ENTRE
LAS AUTOVÍAS A-7 Y A-3 ENTRE LOS PP.KK. 335+000 Y 336+850
(PROVINCIA DE VALENCIA)

PLANO:

ALTERNATIVA 2 -CALZADA 2
Alicante-Madrid

AUTOR:

Luis Gabriel Buitrago Pinzón

FECHA

FEBRERO 2026

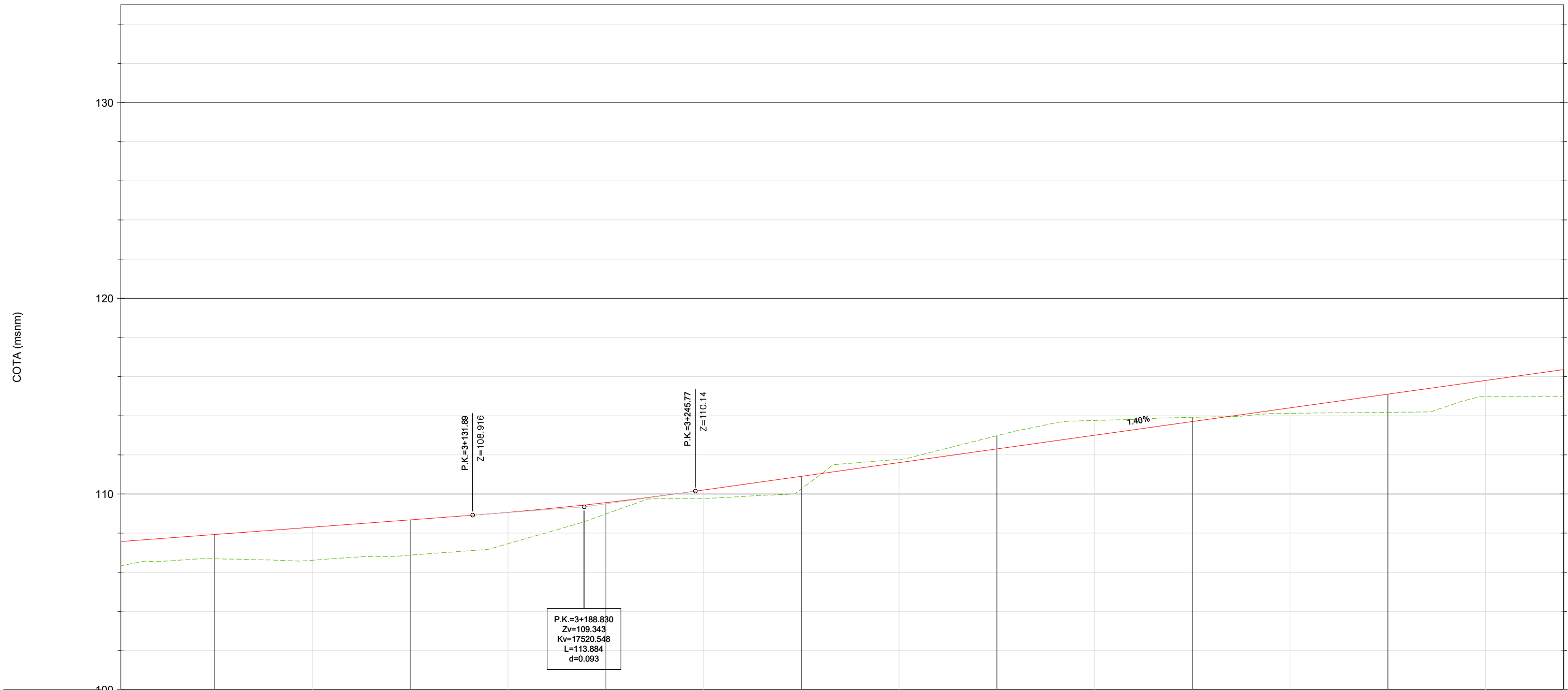
PLANO Nº 4

HOJA 4 DE 8

ESCALA:

