

TORINO - IVREA - QUINCINETTO

IVREA - SANTHIA'

SISTEMA AUTOSTRADALE
TANGENZIALE DI TORINO

VISTO per ATIVA S.p.A.



Amministratore Delegato
Dott. Ing. LUIGI CRESTA

AUTOSTRADA A4/A5 - A5 TORINO QUINCINETTO IVREA SANTHIA'

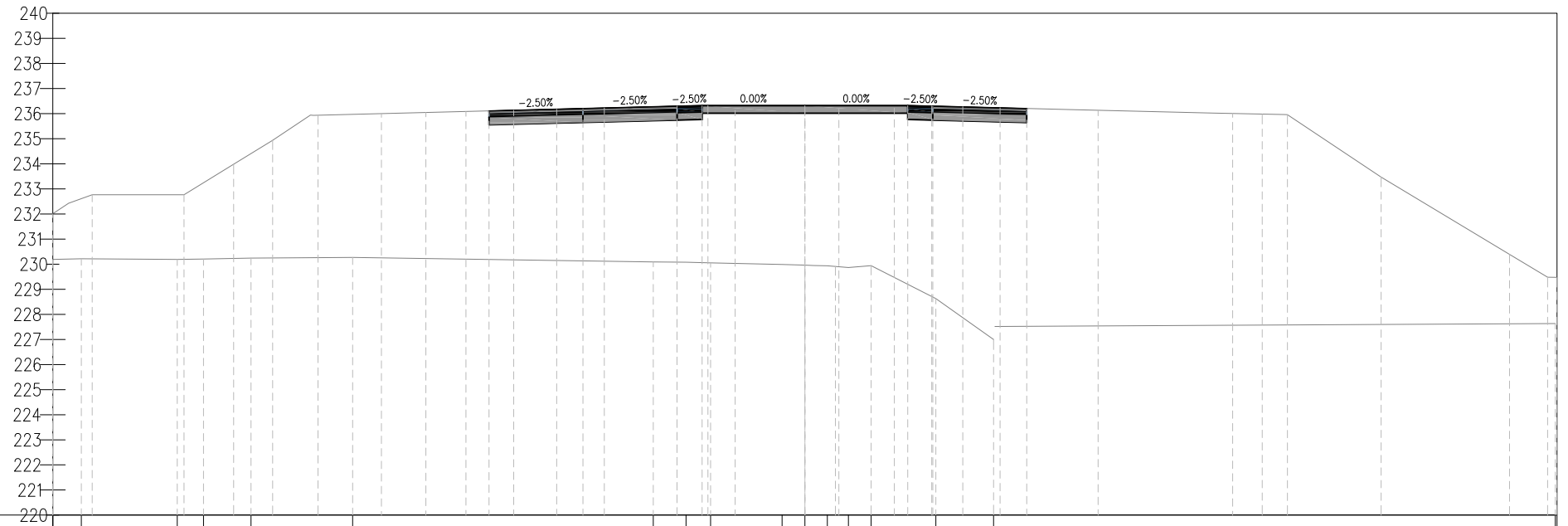
NODO IDRAULICO DI IVREA 2° FASE DI COMPLETAMENTO

PROGETTO DEFINITIVO

LOTTO 1 - INTERCONNESSIONE DI PAVONE SEZIONI TRASVERSALI RAMPA E

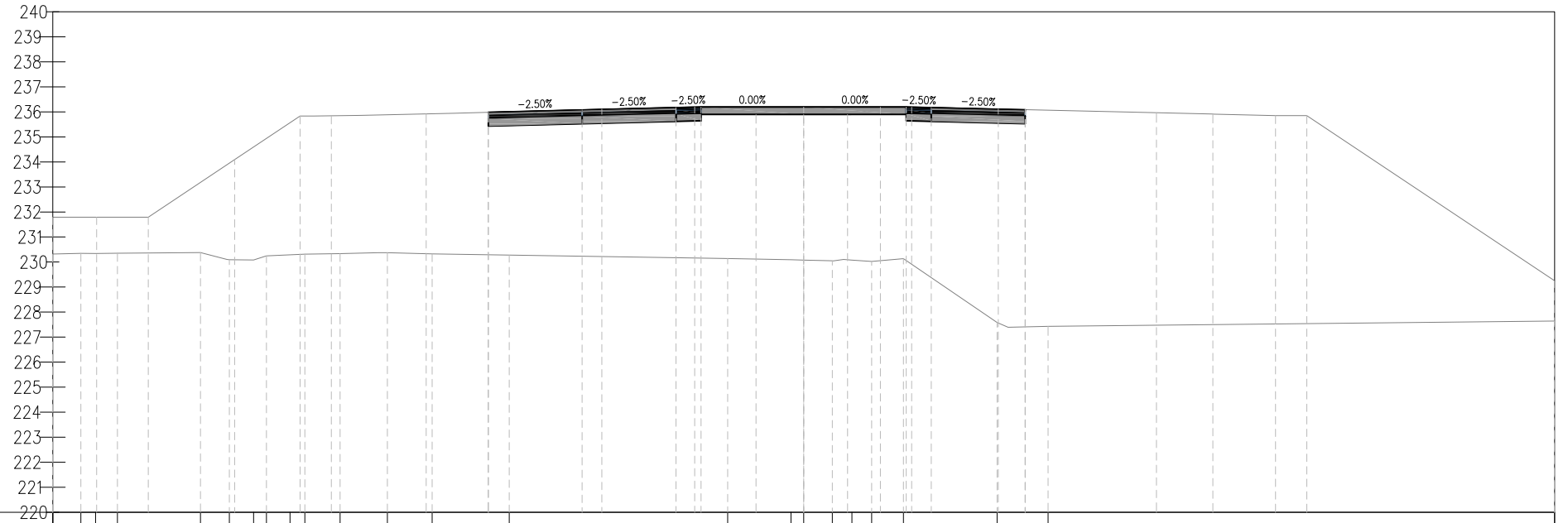
IL PROGETTISTA	REDATTO	CONTROLLATO	APPROVATO				
 <i>Il Direttore Tecnico</i> Dott. Ing. ROBERTO PETRALI ordine degli Ingegneri di Milano n° 14638	ATIVA ENGINEERING D. Traversa	ATIVA ENGINEERING F. Racca	ATIVA ENGINEERING V. Palmisano				
	DATA GIUGNO 2012	REVISIONE	DATA				
	SCALA 1 : 250						
	UFFICIO	COMMESSA	N° PROGETTO	FASE	ARGOMENTO	N° ELABORATO	REV
	SSP0101	A050000	PD	STD	107	-	-

Rampa E_lvrea - Santhià
 Sez. E1
 Progr : 0+265.00
 Scala : 1:250
 Q.Rif. : 220.00



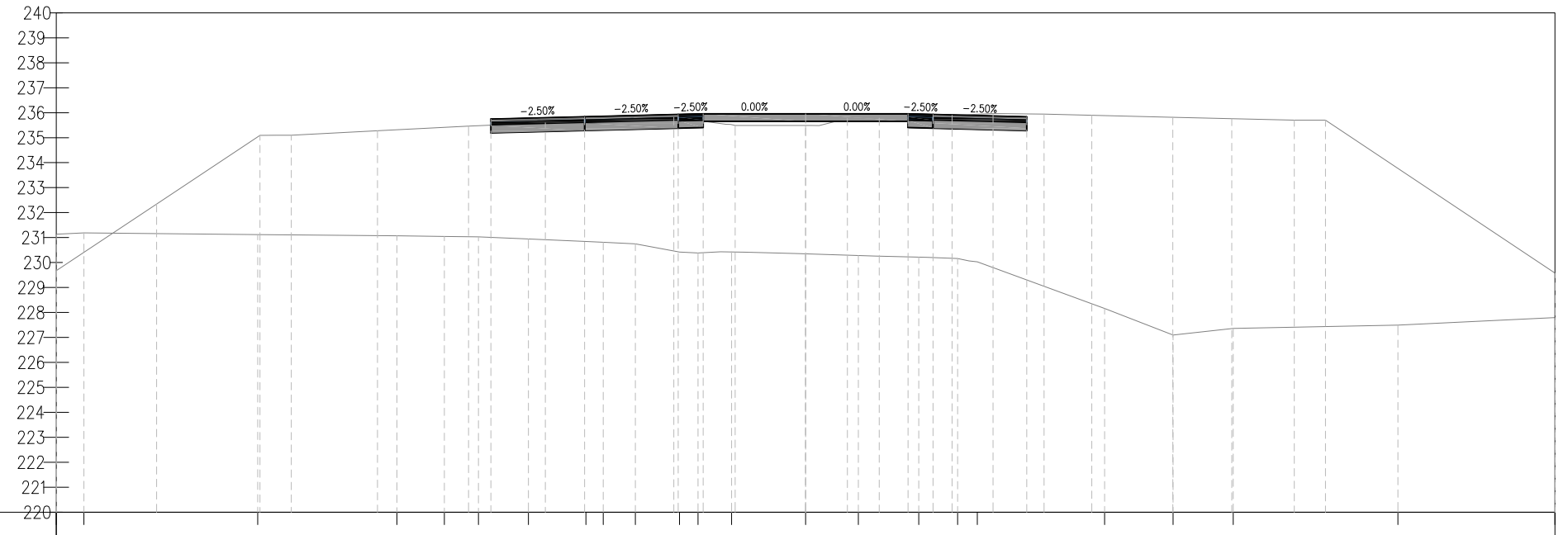
PROGRESSIVE TERRENO	36.00	-28.86	-25.04	-23.99	-22.09	-18.04	-6.05	-4.74	-3.76	-0.91	0.00	0.89	1.74	2.64	5.22	7.53	29.93
QUOTE TERRENO	230.19	230.21	230.19	230.20	230.24	230.27	230.09	230.08	230.05	229.99	229.96	229.93	229.87	229.94	228.63	227.00	227.63
DISTANZE PARZIALI TERRENO	1.14	3.83	1.05	1.90	4.05	11.99	1.31	0.98	2.85	0.91	0.54	0.52	0.90	2.58	2.30	22.36	
PROGRESSIVE PROGETTO						-12.60	-8.85	-5.10	-4.10	0.00	4.10	5.10	8.85				
QUOTE PROGETTO						236.10	236.20	236.29	236.32	236.32	236.32	236.29	236.29	236.20			
DISTANZE PARZIALI PROGETTO						3.75	3.75	1.00	4.10	4.10	1.00	3.75					

Rampa E_lvrea - Santhià
 Sez. E2
 Progr : 0+275.00
 Scala : 1:250
 Q.Rif. : 220.00



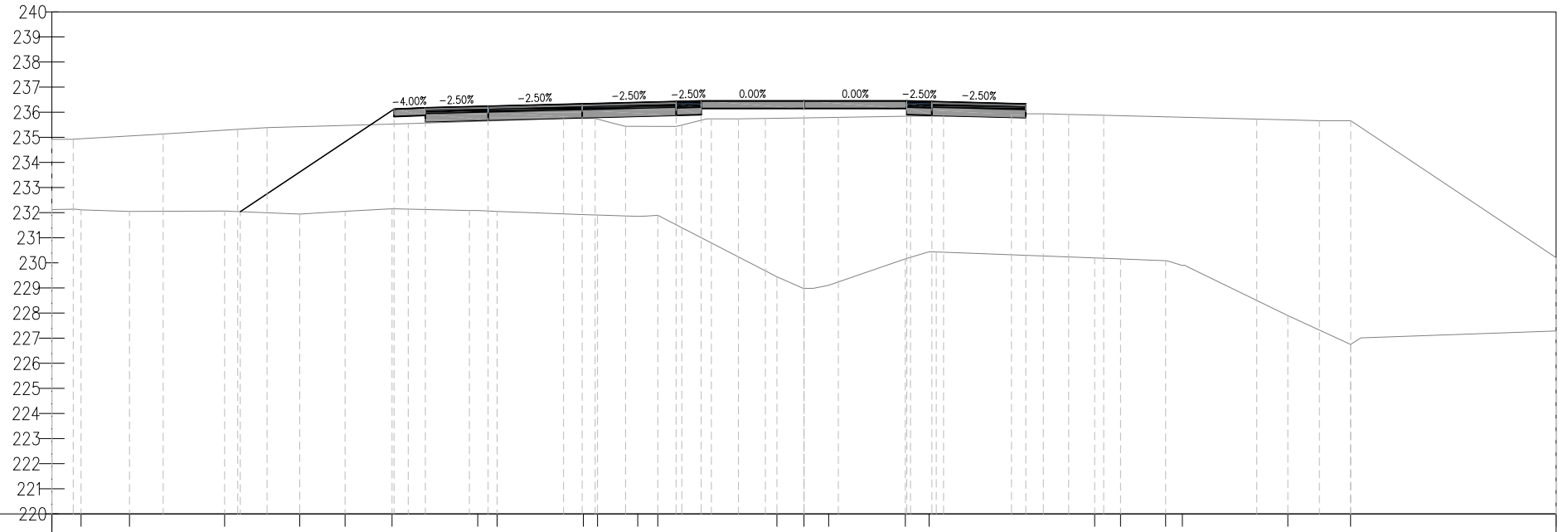
PROGRESSIVE TERRENO	30.00	28.87	28.29	27.42	24.10	22.94	21.97	20.52	19.93	18.52	16.63	14.84	11.76	3.04	0.51	0.00	1.14	1.93	2.71	3.99	7.73	9.77	30.00
QUOTE TERRENO	230.32	230.35	230.34	230.35	230.38	230.09	230.08	230.25	230.29	230.31	230.34	230.37	230.32	230.28	230.14	230.08	230.05	230.08	230.03	230.14	227.58	227.43	227.64
DISTANZE PARZIALI TERRENO	1.13	0.58	0.87	3.32	1.06	0.97	0.51	0.94	0.60	1.41	1.50	1.79	3.08	8.72	2.50	0.51	1.14	0.78	1.27	3.74	1.60	20.23	
PROGRESSIVE PROGETTO													-12.60	-8.85	-5.10	-4.10	0.00	4.10	5.10	8.85			
QUOTE PROGETTO													235.98	236.08	236.17	236.20	236.20	236.20	236.17	236.08	236.08		
DISTANZE PARZIALI PROGETTO													3.75	3.75	1.00	4.10	4.10	1.00	3.75				

Rampa E_lvrea - Santhià
 Sez. E4
 Progr : 0+325.00
 Scala : 1:250
 Q.Rif. : 220.00



