

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

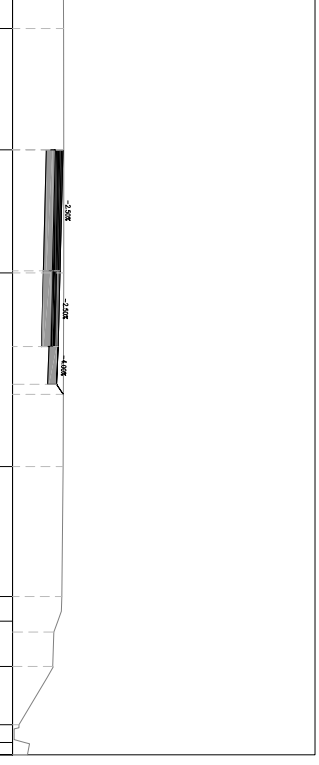
PROGETTO DEFINITIVO

LOTTO 2 - SVINCOLO DI IVREA SEZIONI TRASVERSALI RAMPA D

IL PROGETTISTA	REDATTO	CONTROLLATO	APPROVATO
 <i>Il Direttore Tecnico</i> Dott. Ing. ROBERTO PETRALI ordine degli Ingegneri di Milano n° 14638	ATIVA ENGINEERING F. Racca	ATIVA ENGINEERING F. Racca	ATIVA ENGINEERING V. Palmisano
	DATA GIUGNO 2012	REVISIONE	DATA
	SCALA 1 : 250		
	UFFICIO SSP0101A05	COMMESSA 00000PDSTD	N° PROGETTO 206
			N° ELABORATO -
			REV -

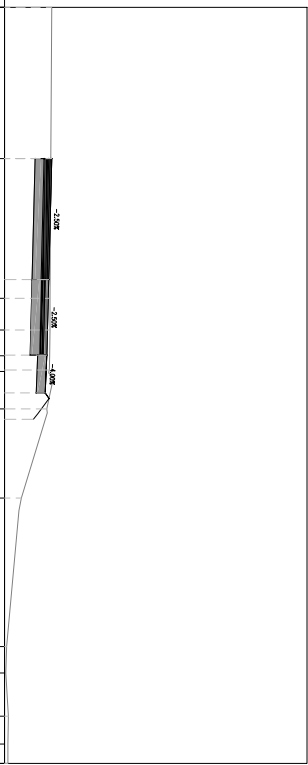
Rampa D (I) lvr_To
 Sez D 1
 Progr : 0+030.00
 Scala : 1:250
 Q.Rif. : 240.00

PROGRESSIVE TERRENO	QUOTE TERRENO	DISTANZE PARZIALI TERRENO	PROGRESSIVE PROGETTO	QUOTE PROGETTO	DISTANZE PARZIALI PROGETTO
5.00	241.68	0.98			
-4.02	241.69	4.02			
	241.69	4.07		241.67	4.00
4.07	241.69	6.40	4.00	241.57	2.50
	241.67	4.30	6.50	241.51	1.25
10.47	241.63	1.14	7.75	241.48	0.34
14.77	241.49	1.57	8.09		
15.58	240.21				
17.08	240.40				
19.01	240.49				
19.60					
20.00					



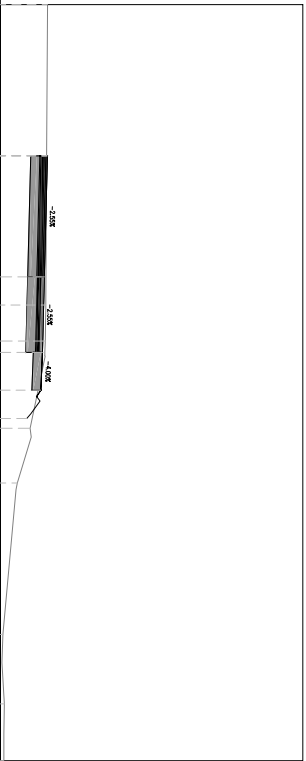
Rampa D (I) lvr_To
 Sez D 2
 Progr : 0+049.08
 Scala : 1:250
 Q.Rif. : 240.00