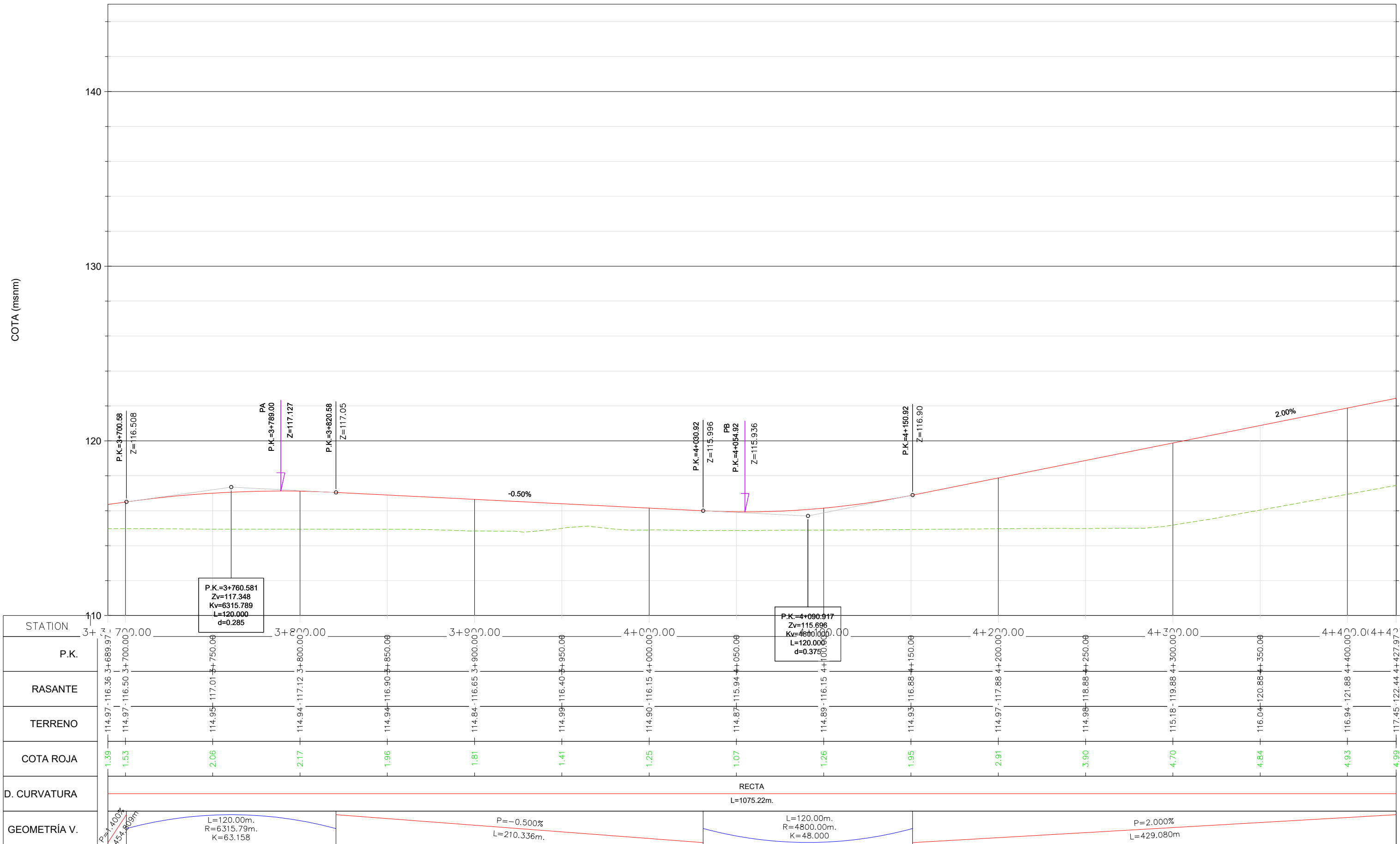
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Perfil Longitudinal: AM2
Escala - V: 100 H:1000