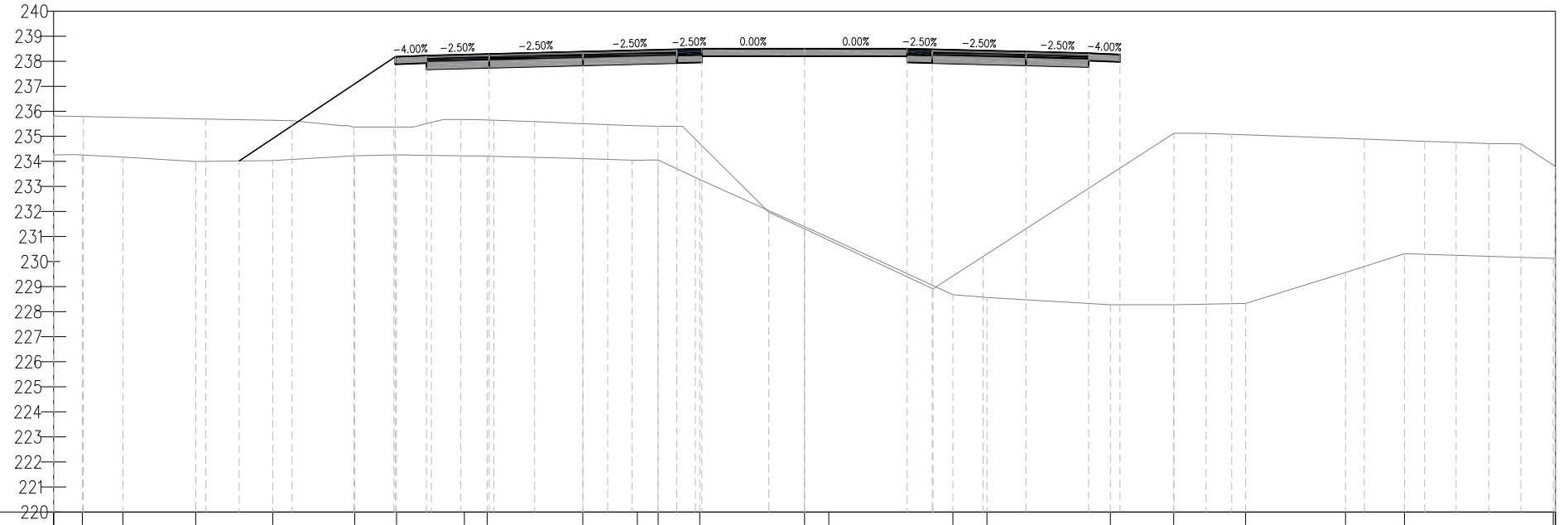
PROGRESSIVE TERRENO	30.00	-28.90		-21.93		-16.36	-14.46	-13.10	-11.10	-8.80	-8.10	-6.82	-5.05	-4.31	-2.96	0.00	2.11	4.53	6.09	6.87		11.97	14.71	17.12		23.71	30.00
QUOTE TERRENO	231.14	231.19		231.12		231.07	231.04	231.03	230.94	230.85	230.81	230.75	230.42	230.38	230.43	230.34	230.28	230.22	230.16	230.03		228.16	227.10	227.36		227.49	227.80
DISTANZE PARZIALI TERRENO	1.10	6.96		5.57		1.90	1.37	2.00	2.30	0.69	1.28	1.77	0.74	0.90	2.96	2.11	2.42	1.23			5.10	2.74	2.41		6.59	6.29	
PROGRESSIVE PROGETTO								-12.60		-8.85			-5.10	-4.10		0.00		4.10	5.10						8.85		
QUOTE PROGETTO								235.74		235.84			235.93	235.95		235.95		235.95	235.93						235.84		
DISTANZE PARZIALI PROGETTO								3.75		3.75			1.00	4.10		4.10		1.00	3.75								

Rampa E_lvrea - Santhià
 Sez. E6
 Progr : 0+375.00
 Scala : 1:250
 Q.Rif. : 220.00



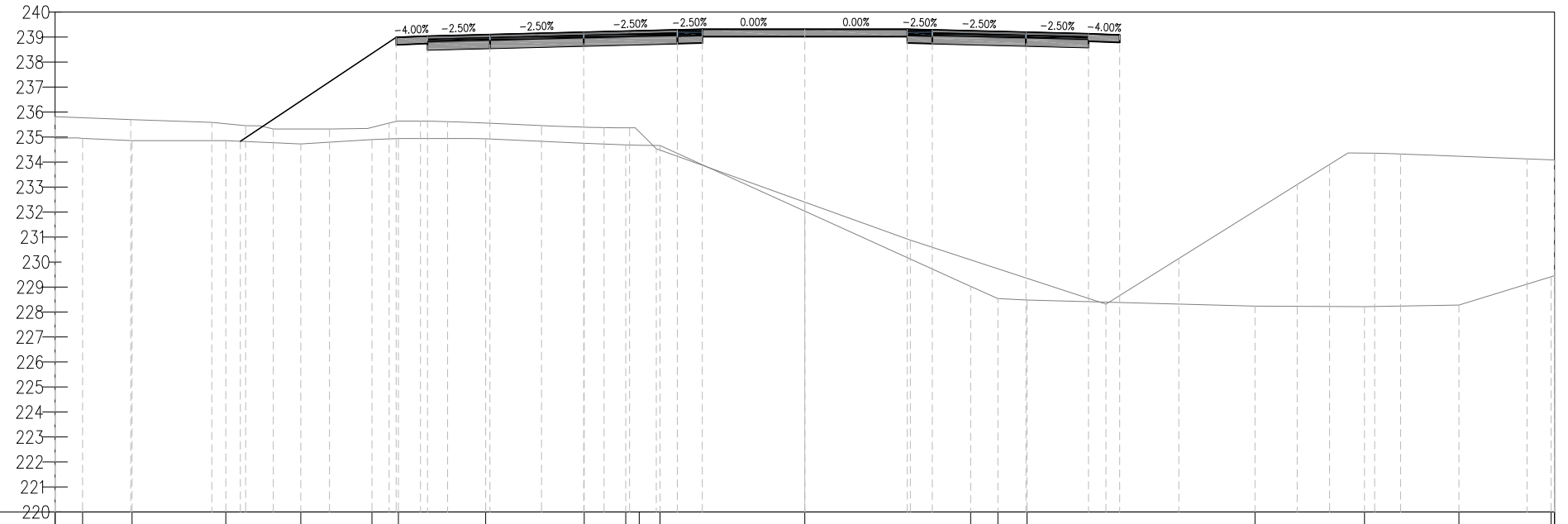
PROGRESSIVE TERRENO	30.00	28.84	26.90	23.11	20.11	18.30	16.43	13.01	12.24	8.80	8.23	6.63	5.83	1.08	0.00	0.98	4.04	4.99	11.60	12.63	14.43	15.09	19.30	21.81	30.00
QUOTE TERRENO	232.12	232.11	232.05	232.06	231.94	232.05	232.15	232.09	232.05	231.92	231.90	231.85	231.89	229.45	228.98	229.11	230.16	230.44	230.20	230.16	230.08	229.89	227.90	226.75	227.29
DISTANZE PARZIALI TERRENO	0.89	1.93	3.79	3.00	1.81	1.87	3.09	0.77	3.44	0.57	1.60	4.75	1.05	0.61	3.06	0.95	6.32	1.03	1.62	0.60	4.14	2.51	7.78		
PROGRESSIVE PROGETTO				-22.48			-16.35	-15.10	-12.60	-8.85		-5.10	-4.10	0.00		4.10	5.10	8.85							
QUOTE PROGETTO				232.04			236.13	236.18	236.24	236.33		236.43	236.45	236.45		236.45	236.43	236.33							
DISTANZE PARZIALI PROGETTO					6.13		1.25	2.50	3.75		3.75	1.00	4.10		4.10	1.00	3.75								

Rampa E_lvrea - Santhià
 Sez. E9
 Progr : 0+450.00
 Scala : 1:250
 Q.Rif. : 220.00



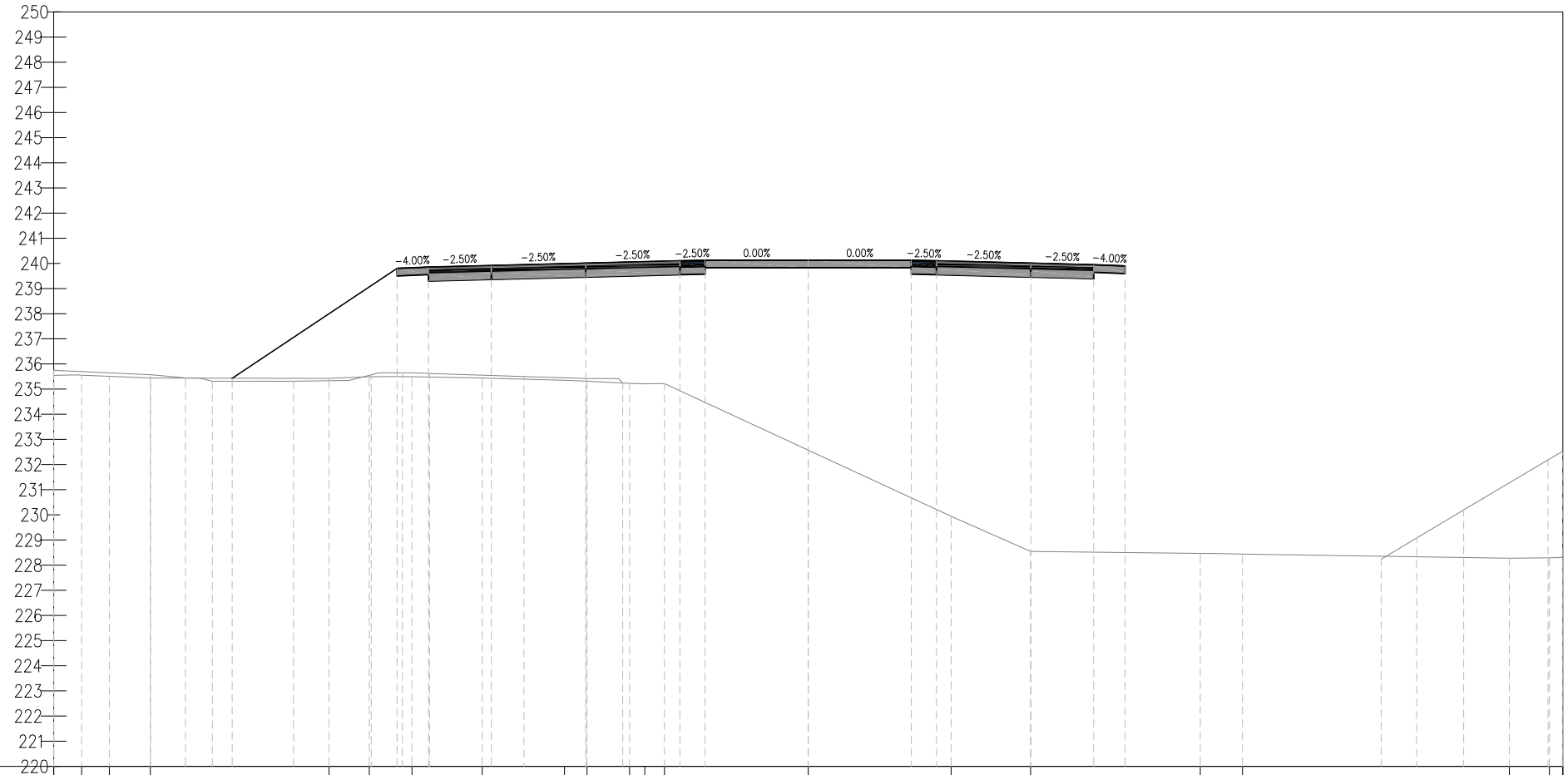
PROGRESSIVE TERRENO	30.00	-28.85	-27.23	-24.32	-21.25	-17.97	-16.30	-13.59	-12.68	-8.86	-6.68	-5.84	-4.19	0.00	0.97	5.93	7.29	12.22	14.75	17.62	21.61	23.97	29.00
QUOTE TERRENO	234.26	234.25	234.17	234.00	234.03	234.23	234.26	234.22	234.21	234.11	234.04	234.06	233.27	231.39	230.96	228.68	228.57	228.28	228.27	228.33	229.56	230.31	230.13
DISTANZE PARZIALI TERRENO	0.86	1.62	2.92	3.07	3.28	1.67	2.71	0.54	3.82	1.97	1.66	4.19	0.97	4.96	1.36	4.93	2.53	2.87	3.99	2.35	5.71		
PROGRESSIVE PROGETTO				-22.59		-16.35	-15.10	-12.60	-8.85	-5.10	-4.10	0.00	4.10	5.10	8.85	11.35	12.60						
QUOTE PROGETTO				234.02		238.18	238.23	238.29	238.38	238.48	238.50	238.50	238.50	238.48	238.38	238.32	238.27						
DISTANZE PARZIALI PROGETTO				6.24		1.25	2.50	3.75	3.75	1.00	4.10	4.10	1.00	3.75	2.50	1.25							

Rampa E_Ivrea - Santhià
 Sez. E10
 Progr : 0+475.00
 Scala : 1:250
 Q.Rif. : 220.00



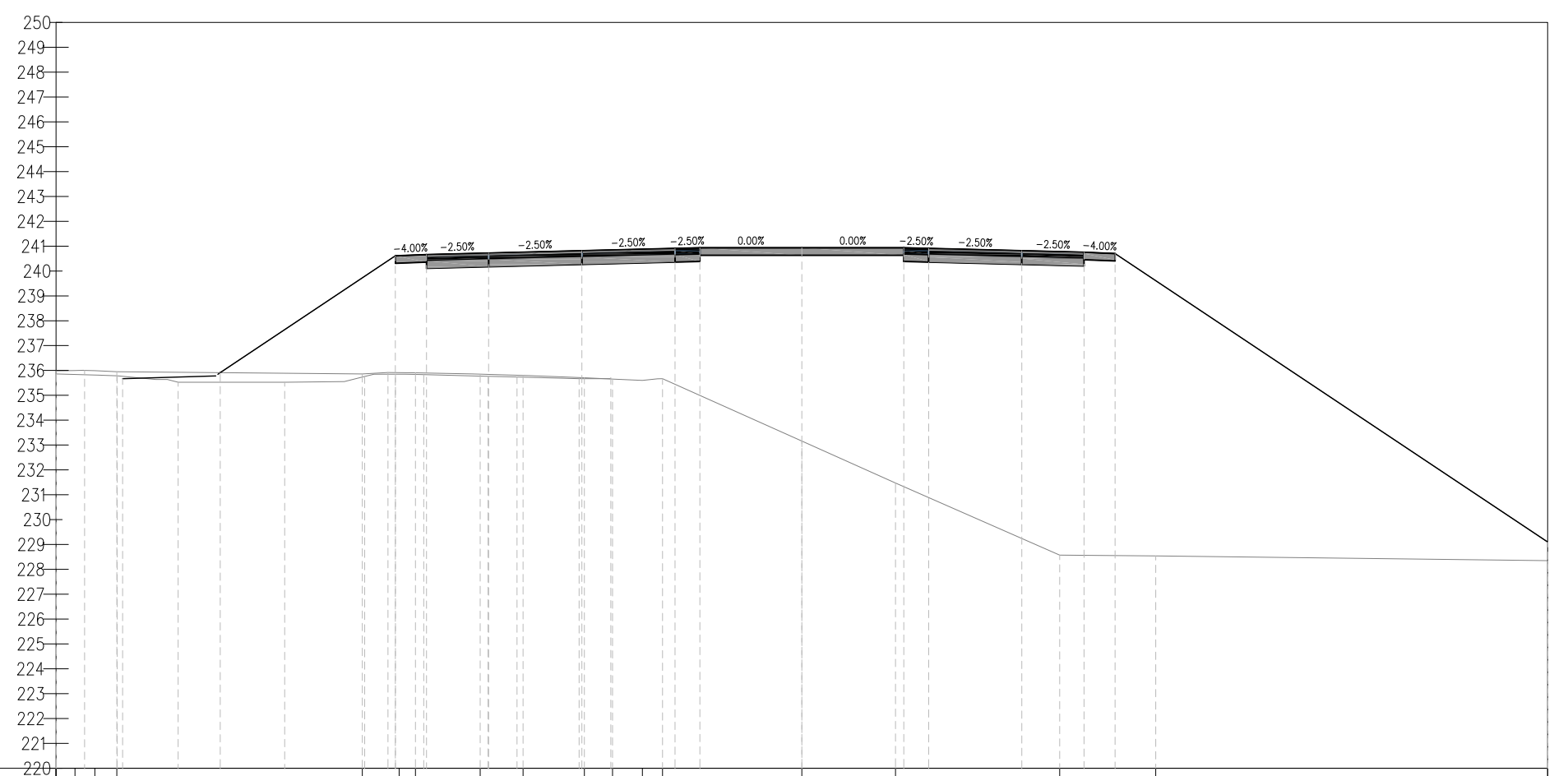
PROGRESSIVE TERRENO	30.00	28.90	26.92	23.17	20.17	17.32	16.26	12.77	8.83	7.17	6.63	0.00	6.63	7.73	8.89	18.01	22.39	26.18	30.66	
QUOTE TERRENO	234.95	234.95	234.85	234.86	234.73	234.90	234.94	234.93	234.75	234.69	234.67	234.66	232.03	229.02	228.53	228.48	228.23	228.22	228.28	229.43
DISTANZE PARZIALI TERRENO	0.83	1.98	3.75	3.00	2.84	1.06	2.99	3.94	1.66	0.54	5.80	6.63	1.10	1.16	9.12	4.38	3.78	3.69		
PROGRESSIVE PROGETTO				22.59		16.35	15.10	12.60	8.85	5.10	4.10	5.10	8.85	11.35	12.60					
QUOTE PROGETTO				234.83		238.99	239.04	239.10	239.20	239.29	239.31	239.31	239.31	239.31	239.20	239.13	239.08			
DISTANZE PARZIALI PROGETTO					6.24	1.25	2.50	3.75	3.75	1.00	4.10	4.10	1.00	3.75	2.50	1.25				