PROGRESSIVE TERRENO	QUOTE TERRENO	DISTANZE PARZIALI TERRENO	PROGRESSIVE PROGETTO	QUOTE PROGETTO	DISTANZE PARZIALI PROGETTO
5.00	241.56	5.00			
	241.53	4.62		241.56	4.00
4.62	241.50	0.62	4.00	241.46	2.50
5.67	241.50	0.82	6.50	241.40	1.25
6.52	241.49		7.75	241.35	0.50
7.04	241.46	1.05	8.62	240.99	
8.28	241.40	2.82			
	240.56	4.50			
11.22		0.87			
	240.07	1.43			
16.14	240.04	0.92			
17.01	240.11	0.64			
18.44	240.11				
19.36	240.11				
20.00	240.11				



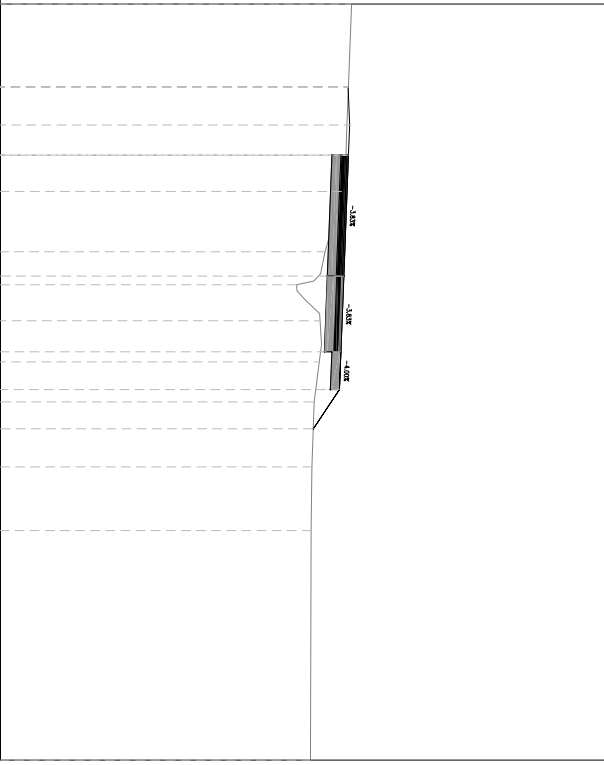
Rampa D (I) lvr_To
 Sez D 3
 Progr : 0+050.00
 Scala : 1:250
 Q.Rif. : 240.00

PROGRESSIVE TERRENO	QUOTE TERRENO	DISTANZE PARZIALI TERRENO	PROGRESSIVE PROGETTO	QUOTE PROGETTO	DISTANZE PARZIALI PROGETTO
5.00	241.56	5.00			
	241.53	4.93	4.00	241.56	4.00
4.93	241.50	0.85	6.50	241.45	2.50
6.12	241.48	2.38	7.75	241.39	1.25
6.62	241.48	1.51	8.68	241.34	0.21
9.01	240.98	4.79	8.68	240.88	0.42
10.81	240.56				
15.82	240.08	0.93			
16.75	240.05	1.37			
18.12	240.13	0.98			
19.10	240.12	0.90			
20.00	240.12				



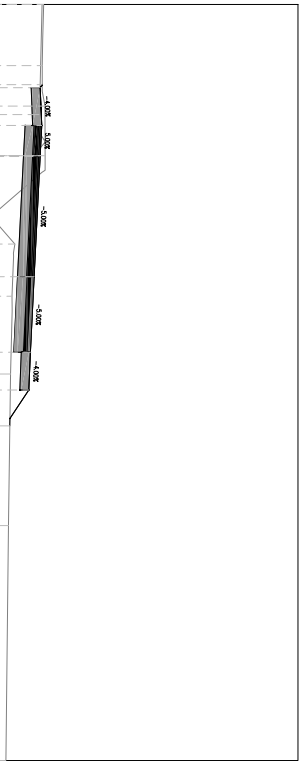
Rampa D (I) |vr_To
 Sez D 4
 Progr : 0+075.00
 Scala : 1:250
 Q.Rif. : 230.00

PROGRESSIVE TERRENO	QUOTE TERRENO	DISTANZE PARZIALI TERRENO	PROGRESSIVE PROGETTO	QUOTE PROGETTO	DISTANZE PARZIALI PROGETTO
5.00	241.62				
		4.25	-2.26	241.50	1.25
	241.45		-1.00	241.55	1.00
	241.44			241.52	
	241.33	0.62			4.00
		1.75			
	240.74	0.73	4.00	241.36	2.50
	240.59	0.12			
	239.81	0.47			
	240.56	0.77	6.50	241.27	1.25
	240.62	0.59	7.75	241.22	1.30
	240.55	1.32	9.05	240.35	
	240.38	1.85			
	240.31	2.11			
	240.28	7.59			
20.00	240.26				