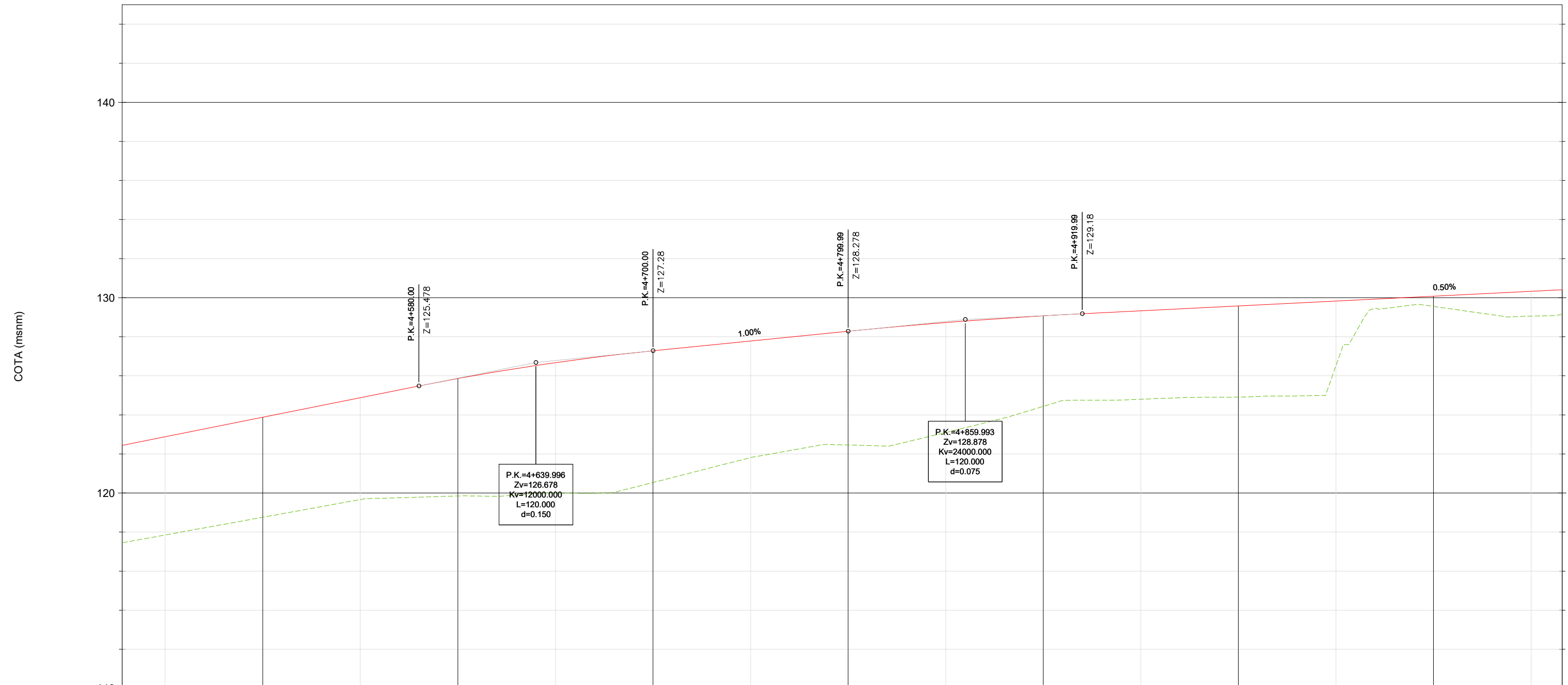


STATION	2+951.98	3+000.00	3+100.00	3+200.00	3+300.00	3+400.00	3+500.00	3+600.00	3+689.97
P.K.	2+951.98	3+000.00	3+100.00	3+200.00	3+300.00	3+400.00	3+500.00	3+600.00	3+689.97
RASANTE	106.57	107.93	108.30	108.68	109.56	111.60	113.00	114.40	116.36
TERRENO	106.34	106.69	106.62	106.88	107.46	110.26	113.76	114.12	114.97
COTA ROJA	1.23	1.24	1.68	1.80	1.60	0.58	0.43	0.64	0.17
D. CURVATURA	RECTA L=833.06m.		ESPIRAL1 A=527.05 L=138.89m. L=113.88m. R=17520.55m. K=175.205		CURVA5 R=2000.00m. L=277.19m. Δ = 7.9409		ESPIRAL2 A=527.05 L=138.89m		RECTA L=1075.22m.
GEOMETRÍA V.	P=0.750% L=562.588m				P=1.400% L=454.809m				