Rampa E_Ivrea - Santhià
 Sez. E11
 Progr : 0+500.00
 Scala : 1:250
 Q.Rif. : 220.00



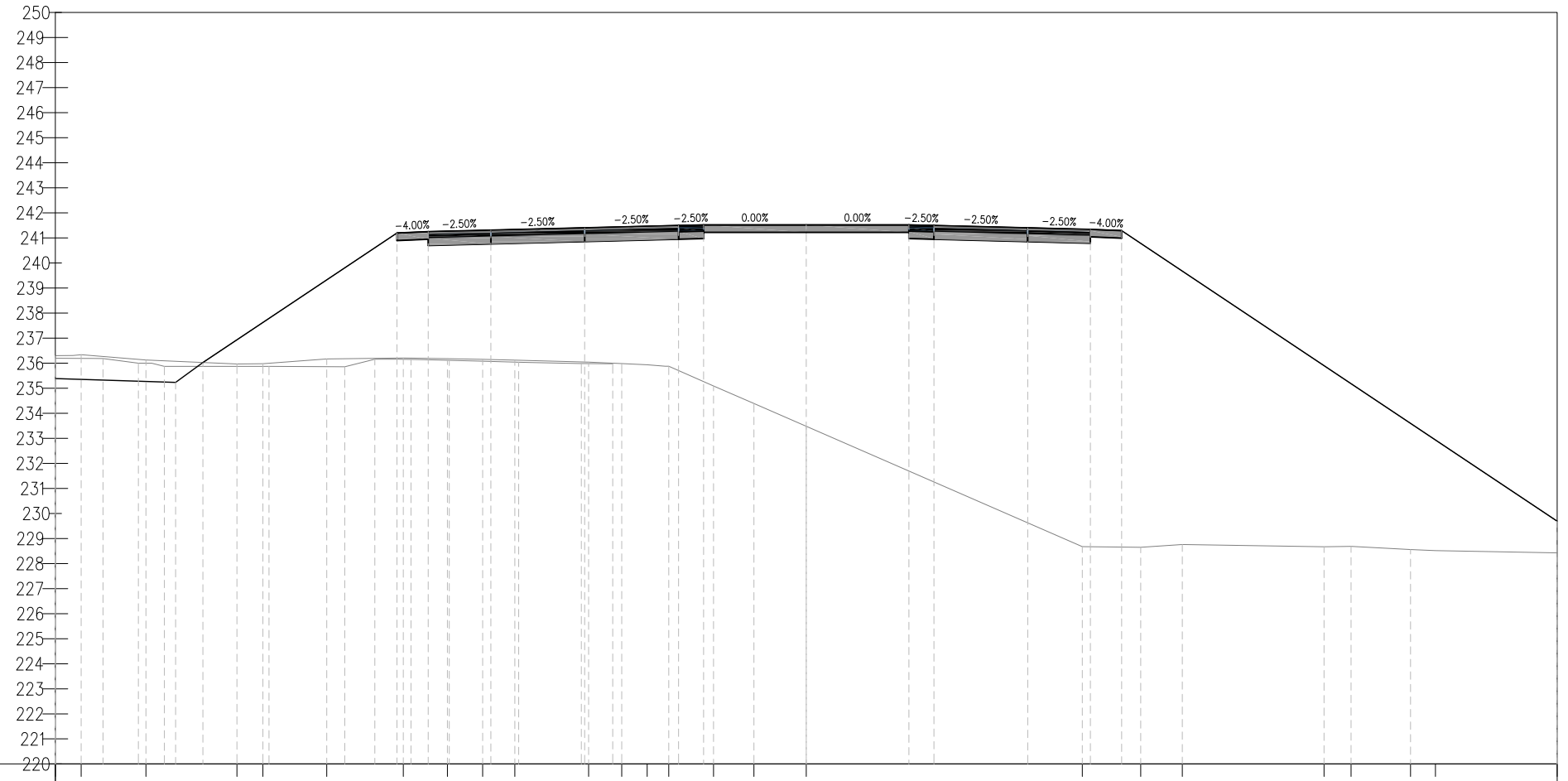
PROGRESSIVE TERRENO	30.00	28.89	27.79	26.16	19.05	17.46	15.75	12.96	9.69	8.80	7.10	6.50	5.72	0.00	5.68	8.84	15.59	17.27	27.88	28.47	30.00
QUOTE TERRENO	235.55	235.55	235.51	235.44	235.42	235.49	235.50	235.44	235.35	235.32	235.23	235.21	235.22	232.58	229.94	228.55	228.47	228.44	228.28	228.29	228.31
DISTANZE PARZIALI TERRENO	0.79	1.10	1.63	7.11	1.60	1.21	2.79	3.27	0.89	1.69	0.60	5.72	5.68	3.16	6.74	1.23	10.61	1.59	0.53		
PROGRESSIVE PROGETTO				-22.90		-16.35	-15.10	-12.60	-8.85		-5.10	-4.10	0.00	4.10	5.10	8.85	11.35	12.60			
QUOTE PROGETTO				235.43		239.80	239.85	239.91	240.01		240.10	240.13	240.13	240.13	240.10	240.01	239.95	239.90			
DISTANZE PARZIALI PROGETTO				6.55		1.25	2.50	3.75	3.75		1.00	4.10	4.10	1.00	3.75	2.50	1.25				

Rampa E_lvrea - Santhià
 Sez. E12
 Progr : 0+525.00
 Scala : 1:250
 Q.Rif. : 220.00



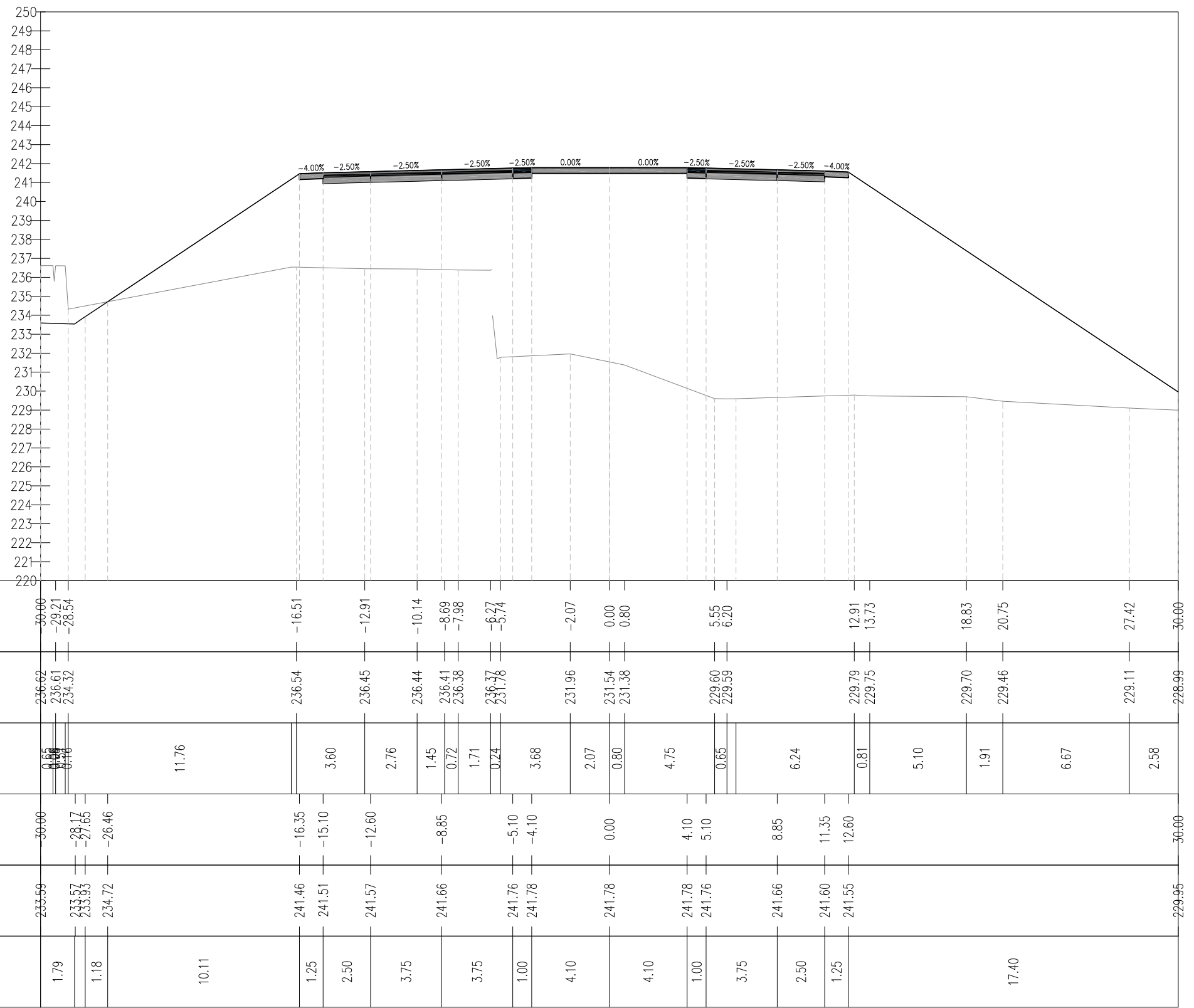
PROGRESSIVE TERRENO	30.00																			30.00							
QUOTE TERRENO	235.98	236.00	235.99	235.95				235.86	235.92	235.91		235.85	235.80	235.71	235.65	235.60	235.67		233.16	231.47	228.57	228.54	228.35				
DISTANZE PARZIALI TERRENO	0.76		0.89		9.87			1.03	0.66	2.61		1.72	2.47	1.14	1.20	0.61		5.60		3.77		6.60		3.86		15.76	
PROGRESSIVE PROGETTO			-27.32		-23.40				-16.35	-15.10		-12.60		-8.85		-5.10	-4.10		0.00		4.10	5.10	8.85	11.35	12.60		30.00
QUOTE PROGETTO			235.67		235.91				240.61	240.66		240.72		240.82		240.91	240.93		240.93		240.93	240.91	240.82	240.75	240.70		229.10
DISTANZE PARZIALI PROGETTO			3.75		7.05				1.25	2.50		3.75		3.75		1.00	4.10		4.10		1.00	3.75	2.50	1.25		17.40	

Rampa E_lvrea - Santhià
 Sez. E13
 Progr : 0+550.00
 Scala : 1:250
 Q.Rif. : 220.00

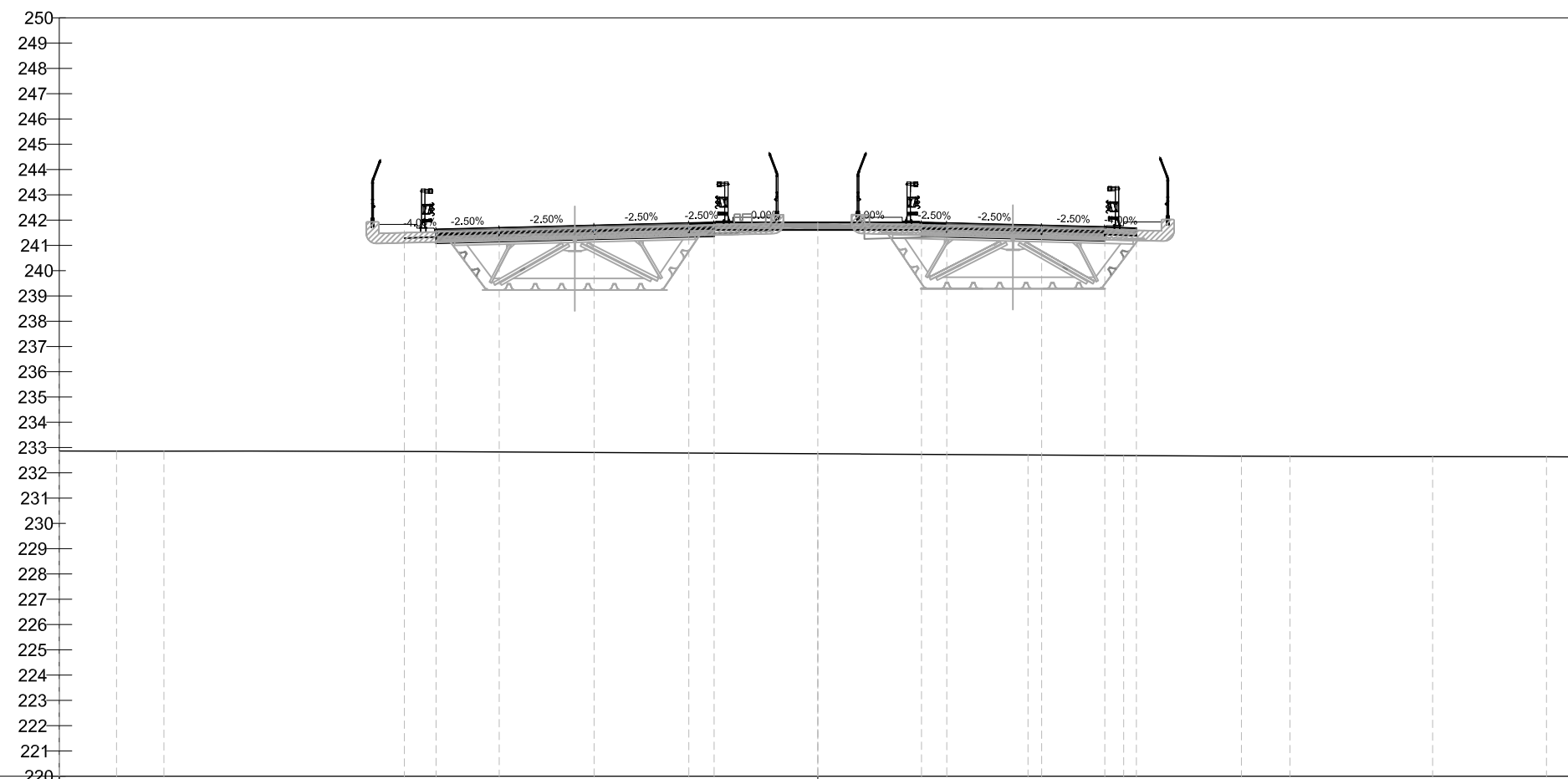


PROGRESSIVE TERRENO	30.00	-28.97	-26.38	-22.75	-21.71	-19.15	-16.10	-14.34	-12.93	-11.64	-8.70	-7.37	-6.36	-5.49	-3.70	-2.09	0.00	11.03	13.36	15.02	20.69	21.76	24.14	25.14	30.00
QUOTE TERRENO	236.30	236.34	236.13	235.97	235.98	236.17	236.21	236.18	236.16	236.12	236.04	235.98	235.94	235.88	235.09	234.39	233.48	228.67	228.65	228.76	228.67	228.69	228.56	228.52	228.43
DISTANZE PARZIALI TERRENO	0.71	2.59	3.63	1.04	2.55	3.06	1.76	1.41	1.29	2.95	1.33	1.01	0.73	1.79	1.61	2.09	11.03	2.33	1.66	5.67	1.08	2.38	1.00	4.86	
PROGRESSIVE PROGETTO	30.00	-24.73	-24.10	-16.35	-15.10	-12.60	-8.85	-5.10	-4.10	0.00	4.10	5.10	8.85	11.35	12.60	30.00									
QUOTE PROGETTO	235.38	235.58	236.03	241.20	241.25	241.31	241.40	241.50	241.52	241.52	241.52	241.52	241.40	241.34	241.29	229.69									
DISTANZE PARZIALI PROGETTO	4.81	0.47	0.62	7.75	1.25	2.50	3.75	3.75	1.00	4.10	4.10	1.00	3.75	2.50	1.25	17.40									