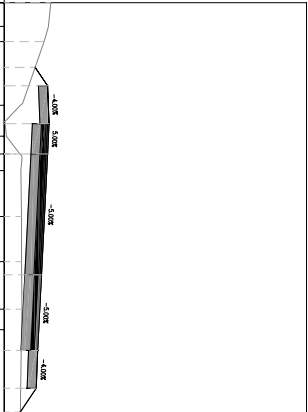
Rampa D (I) lvr_To
 Sez D 6
 Progr : 0+100.00
 Scala : 1:250
 Q.Rif. : 240.00

PROGRESSIVE TERRENO	QUOTE TERRENO	DISTANZE PARZIALI TERRENO	PROGRESSIVE PROGETTO	QUOTE PROGETTO	DISTANZE PARZIALI PROGETTO
241.59	-5.00	1.12	241.57	-2.35	1.25
241.56	-3.88	0.90			
241.54	-2.98	0.54			
241.63	-1.64	1.64	241.52	-1.00	1.00
241.64	0.55	1.25	241.47	4.00	4.00
241.53	1.80	0.53			
240.09	2.40	1.31			
240.18	2.92	2.07	241.27	6.50	2.50
240.64	4.64	5.01	241.15	7.75	1.25
240.54	5.15	7.77	241.10	8.69	0.94
240.55	7.22		240.49	240.47	
240.43	12.23				
240.34	20.00				



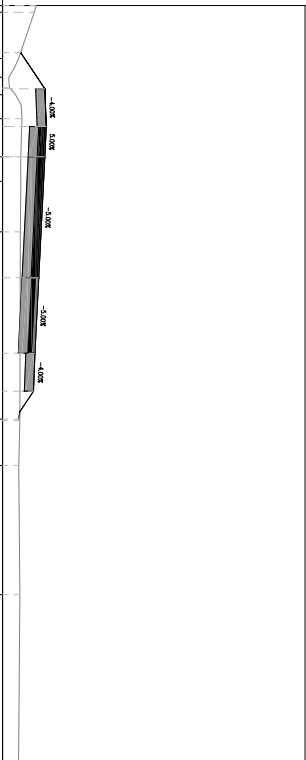
Rampa D (I) lvr_To
 Sez D 7
 Progr : 0+125.00
 Scala : 1:250
 Q.Rif. : 240.00

PROGRESSIVE TERRENO	QUOTE TERRENO	DISTANZE PARZIALI TERRENO	PROGRESSIVE PROGETTO	QUOTE PROGETTO	DISTANZE PARZIALI PROGETTO
	241.54	0.78			
	241.46				
	241.32	2.04			
	240.54	0.54			
	240.07	0.58			
	240.52				
	240.55	1.52			
	240.57	1.50			
	240.58	1.57	4.00		
	240.59	0.68			
	240.57				
		10.31			
	240.42				
		3.88			
	240.39				
	20.00				



Rampa D (I) lvr_To
 Sez D 8
 Progr : 0+150.00
 Scala : 1:250
 Q.Rif. : 240.00

PROGRESSIVE TERRENO	QUOTE TERRENO	DISTANZE PARZIALI TERRENO	PROGRESSIVE PROGETTO	QUOTE PROGETTO	DISTANZE PARZIALI PROGETTO
241.05	-4.98	1.53			
240.53	-3.25		240.59	-3.45	1.20
240.20	-2.63		241.39	-2.25	1.25
240.43	-2.06		241.44	-1.00	1.00
240.64	-1.26	1.20	241.39	0.00	4.00
240.60	0.00				
240.60	0.81	1.68			
240.58	2.48		241.19	4.00	2.50
		6.19	241.07	6.50	1.25
			241.02	7.75	0.68
			240.53	8.43	
		1.54			
		4.27			
		5.52			
240.53	20.00				