Perfil Longitudinal: AM2
Escala - V: 100 H:1000

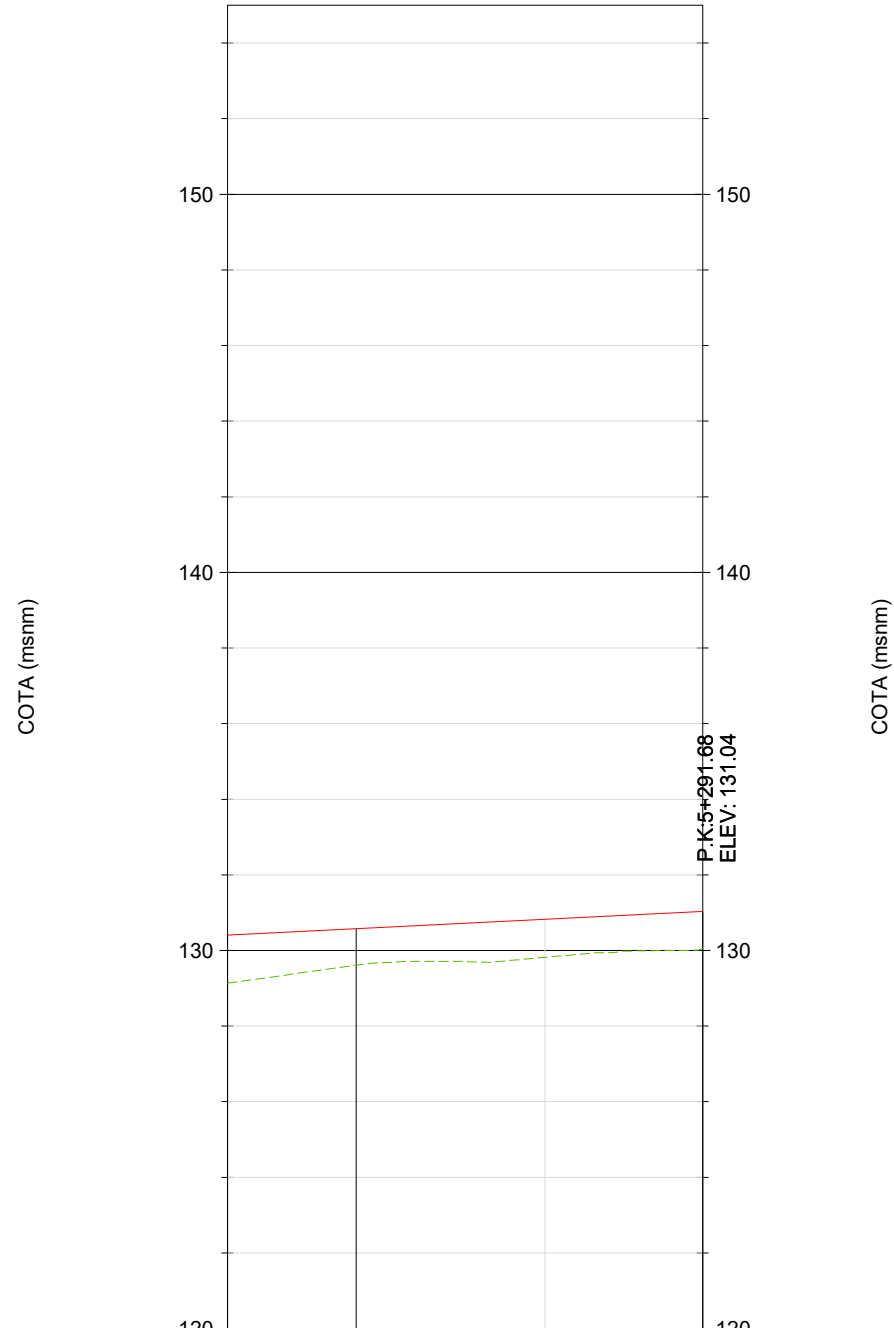


Perfil Longitudinal: AM2
Escala - V: 100 H:1000



STATION	4+427.97		4+500.00		4+600.00		4+700.00		4+800.00		4+900.00		5+000.00		5+100.00		5+165.96							
P.K.	4+427.97		4+500.00		4+600.00		4+700.00		4+800.00		4+900.00		5+000.00		5+100.00		5+165.96							
RASANTE	117.45	117.85	118.76	119.66	119.85	120.06	120.54	121.81	122.46	123.10	124.44	124.86	124.91	126.52	129.55	129.06	129.14							
TERRENO	117.45	117.85	118.76	119.66	119.85	120.06	120.54	121.81	122.46	123.10	124.44	124.86	124.91	126.52	129.55	129.06	129.14							
COTA ROJA	4.99	5.03	5.12	5.21	6.01	6.68	6.74	5.97	5.82	5.63	4.63	4.53	4.67	3.31	0.53	1.27	1.27							
D. CURVATURA	RECTA L=1075.22m.								ESPIRAL1 A=232.38 L=120.00m				CURVA6 R=450.00m. L=1.15m. Δ =0.1470 L=120.00m. R=24000.00m. K=240.000				ESPIRAL2 A=232.38 L=120.00m				RECTA L=310.52m.			
GEOMETRÍA V.	P=2.000% L=429.080m				L=120.00m. R=12000.00m. K=120.000				P=1.000% L=99.996m								P=0.500% L=371.690m							

Perfil Longitudinal: AM2
Escala - V: 100 H:1000



STATION	5+125.96	5+200.00	5+250.00	5+291.68
P.K.	125.96	200.00	250.00	291.68
RASANTE	130.41	130.58	130.83	131.04
TERRENO	129.14	129.61	129.82	130.06
COTA ROJA	1.27	0.97	1.01	0.97
D. CURVATURA	RECTA L=310.52m.			
GEOMETRÍA V.	P=0.500% L=371.690m			



UNIVERSIDAD
POLITECNICA
DE VALENCIA



ANÁLISIS FUNCIONAL Y PROPUESTA DE MEJORA DEL NUDO ENTRE
LAS AUTOVÍAS A-7 Y A-3 ENTRE LOS PP.KK. 335+000 Y 336+850
(PROVINCIA DE VALENCIA)

PLANO:

ALTERNATIVA 2 -CALZADA 2
Alicante-Madrid

AUTOR:

Luis Gabriel Buitrago Pinzón

FECHA
FEBRERO 2026
PLANO Nº 4
HOJA 8 DE 8

ESCALA:
1:2000