Rampa E_lvrea - Santhià
 Sez. E14
 Progr : 0+575.00
 Scala : 1:250
 Q.Rif. : 220.00

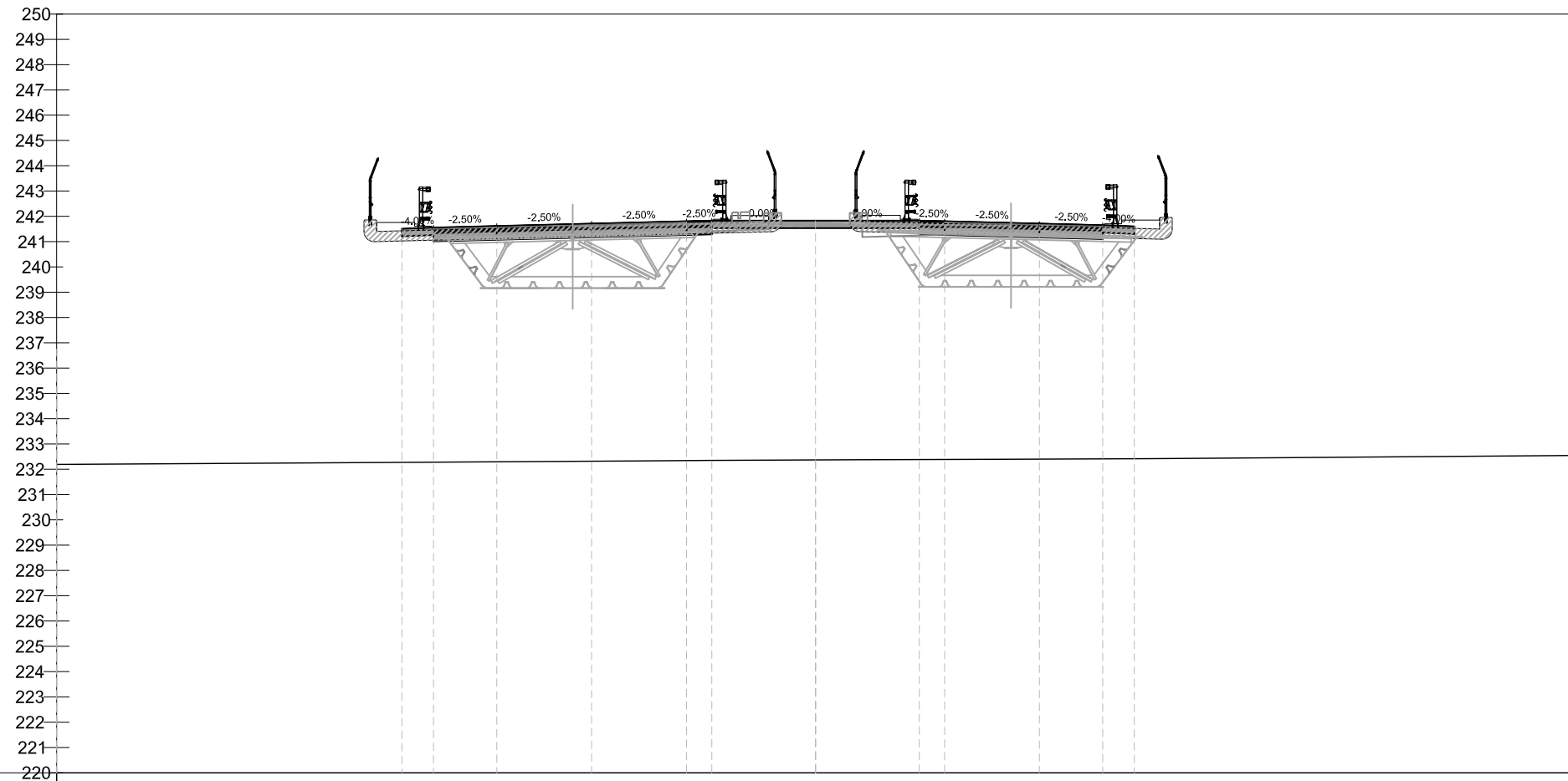


Rampa E_lvrea - Santhià
 Sez. E15
 Progr : 0+600.00
 Scala : 1:250
 Q.Rif. : 220.00



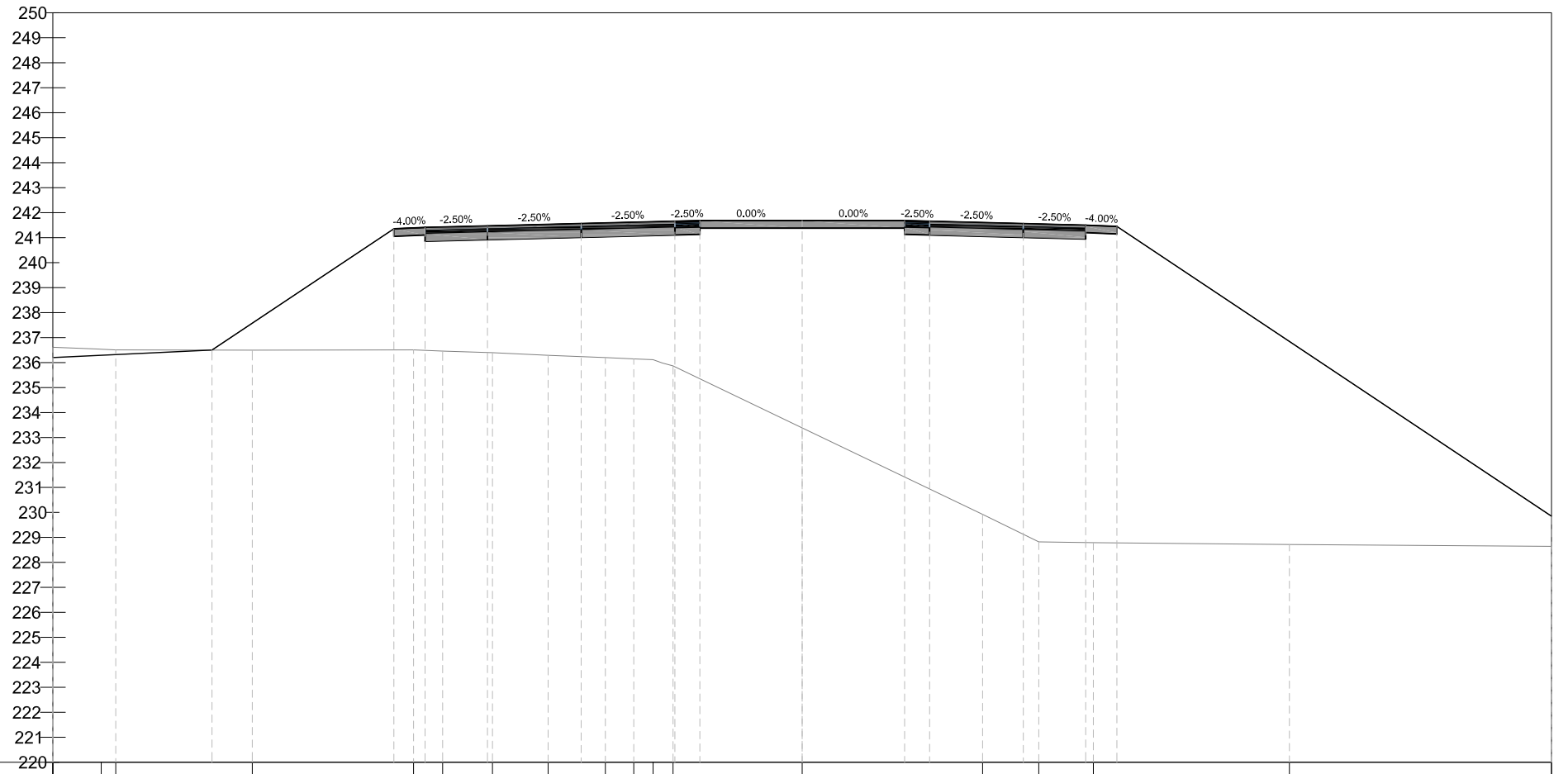
PROGRESSIVE TERRENO	0.00											
QUOTE TERRENO	229.86											
DISTANZE PARZIALI TERRENO												
PROGRESSIVE PROGETTO	-16.35	-15.10	-8.85	-5.10	-4.10	0.00	4.10	5.10	8.85	11.35	12.60	
QUOTE PROGETTO	241.58	241.63	241.79	241.88	241.91	241.91	241.91	241.88	241.79	241.73	241.68	
DISTANZE PARZIALI PROGETTO	1.25	2.50		1.00	4.10	4.10	1.00	3.75	2.50	1.25		

Rampa E_Ivrea - Santhià
 Sez. E16
 Progr : 0+625.00
 Scala : 1:250
 Q.Rif. : 220.00



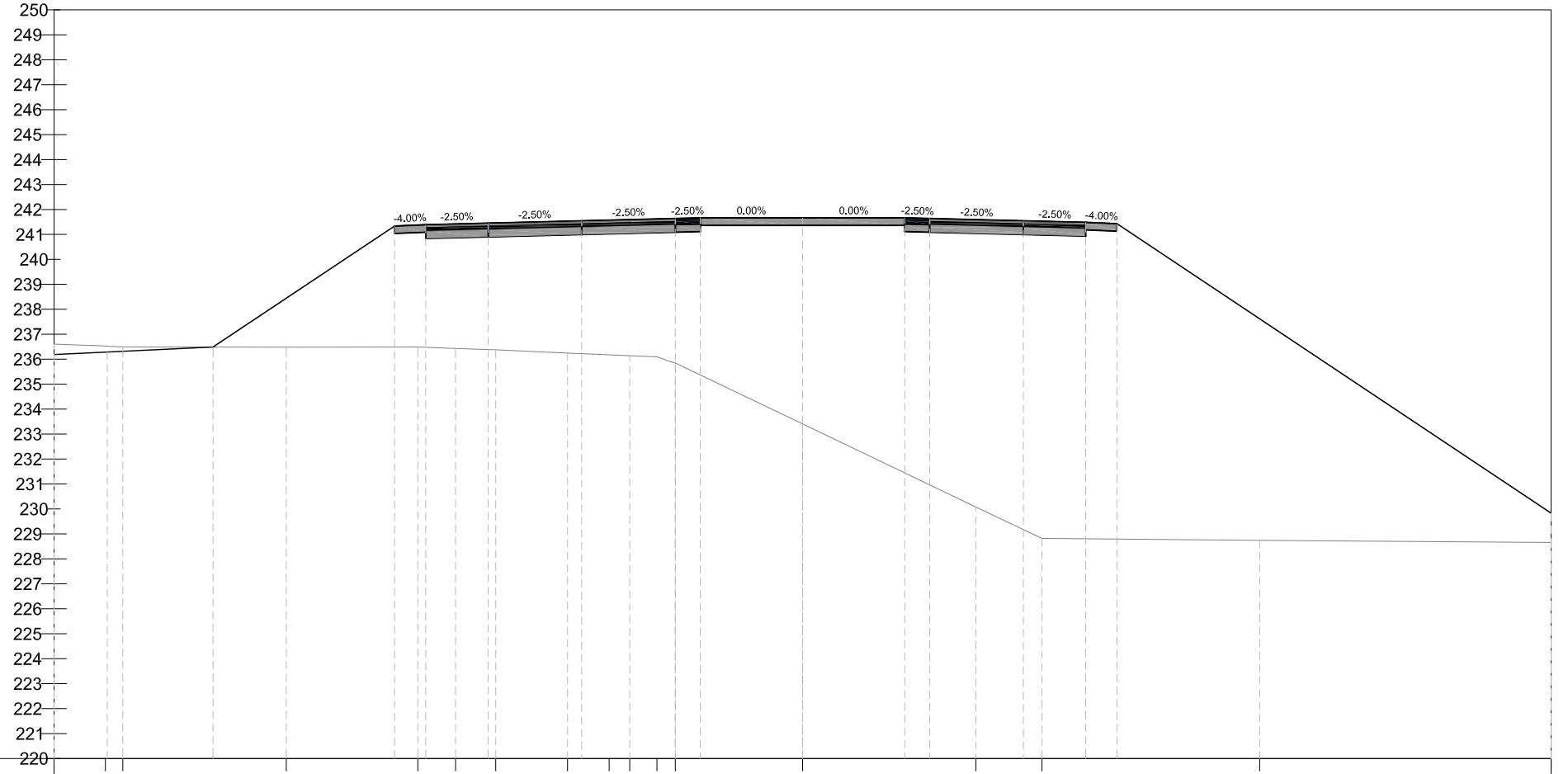
PROGRESSIVE TERRENO	
QUOTE TERRENO	
DISTANZE PARZIALI TERRENO	
PROGRESSIVE PROGETTO	-16.35 -15.10 -12.60 -8.85 -5.10 -4.10 0.00 4.10 5.10 8.85 11.35 12.60
QUOTE PROGETTO	241.51 241.56 241.62 241.72 241.81 241.84 241.84 241.84 241.84 241.81 241.72 241.65 241.60
DISTANZE PARZIALI PROGETTO	1.25 2.50 3.75 3.75 1.00 4.10 4.10 1.00 3.75 2.50 1.25

Rampa E_Ivrea - Santhià
 Sez. E17
 Progr : 0+650.00
 Scala : 1:250
 Q.Rif. : 220.00