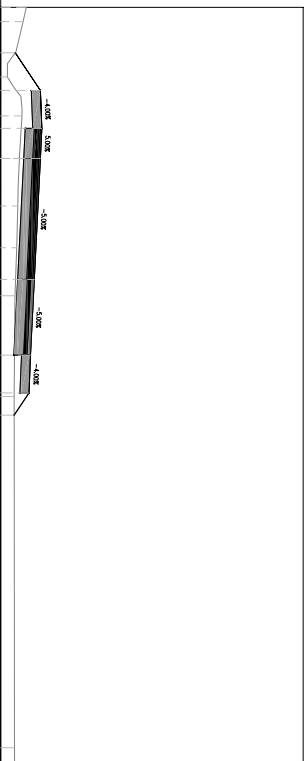
Rampa D (I) lvr_To
 Sez D 9
 Progr : 0+175.00
 Scala : 1:250
 Q.Rif. : 240.00

PROGRESSIVE TERRENO	QUOTE TERRENO	DISTANZE PARZIALI TERRENO	PROGRESSIVE PROGETTO	QUOTE PROGETTO	DISTANZE PARZIALI PROGETTO
240.76	5.00	0.73			
240.54	-4.22	0.57	-3.86	240.28	1.61
240.30	-3.50		-2.25	241.35	1.25
240.70	-2.92		-1.00	241.40	1.00
240.68	-2.10	1.92		241.35	4.00
240.65		1.02	4.00	241.15	2.50
240.64	1.02	0.71	6.50	241.03	1.25
240.62	1.73	0.91	7.75	240.98	0.68
240.57	2.64	1.00	8.43	240.52	
240.54	3.64				
		6.69			
240.51	10.33				
		9.67			
240.56	20.00				



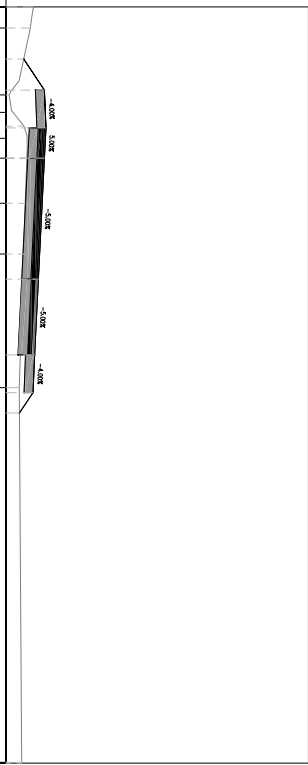
Rampa D (I) lvr_To
 Sez D 10
 Progr : 0+200.00
 Scala : 1:250
 Q.Rif. : 240.00

PROGRESSIVE TERRENO	QUOTE TERRENO	DISTANZE PARZIALI TERRENO	PROGRESSIVE PROGETTO	QUOTE PROGETTO	DISTANZE PARZIALI PROGETTO
240.85	-5.00				
240.74	-4.53	1.00			
240.35	-3.32		-3.49	240.48	1.24
240.22	-2.70		-2.25	241.31	1.25
240.67	-2.05		-1.00	241.36	1.00
240.70	-1.41	1.26	0.00	241.31	4.00
240.62	0.00	0.91			
240.58	0.91	0.66			
240.56	1.57	1.38			
240.53	2.95	1.58	4.00	241.11	2.50
240.47	4.54	3.34	6.50	240.99	1.25
240.44	7.87		7.75	240.94	0.74
		11.61	8.49	240.44	
240.46	19.48	0.52			
240.46	20.00				



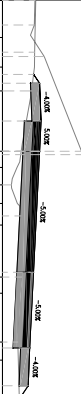
Rampa D (I) lvr_To
 Sez D 11
 Progr : 0+225.00
 Scala : 1:250
 Q.Rif. : 240.00

PROGRESSIVE TERRENO	QUOTE TERRENO	DISTANZE PARZIALI TERRENO	PROGRESSIVE PROGETTO	QUOTE PROGETTO	DISTANZE PARZIALI PROGETTO
240.91	5.00	1.74	-3.28	240.58	1.03
240.80	-4.31				
240.11	-2.09	0.45	-2.25	241.27	1.25
240.23	-1.52				
240.70	-0.66	1.49	-1.00	241.32	1.00
240.69	0.00				
240.63	1.49	1.67	0.00	241.27	4.00
240.61	3.17				
240.61	3.17	3.95	4.00	241.07	2.50
240.44	7.59				
240.44	7.59	12.39	6.50	240.94	1.25
240.44	8.43				
240.44	8.43	12.39	8.43	240.44	0.68
240.51	20.00				