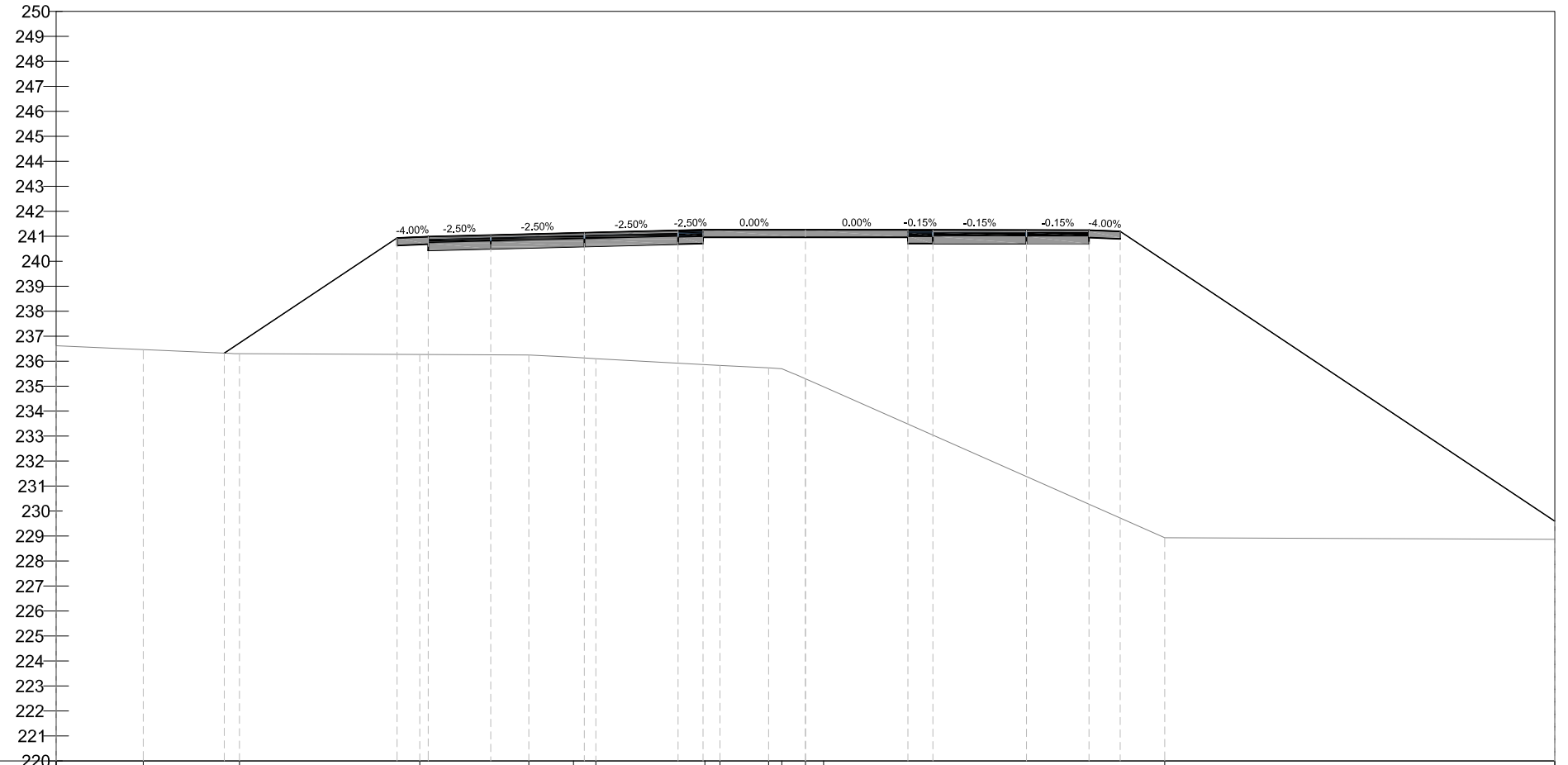
PROGRESSIVE TERRENO	30.00	28.07	27.49		22.02		15.56	14.39	12.40	10.17	7.88	6.74	5.97	5.17	0.00	7.22	9.47	11.66	19.50	30.00
QUOTE TERRENO	236.61	236.53	236.51		236.50		236.50	236.46	236.39	236.29	236.20	236.14	236.12	235.87	233.38	229.92	228.82	228.79	228.72	228.64
DISTANZE PARZIALI TERRENO		1.75	0.58	5.47		6.46	1.16	1.99	2.22	2.29	1.14	0.77		5.17		7.22	2.25	2.19	7.85	10.50
PROGRESSIVE PROGETTO	30.00			23.63		16.35	15.10	12.60		8.85	5.10	4.10		0.00	4.10	5.10	8.85	11.35	12.60	30.00
QUOTE PROGETTO	236.20			236.50		241.35	241.40	241.47		241.56	241.65	241.68		241.68	241.68	241.65	241.56	241.50	241.45	229.85
DISTANZE PARZIALI PROGETTO		6.37		7.28		1.25	2.50	3.75		3.75	1.00	4.10		4.10	1.00	3.75	2.50	1.25		17.40

Rampa E_Ivrea - Santhià
 Sez. E18
 Progr : 0+651.54
 Scala : 1:250
 Q.Rif. : 220.00



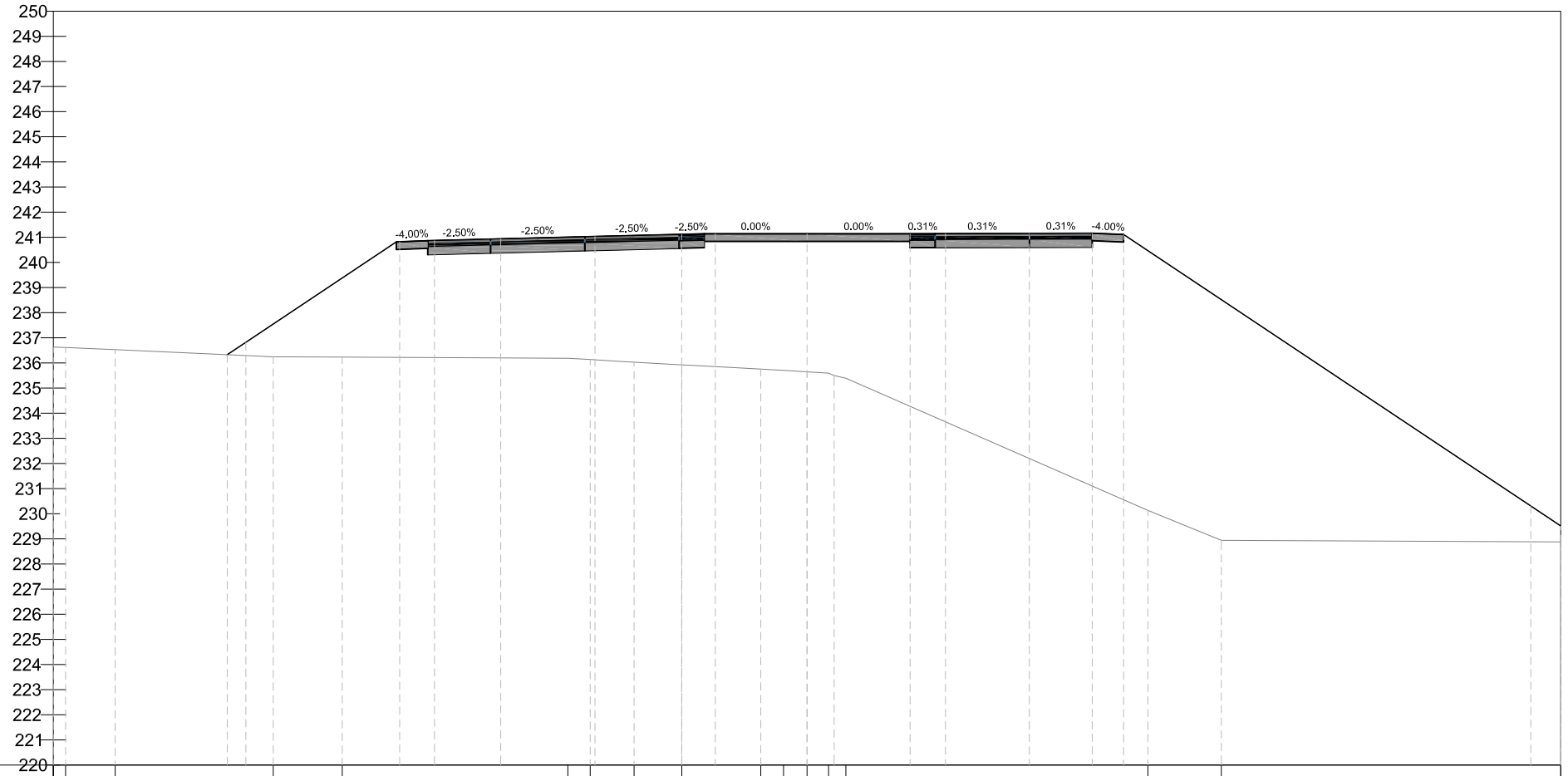
PROGRESSIVE TERRENO	30.00	-27.94	-27.24	-20.69	-15.42	-13.90	-12.30	-9.42	-7.75	-6.92	-5.83	-5.10	0.00	6.95	9.59	18.33	30.00
QUOTE TERRENO	236.61	236.53	236.49	236.48	236.49	236.43	236.38	236.24	236.18	236.14	236.10	235.85	233.41	230.07	228.82	228.74	228.66
DISTANZE PARZIALI TERRENO	1.93	0.70	6.55	5.27	1.52	1.60	2.88	1.67	0.83	1.09	0.52	5.10	6.95	2.64	8.73	11.67	
PROGRESSIVE PROGETTO	30.00	-27.86	-23.63	-16.35	-15.10	-12.60	-8.85	-5.10	-4.10	0.00	4.10	5.10	8.85	11.35	12.60		30.00
QUOTE PROGETTO	236.19	236.29	236.49	241.34	241.39	241.45	241.54	241.64	241.66	241.66	241.66	241.64	241.54	241.48	241.43		229.83
DISTANZE PARZIALI PROGETTO	2.14	4.24	7.28	1.25	2.50	3.75	3.75	1.00	4.10	4.10	1.00	3.75	2.50	1.25	17.40		

Rampa E_Ivrea - Santhià
 Sez. E19
 Progr : 0+675.00
 Scala : 1:250
 Q.Rif. : 220.00



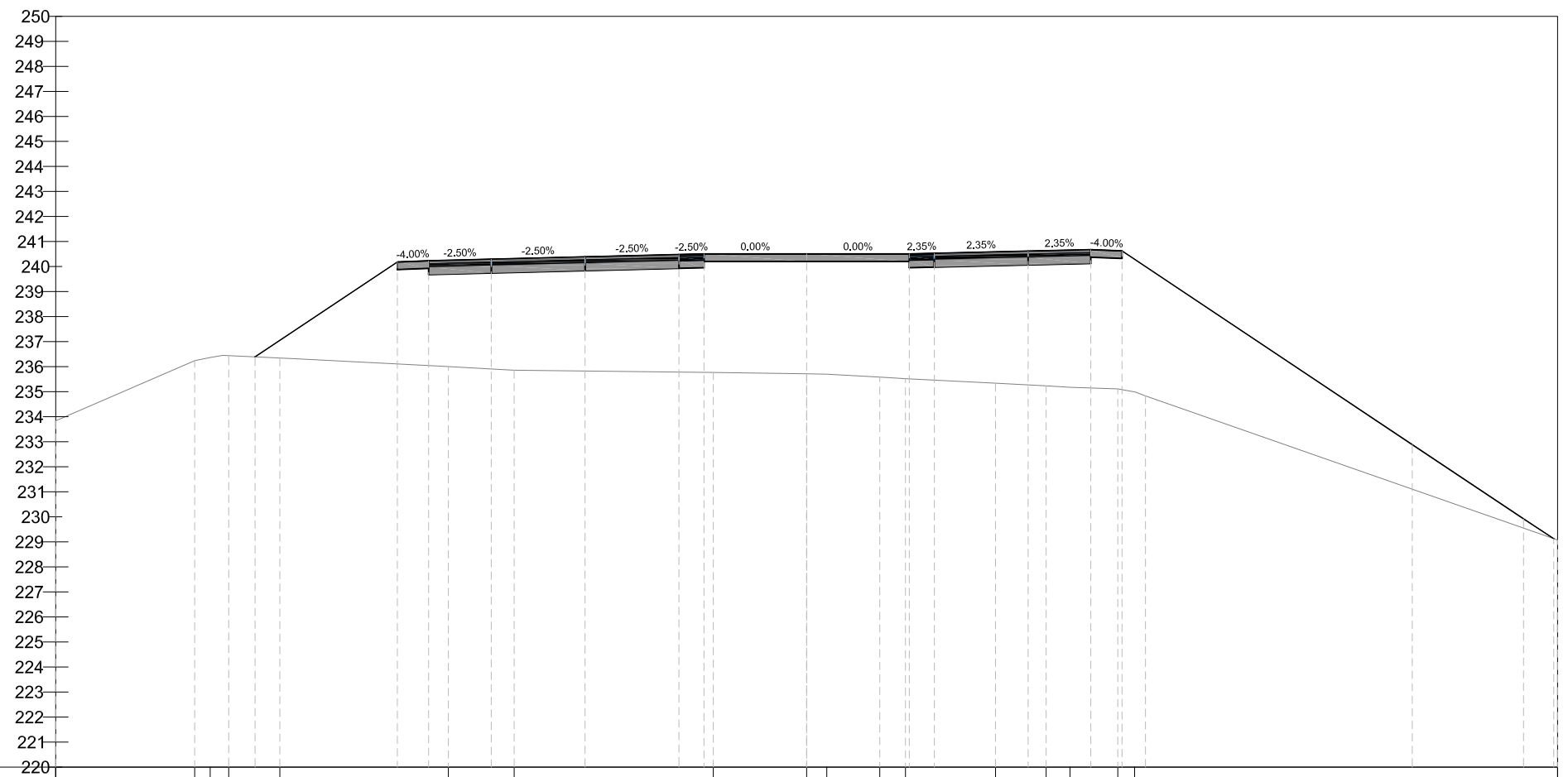
PROGRESSIVE TERRENO	30.00	26.51	22.66	15.44	11.08	9.28	8.39	4.03	3.42	1.48	0.98	0.00	0.73	14.38	30.00	
QUOTE TERRENO	236.62	236.47	236.30	236.27	236.24	236.15	236.10	235.86	235.83	235.73	235.70	235.29	234.97	228.93	228.87	
DISTANZE PARZIALI TERRENO		3.49	3.50	7.22	4.37	1.79	0.89	4.37	0.60	1.95	0.53	0.50	0.73	13.66	15.62	
PROGRESSIVE PROGETTO			23.26	16.35	15.10	12.60	8.85	5.10	4.10	0.00	4.10	5.10	8.85	11.35	12.60	
QUOTE PROGETTO			236.32	240.93	240.98	241.04	241.14	241.23	241.26	241.26	241.26	241.26	241.25	241.25	241.24	241.19
DISTANZE PARZIALI PROGETTO			6.91	1.25	2.50	3.75	3.75	1.00	4.10	4.10	1.00	3.75	2.50	1.25	17.40	

Rampa E_Ivrea - Santhià
 Sez. E20
 Progr : 0+679.62
 Scala : 1:250
 Q.Rif. : 220.00



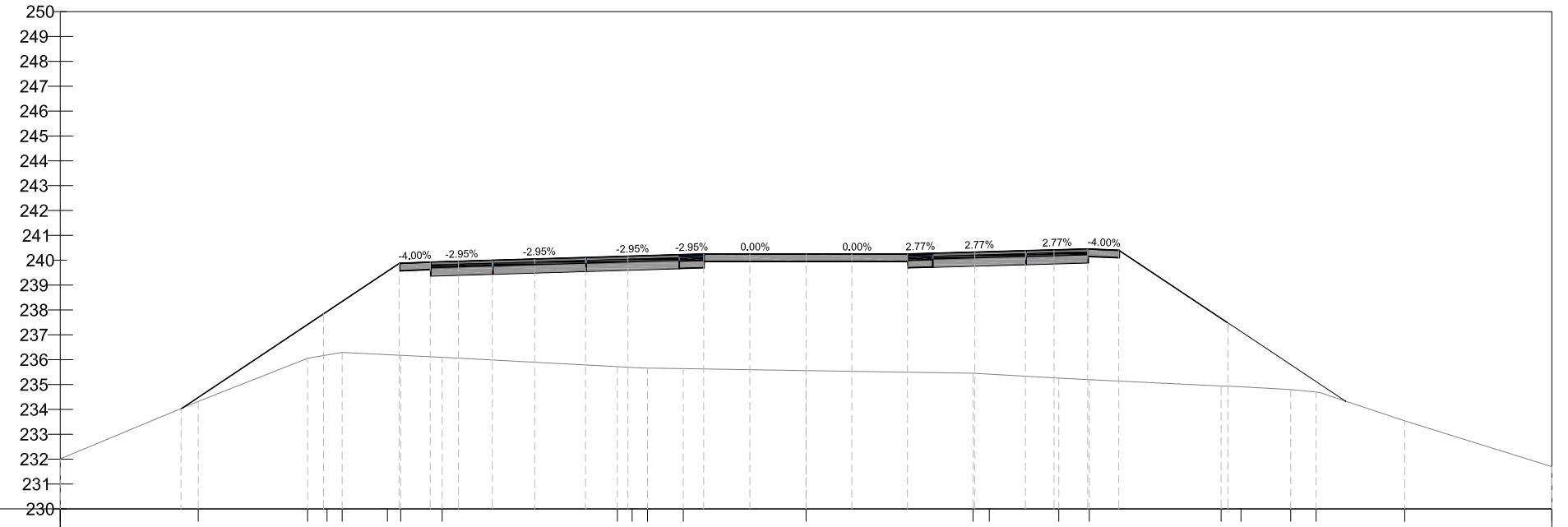
PROGRESSIVE TERRENO	0.00	1.97	5.97	2.75	18.50	21.25	27.54	29.51	30.00								
QUOTE TERRENO	236.67	236.53	236.24	236.23	236.18	236.14	236.03	235.92	235.75	235.71	235.65	235.59	235.39	230.13	228.94	228.88	
DISTANZE PARZIALI TERRENO		1.97	5.97	2.75	8.98	0.89	1.75	1.90	3.15	0.90	0.94	0.86		12.02	2.92	13.51	
PROGRESSIVE PROGETTO																	
QUOTE PROGETTO			236.33	236.82	240.82	240.87	240.94	241.03	241.12	241.14	241.14	241.14	241.14	241.15	241.16	241.11	230.30
DISTANZE PARZIALI PROGETTO			0.74	5.99	1.11	2.23	3.34	3.34	0.89	3.65	3.65	0.89	3.34	2.23	1.11	16.21	1.19

Rampa E_lvrea - Santhià
 Sez. E21
 Progr : 0+700.00
 Scala : 1:250
 Q.Rif. : 220.00



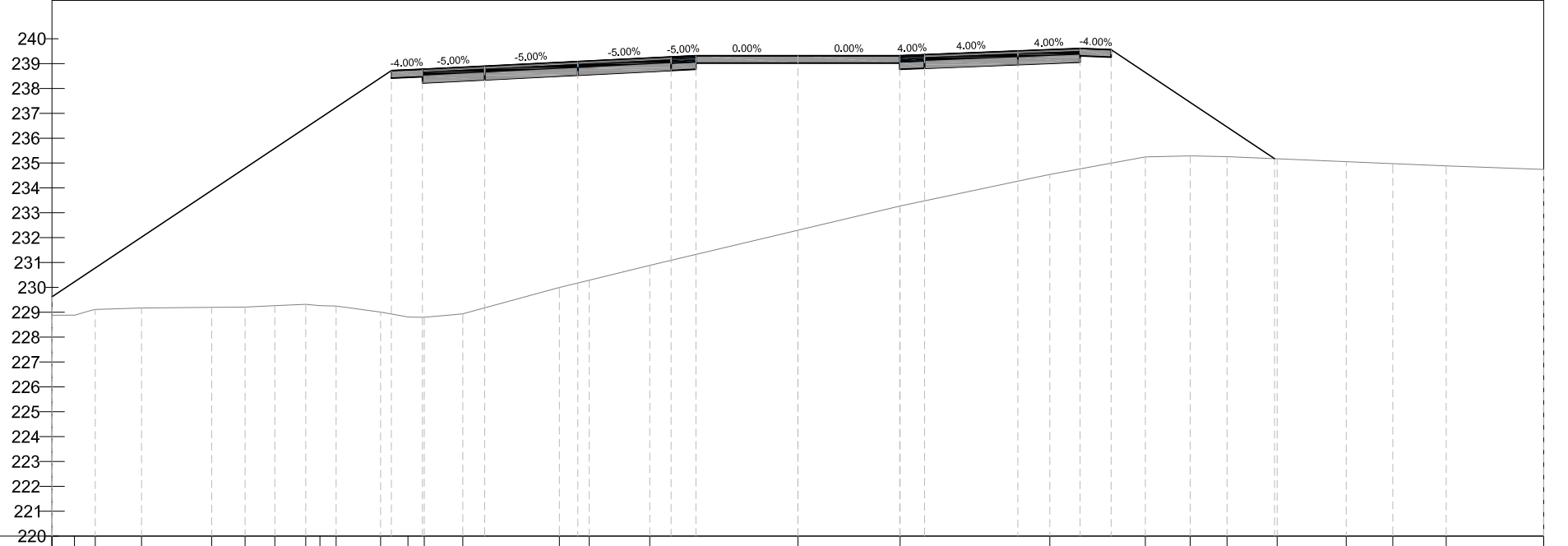
PROGRESSIVE TERRENO	30.00	24.45	23.83	23.09	21.04	14.31	11.68	7.73	0.81	2.92	3.95	7.55	9.57	10.52	12.43	13.10	30.00	
QUOTE TERRENO	233.83	236.24	236.37	236.44	236.34	236.00	235.86	235.77	235.71	235.70	235.58	235.52	235.34	235.23	235.18	235.11	234.99	229.07
DISTANZE PARZIALI TERRENO	5.55	0.62	0.51	2.04	6.73	2.21	7.95	3.73	0.81	2.12	1.02	3.60	2.02	0.95	1.91	0.67	16.46	
PROGRESSIVE PROGETTO		-22.03	-16.35	-15.10	-12.60	-8.85	-5.10	-4.10	4.10	5.10	8.85	11.35	12.60	24.20	28.64	29.85		
QUOTE PROGETTO		236.39	240.18	240.23	240.29	240.39	240.48	240.50	240.50	240.50	240.53	240.62	240.67	240.62	232.88	229.91	229.13	
DISTANZE PARZIALI PROGETTO		5.68	1.25	2.50	3.75	3.75	1.00	4.10	4.10	1.00	3.75	2.50	1.25	11.60	4.44	1.21		

Rampa E_lvrea - Santhià
 Sez. E22
 Progr : 0+707.69
 Scala : 1:250
 Q.Rif. : 230.00



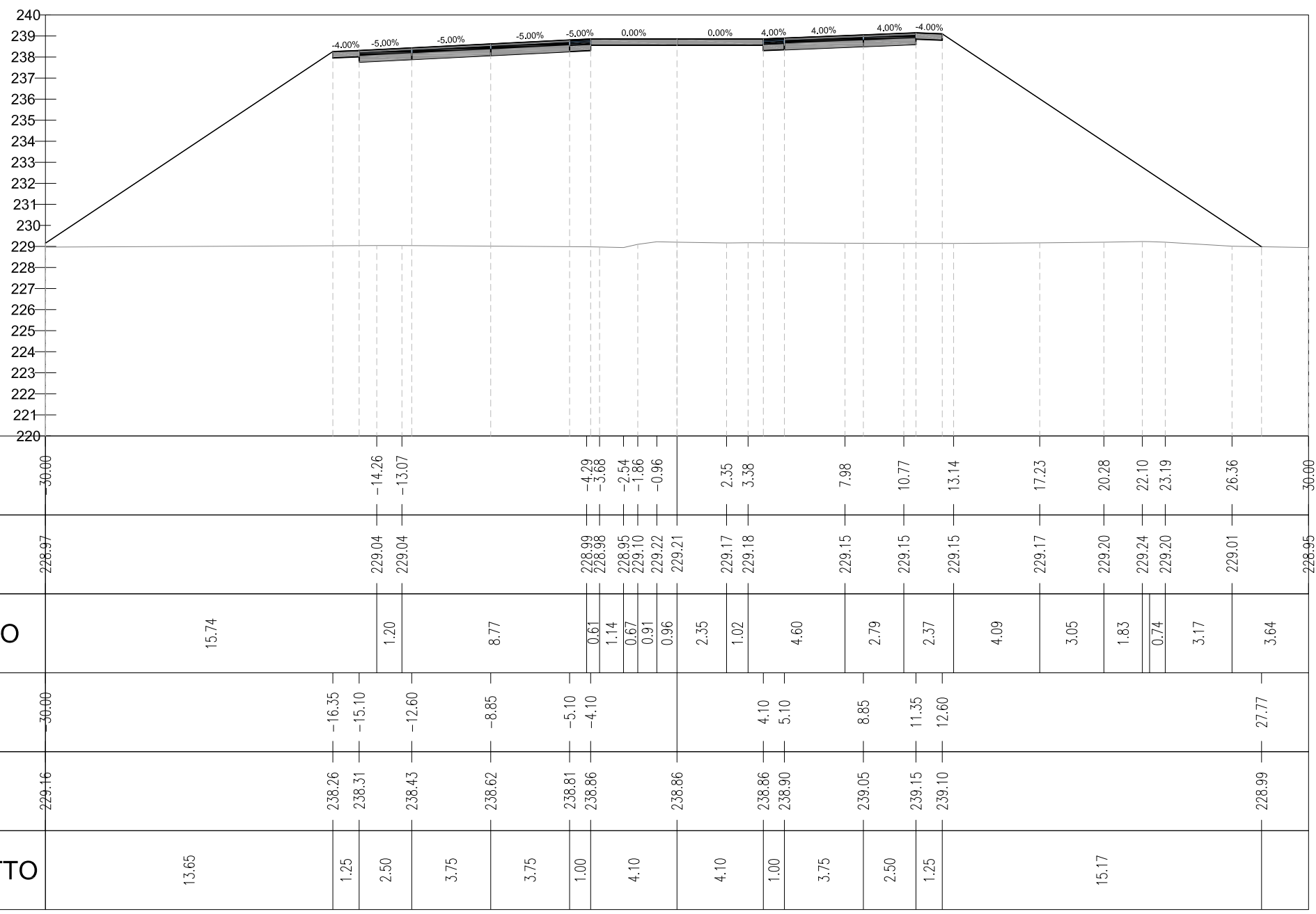
PROGRESSIVE TERRENO	30.00		-24.45		-20.05	-19.27	-18.66	-16.84	-16.31	-14.64												300.00				
QUOTE TERRENO	232.01		234.33		236.05	236.19	236.29	236.70	236.18	236.10												231.70				
DISTANZE PARZIALI TERRENO		5.55		4.39	0.79	0.61	1.82	0.53	1.67																	
PROGRESSIVE PROGETTO		-25.14		-19.41	-16.37	-15.80	-15.12	-13.98	-12.62	-10.92	-8.87	-7.17	-4.66	-4.12	-2.26	0.00	1.84	4.08	5.08	6.79	8.83	9.97	11.33	11.90	12.58	16.97
QUOTE PROGETTO		234.02		237.85	239.87	239.90	239.92	239.96	240.00	240.04	240.11	240.15	240.23	240.23	240.25	240.25	240.25	240.25	240.28	240.32	240.38	240.41	240.45	240.43	240.40	237.47
DISTANZE PARZIALI PROGETTO		5.73		3.04	0.57	0.68	1.14	1.36	1.70	2.05	1.70	2.05	0.54	1.86	2.24	1.84	2.24	0.54	1.71	2.04	1.14	1.35	0.58	0.67	4.39	

Rampa E_Ivrea - Santhià
 Sez. E24
 Progr : 0+735.77
 Scala : 1:250
 Q.Rif. : 220.00

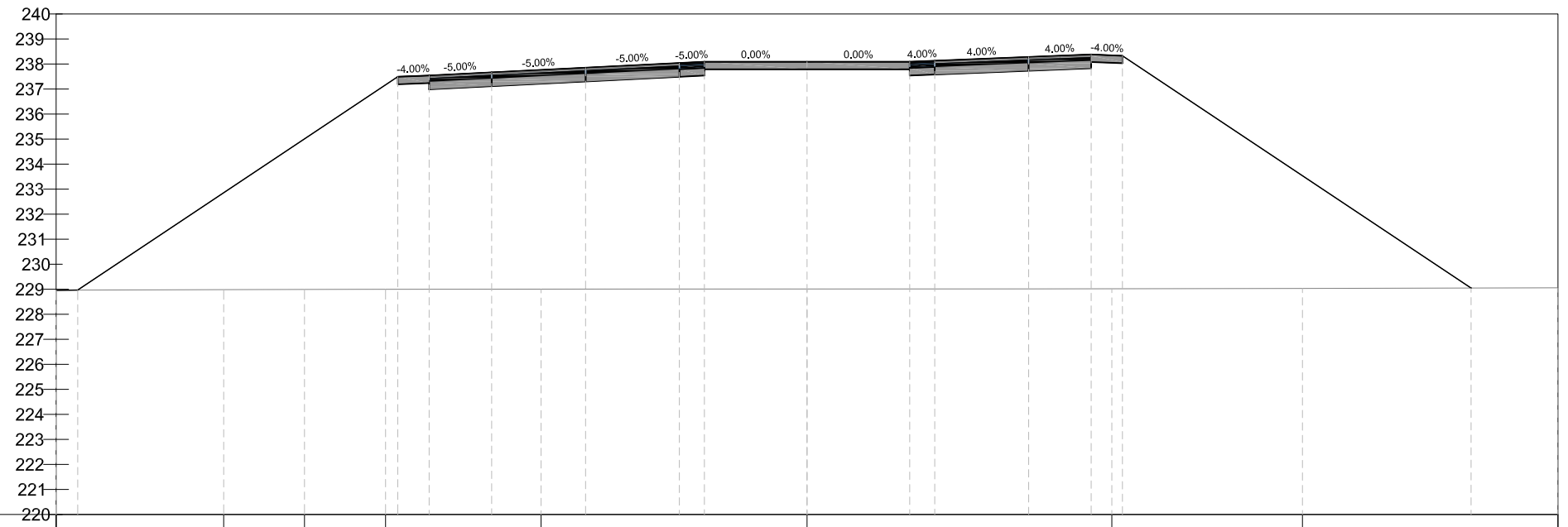


PROGRESSIVE TERRENO	30.00	-29.10	-28.26	-26.40	-23.58	-22.24	-21.04	-19.79	-19.22	-18.57	-16.78	-15.68	-15.02	-13.48	-9.59	-8.39	-5.95	0.00	4.11	10.14	13.98	15.78	17.26	19.28	22.06	23.93	26.08	30.00
QUOTE TERRENO	228.88	228.88	229.11	229.17	229.20	229.21	229.27	229.32	229.27	229.25	229.01	228.81	228.80	228.94	230.00	230.29	230.89	232.30	233.27	234.54	235.25	235.29	235.26	235.17	235.06	234.97	234.89	234.75
DISTANZE PARZIALI TERRENO	0.83	0.66	1.50	2.82	1.34	1.20	1.25	0.57	0.65	1.79	1.10	1.07	3.88	1.20	2.44	5.95	4.11	6.02	3.84	1.80	1.48	2.02	2.78	1.87	2.15	3.92		
PROGRESSIVE PROGETTO	30.00										-16.35	-15.10	-12.60	-8.85	-5.10	-4.10	0.00	4.10	5.10	8.85	11.35	12.60	19.17					
QUOTE PROGETTO	229.62										238.72	238.77	238.89	239.08	239.27	239.32	239.32	239.32	239.36	239.51	239.61	239.56	235.18					
DISTANZE PARZIALI PROGETTO					13.65						1.25	2.50	3.75	3.75	1.00	4.10	4.10	1.00	3.75	2.50	1.25	6.57						

Rampa E_lvrea - Santhià
 Sez. E25
 Progr : 0+750.00
 Scala : 1:250
 Q.Rif. : 220.00

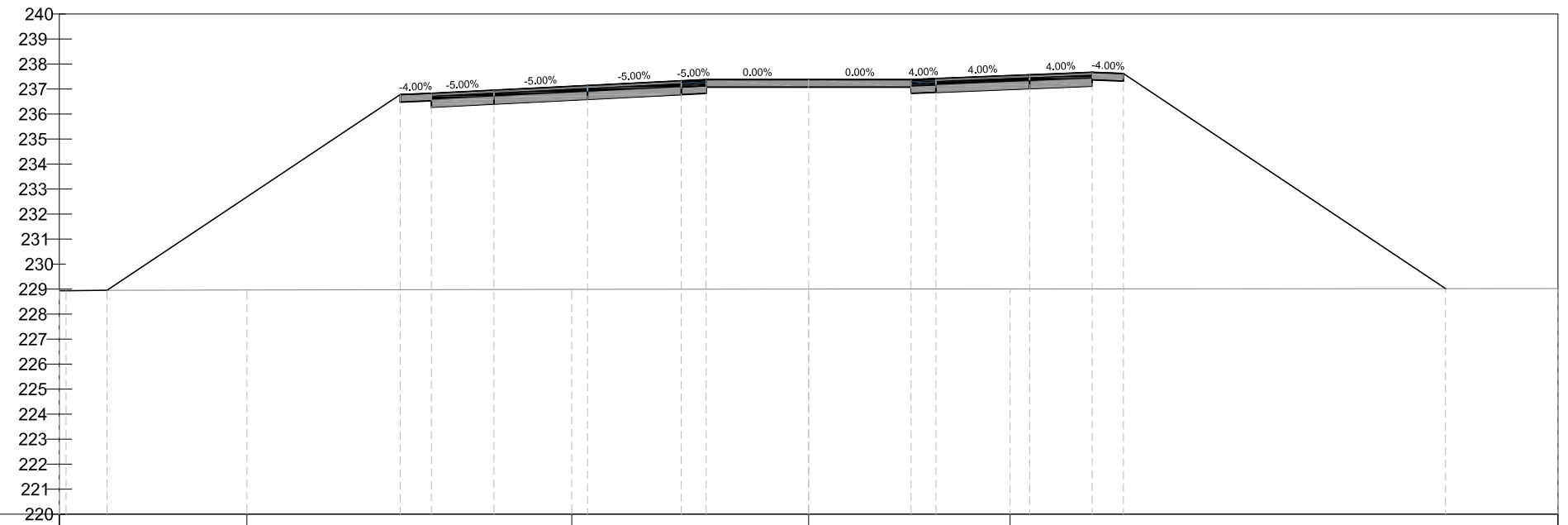


Rampa E_lvrea - Santhià
 Sez. E26
 Progr : 0+775.00
 Scala : 1:250
 Q.Rif. : 220.00



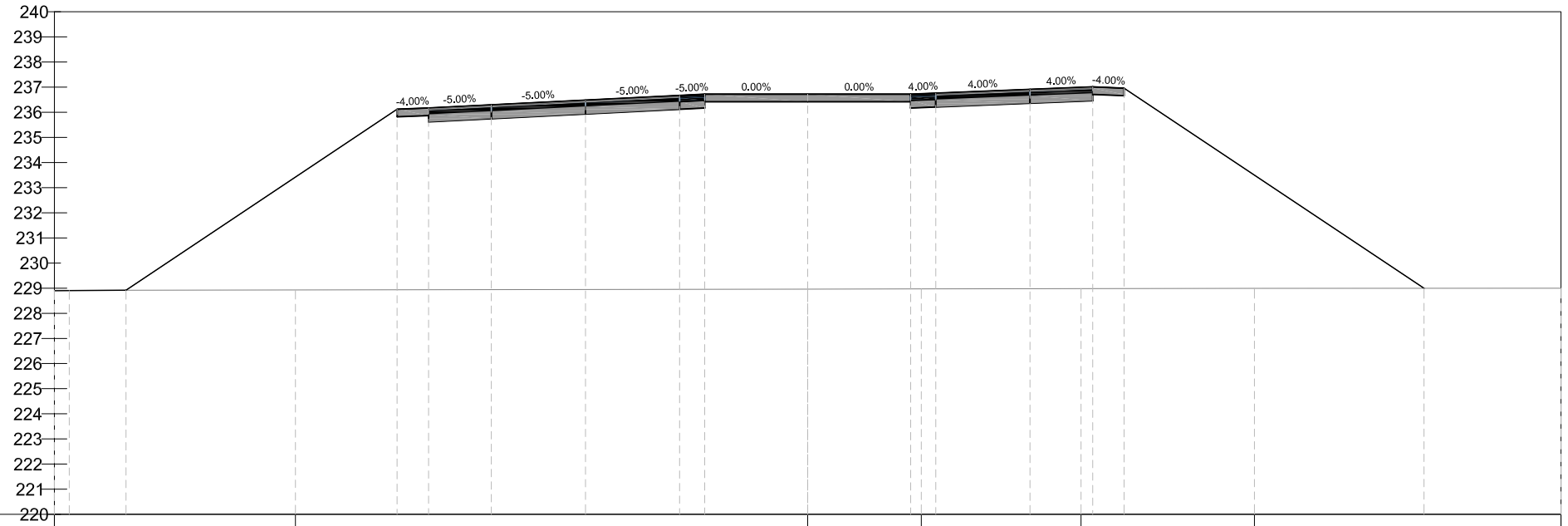
PROGRESSIVE TERRENO	30.00		-23.31	-20.08	-16.84		-10.62							12.17		19.79		30.00
QUOTE TERRENO	228.97		228.98	229.00	229.00		229.00			229.01				229.02		229.03		229.06
DISTANZE PARZIALI TERRENO		6.69	3.23	3.24	6.21		10.62			12.17			7.62		10.21			
PROGRESSIVE PROGETTO	30.00	-29.13			-16.35	-15.10	-12.60	-8.85	-5.10	-4.10	0.00	4.10	5.10	8.85	11.35	12.60		26.53
QUOTE PROGETTO	228.95	228.97			237.49	237.54	237.67	237.85	238.04	238.09	238.09	238.09	238.13	238.28	238.38	238.33		229.05
DISTANZE PARZIALI PROGETTO	0.87		12.78		1.25	2.50	3.75	3.75	1.00	4.10	4.10	1.00	3.75	2.50	1.25		13.93	

Rampa E_lvrea - Santhià
 Sez. E27
 Progr : 0+800.00
 Scala : 1:250
 Q.Rif. : 220.00



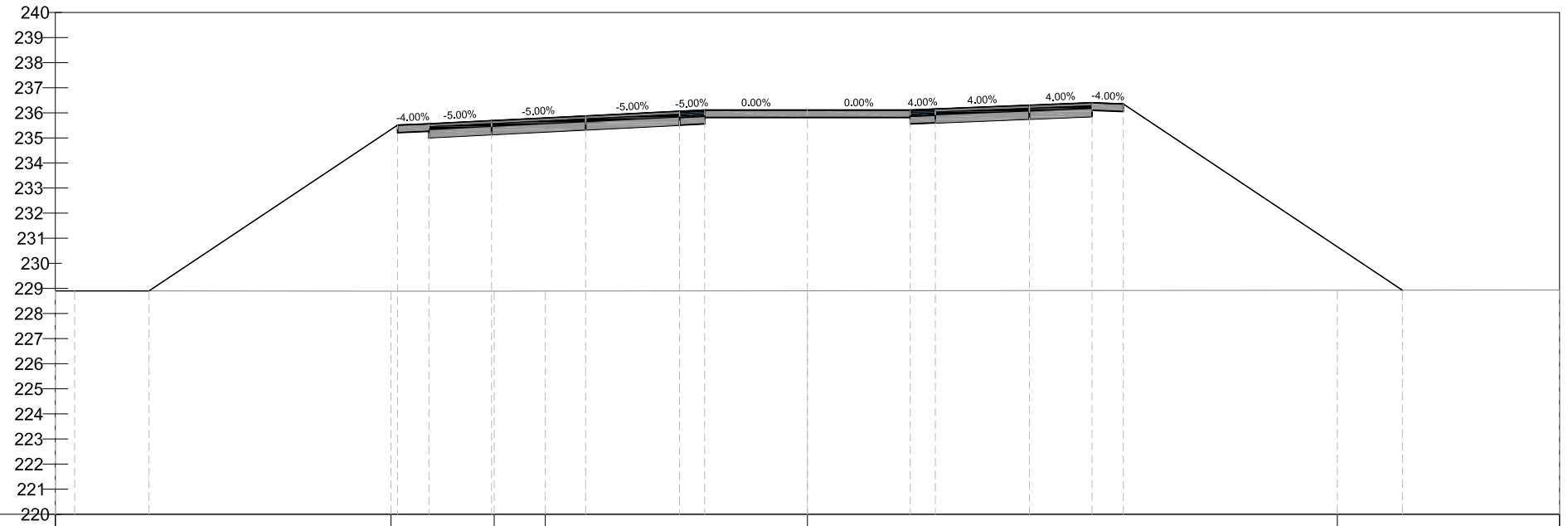
PROGRESSIVE TERRENO	30.00																			30.00				
QUOTE TERRENO	228.95		228.96																		229.02			
DISTANZE PARZIALI TERRENO		7.51			13.00										8.06						21.94			
PROGRESSIVE PROGETTO	0.00																				0.00			
QUOTE PROGETTO	228.93	228.95			236.78	236.83	236.95		237.14		237.33	237.38		237.38		237.38	237.42		237.57		237.67	237.62		229.02
DISTANZE PARZIALI PROGETTO	1.64		11.74		1.25	2.50		3.75		3.75		1.00		4.10		4.10		1.00	3.75		2.50	1.25		12.90

Rampa E_Ivrea - Santhià
 Sez. E28
 Progr : 0+825.00
 Scala : 1:250
 Q.Rif. : 220.00



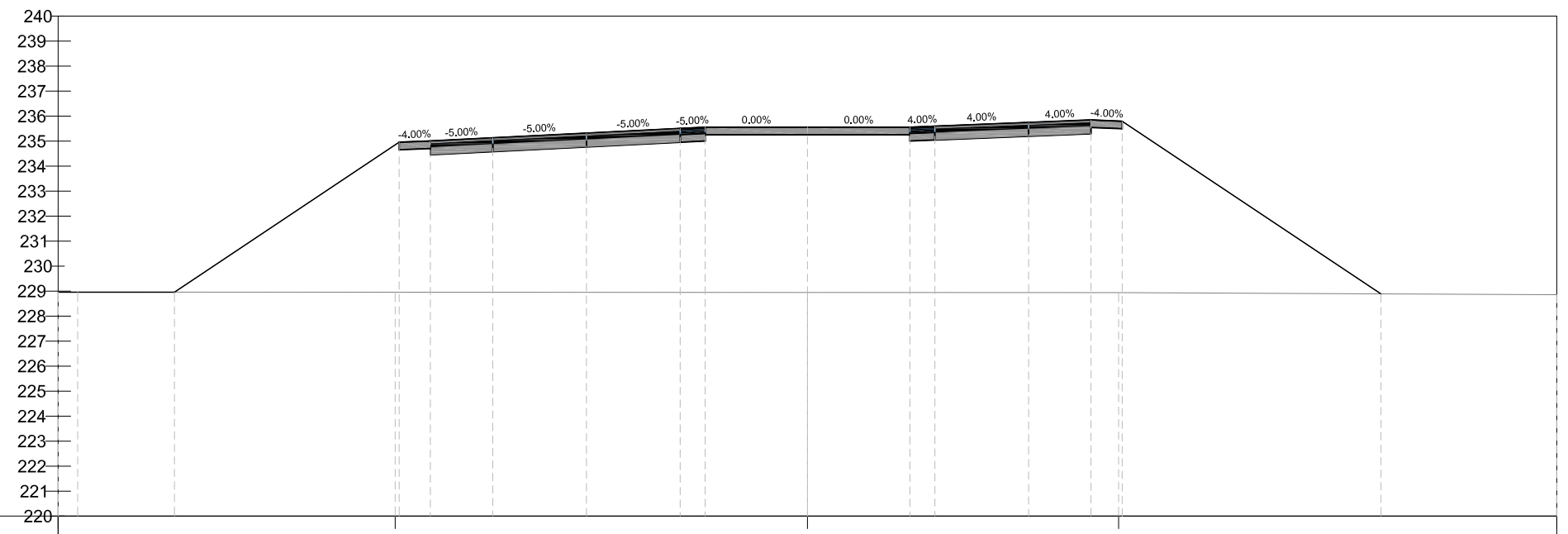
PROGRESSIVE TERRENO	0.00		9.60	20.40		4.53	6.36	10.88	17.79	30.00
QUOTE TERRENO	228.92		228.93			228.96	228.97	228.98	228.99	229.00
DISTANZE PARZIALI TERRENO										
PROGRESSIVE PROGETTO	0.00	2.26	12.06	16.35	20.40	24.54	28.64	32.74	36.84	40.94
QUOTE PROGETTO	236.90	228.92	236.12	236.17	236.29	236.48	236.67	236.72	236.72	236.76
DISTANZE PARZIALI PROGETTO	0.59	2.26	10.80	1.25	2.50	3.75	3.75	1.00	4.10	4.10

Rampa E_Ivrea - Santhià
 Sez. E29
 Progr : 0+850.00
 Scala : 1:250
 Q.Rif. : 220.00



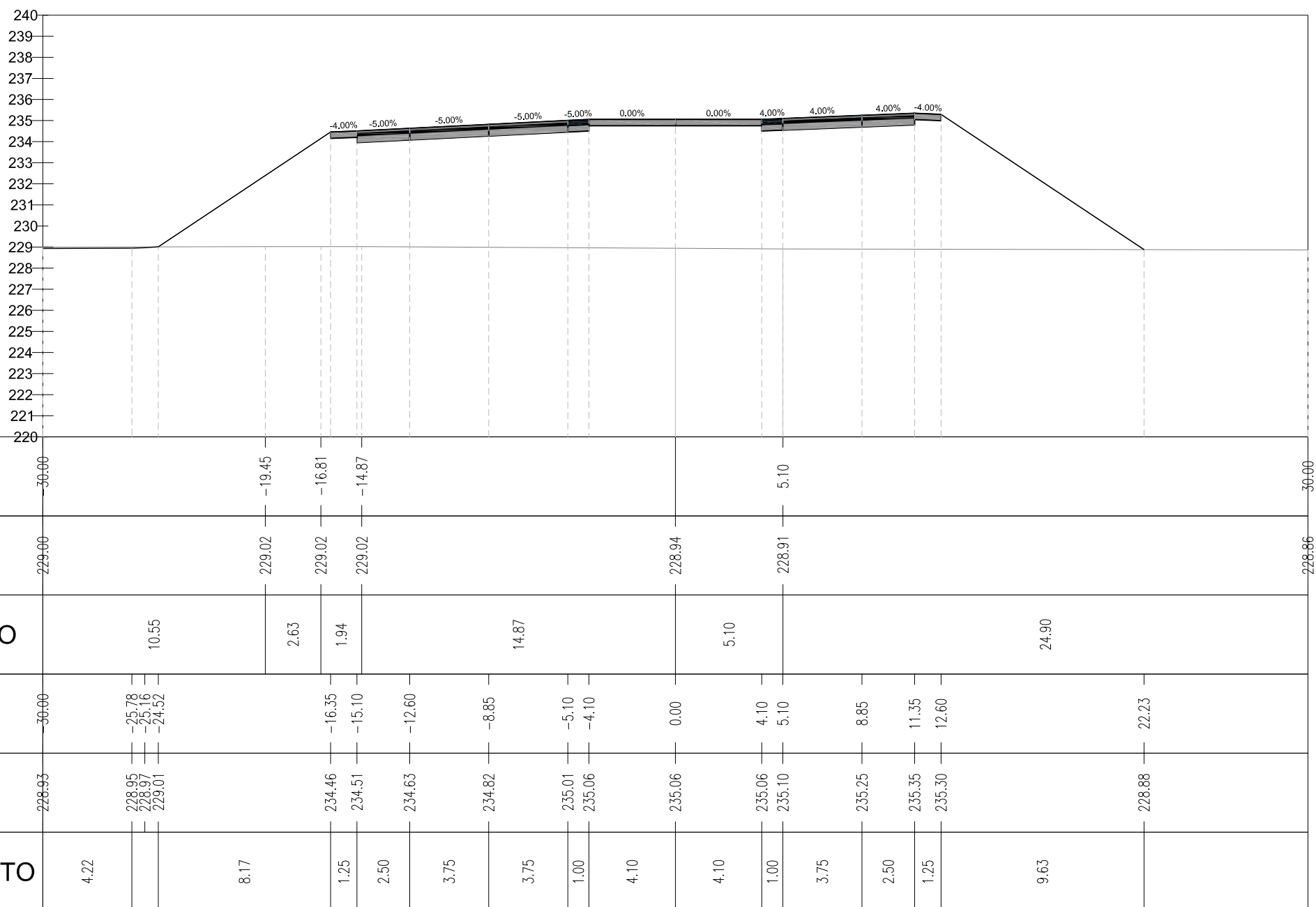
PROGRESSIVE TERRENO	30.00			16.61										21.14	50.00					
QUOTE TERRENO	228.90			228.89										228.93	228.94					
DISTANZE PARZIALI TERRENO			13.39		4.12	2.04		10.46				21.14			8.86					
PROGRESSIVE PROGETTO	30.00	29.23		16.35	15.10		12.60		8.85		5.10	4.10		8.85	11.35	12.60		23.73		
QUOTE PROGETTO	228.90	228.90		235.51	235.56		235.69		235.87		236.06	236.11		236.11	236.15	236.30	236.40	236.35	228.93	
DISTANZE PARZIALI PROGETTO	0.77	2.96		9.92	1.25	2.50		3.75		3.75	1.00	4.10		4.10	1.00	3.75	2.50	1.25	11.13	

Rampa E_Ivrea - Santhià
 Sez. E30
 Progr : 0+875.00
 Scala : 1:250
 Q.Rif. : 220.00

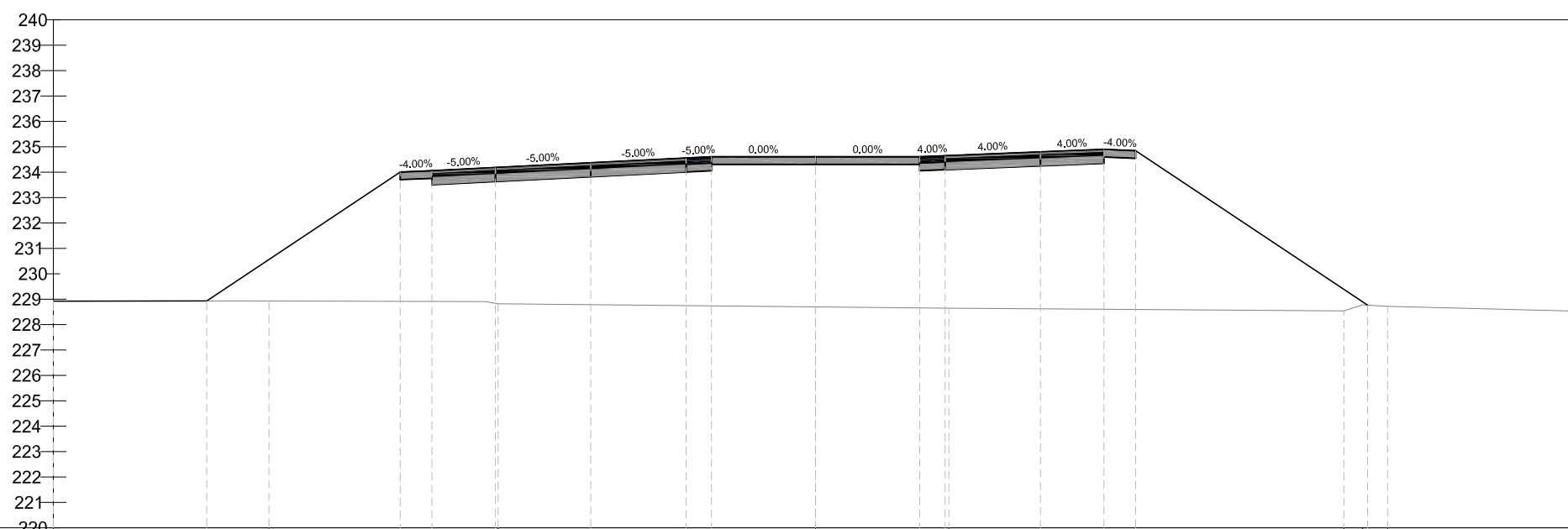


PROGRESSIVE TERRENO	30.00			16.51				0.00				12.45	30.00		
QUOTE TERRENO	228.96			228.95				228.95				228.94	228.86		
DISTANZE PARZIALI TERRENO			13.49				16.51				12.45		17.55		
PROGRESSIVE PROGETTO	30.00	29.22	25.35	16.35	15.10	12.60	8.85	5.10	4.10	5.10	8.85	11.35	12.60	22.96	
QUOTE PROGETTO	228.96	228.96	228.96	234.96	235.01	235.13	235.32	235.51	235.56	235.56	235.60	235.75	235.85	235.80	228.89
DISTANZE PARZIALI PROGETTO	0.78	3.87	9.00	1.25	2.50	3.75	3.75	1.00	4.10	4.10	1.00	3.75	2.50	1.25	10.36

Rampa E_lvrea - Santhià
 Sez. E31
 Progr : 0+900.00
 Scala : 1:250
 Q.Rif. : 220.00

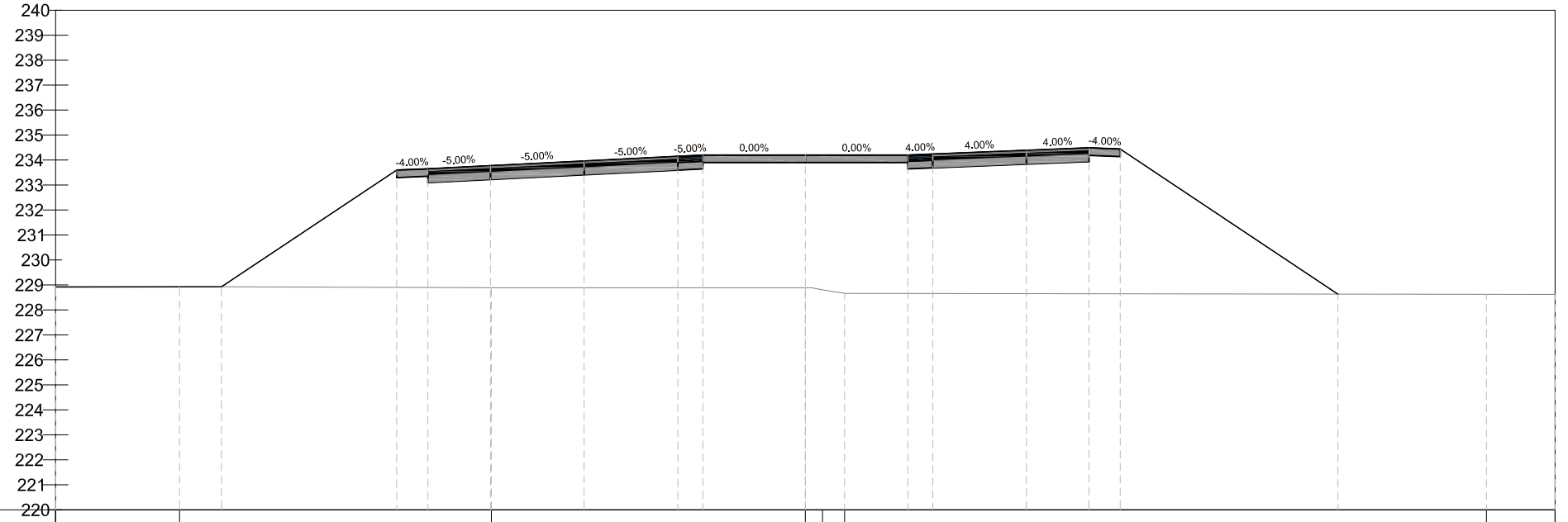


Rampa E_Ivrea - Santhià
 Sez. E32
 Progr : 0+925.00
 Scala : 1:250
 Q.Rif. : 220.00



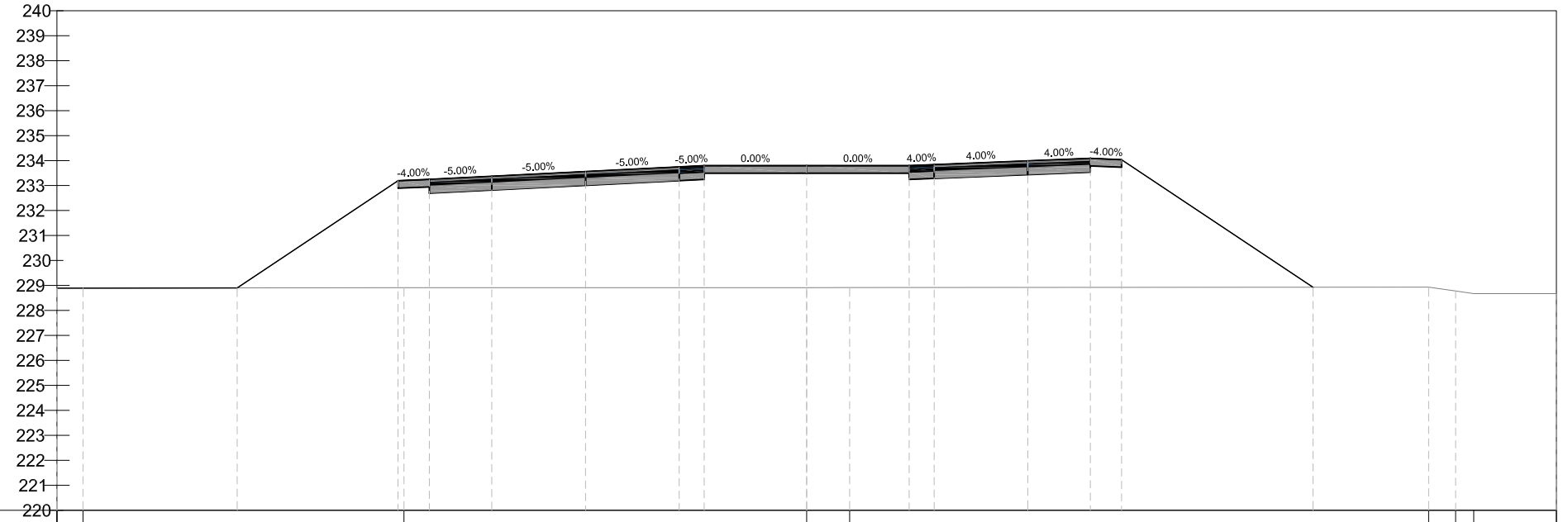
PROGRESSIVE TERRENO	30.00			-21.51				-12.50					5.25				20.79		30.00
QUOTE TERRENO	228.93			228.93				228.82					228.65				228.54		228.53
DISTANZE PARZIALI TERRENO		8.49			8.55				12.50				5.25			15.55	0.74	0.98	7.49
PROGRESSIVE PROGETTO	30.00			-23.96				-12.60					4.10				21.73		
QUOTE PROGETTO	228.92			228.93				234.18					234.61				228.76		
DISTANZE PARZIALI PROGETTO		6.04			7.61								4.10						

Rampa E_lvrea - Santhià
 Sez. E33
 Progr : 0+950.00
 Scala : 1:250
 Q.Rif. : 220.00



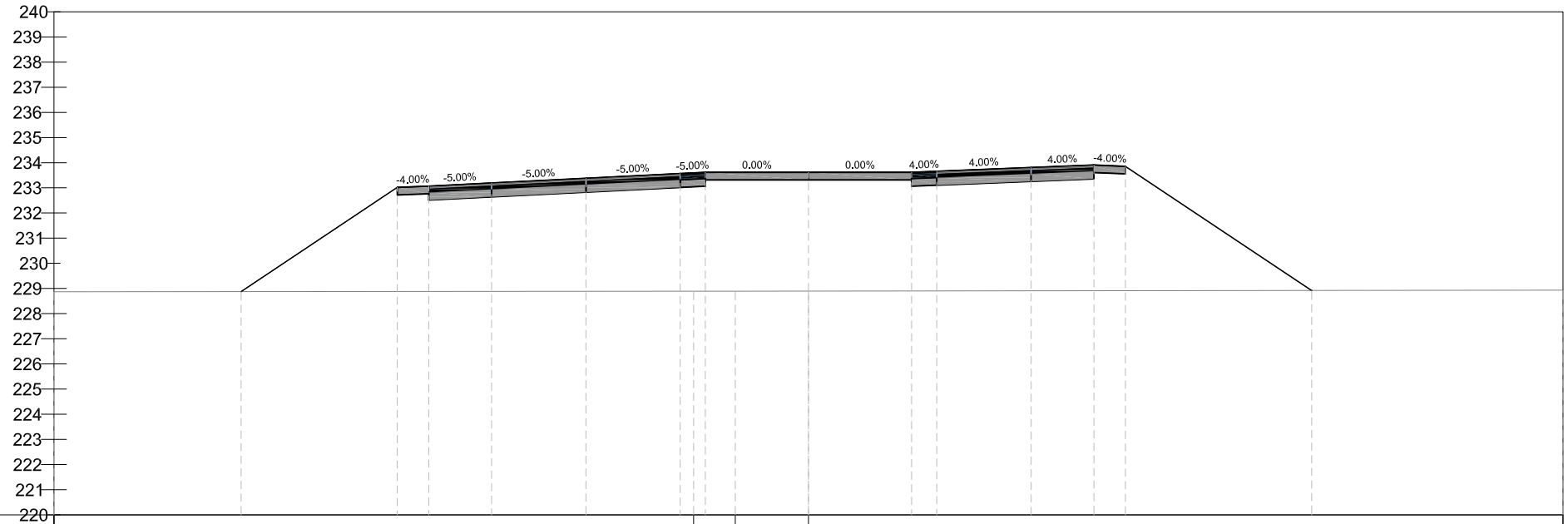
PROGRESSIVE TERRENO	30.00	-25.04		-12.56	0.00	0.69	1.57		27.25	30.00					
QUOTE TERRENO	228.93	228.93		228.89	228.89	228.81	228.66		228.62	228.62					
DISTANZE PARZIALI TERRENO		4.96	12.48		12.56	0.88		25.68		2.75					
PROGRESSIVE PROGETTO	30.00	-23.36	-16.35	-15.10	-12.60	-8.85	-5.10	-4.10	0.00	4.10	5.10	8.85	11.35	12.60	21.31
QUOTE PROGETTO	228.91	228.92	233.60	233.65	233.77	233.96	234.15	234.20	234.20	234.24	234.39	234.49	234.44		228.63
DISTANZE PARZIALI PROGETTO		6.64	7.01	1.25	2.50	3.75	3.75	1.00	4.10	1.00	3.75	2.50	1.25	8.71	

Rampa E_Ivrea - Santhià
 Sez. E34
 Progr : 0+975.00
 Scala : 1:250
 Q.Rif. : 220.00



PROGRESSIVE TERRENO	0+00			0+16.12				0+17.72						0+24.89	0+25.97	0+26.69	0+30.00
QUOTE TERRENO	228.90			228.91				228.91						228.93	228.78	228.68	228.67
DISTANZE PARZIALI TERRENO	1.04		12.84			16.12		1.72				23.17		1.08	0.73	3.31	
PROGRESSIVE PROGETTO	0+00		0+22.79	0+16.35	0+15.10	0+12.60	0+8.85	0+5.10	0+4.10	0+5.10	0+8.85	0+11.35	0+12.60				0+20.26
QUOTE PROGETTO	228.69		228.90	233.19	233.24	233.37	233.56	233.74	233.79	233.79	233.83	233.98	234.08	234.03			228.93
DISTANZE PARZIALI PROGETTO		7.21		6.44	1.25	2.50	3.75	3.75	1.00	4.10	4.10	1.00	3.75	2.50	1.25	7.66	

Rampa E_lvrea - Santhià
 Sez. E35
 Progr : 0+986.00
 Scala : 1:250
 Q.Rif. : 220.00



PROGRESSIVE TERRENO	30.00													30.00
QUOTE TERRENO	228.87													228.93
DISTANZE PARZIALI TERRENO	24.96													30.00
PROGRESSIVE PROGETTO	-22.56	-16.35	-15.10	-12.60	-8.85	-5.10	-4.10		4.10	5.10	8.85	11.35	12.60	20.01
QUOTE PROGETTO	228.88	233.02	233.07	233.19	233.38	233.57	233.62	233.62	233.62	233.66	233.81	233.91	233.86	228.92
DISTANZE PARZIALI PROGETTO	6.21	1.25	2.50	3.75	3.75	1.00	4.10	4.10	1.00	3.75	2.50	1.25	7.41	