Rampa D (I) lvr_To
 Sez D 12
 Progr : 0+250.00
 Scala : 1:250
 Q.Rif. : 240.00

DISTANZE PARZIALI PROGETTO	QUOTE PROGETTO	PROGRESSIVE PROGETTO	DISTANZE PARZIALI TERRENO	QUOTE TERRENO	PROGRESSIVE TERRENO
			1.24	241.10	5.00
			0.56	241.08	-3.76
0.29	241.93	-2.54	1.70	241.06	-2.78
1.25	241.28	-1.00		240.97	-2.00
1.00	241.23	0.00	0.51	240.62	0.53
				240.48	1.11
4.00			1.72	240.30	1.72
			0.54	240.50	2.44
	241.03	4.00	1.62	240.62	4.16
			0.60	240.64	4.69
2.50	240.90	6.50	0.55	240.51	6.31
1.25	240.85	7.75		240.53	6.90
0.44	240.86		3.30		
			0.55	240.61	10.20
			6.89	240.61	10.75
			2.37	240.43	17.63
				240.41	20.00



Rampa D (I) Ivr_To
 Sez D 13
 Progr : 0+267.88
 Scala : 1:250
 Q.Rif. : 240.00

PROGRESSIVE TERRENO	QUOTE TERRENO	DISTANZE PARZIALI TERRENO	PROGRESSIVE PROGETTO	QUOTE PROGETTO	DISTANZE PARZIALI PROGETTO
5.00	241.19	3.95			
-0.86	241.15	0.60	-0.38	241.18	0.38
	241.07	3.29		241.20	4.00
3.29	240.50	0.41	4.00	241.00	2.50
3.80	240.15	0.73		240.87	1.25
4.80	240.49	0.96	6.50	240.82	0.66
5.76	240.59	1.60	7.75	240.38	
7.72	240.39	1.72	8.44		
9.92	240.42	0.98			
10.90	240.45	1.51			
12.41	240.46	2.20			
14.60	240.41	3.68			
18.29	240.38	1.71			
20.00	240.41				



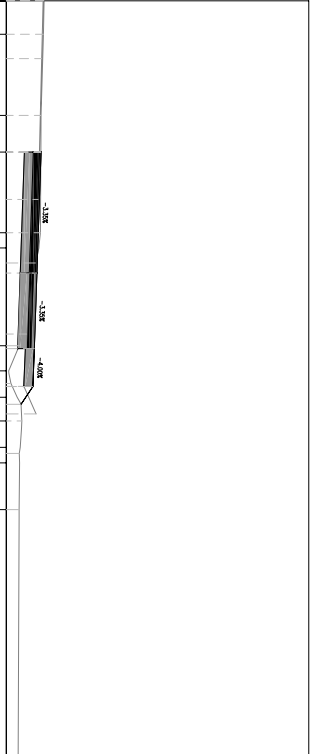
Rampa D (I) lvr_To
 Sez D 14
 Progr : 0+275.00
 Scala : 1:250
 Q.Rif. : 240.00

PROGRESSIVE TERRENO	QUOTE TERRENO	DISTANZE PARZIALI TERRENO	PROGRESSIVE PROGETTO	QUOTE PROGETTO	DISTANZE PARZIALI PROGETTO
5.00	241.22	1.48			
-3.52	241.19	2.80			
-0.72	241.16	0.72			
0.00	241.16		4.00	241.19	4.00
0.88	241.13	2.61			
3.64	240.65	0.83	4.00	241.00	2.50
4.47	240.46				
4.99	240.10	0.60			
6.05	240.49	0.80	6.50	240.89	1.25
7.09	240.57	0.74	7.75	240.84	0.75
7.83	240.36		8.50	240.33	
10.29	240.38	2.17			
12.28	240.40	1.90			
12.94	240.39				
		6.83			
20.00	240.39				



Rampa D (I) lvr_To
 Sez D 15
 Progr : 0+300.00
 Scala : 1:250
 Q.Rif. : 240.00

PROGRESSIVE TERRENO	QUOTE TERRENO	DISTANZE PARZIALI TERRENO	PROGRESSIVE PROGETTO	QUOTE PROGETTO	DISTANZE PARZIALI PROGETTO
5.00	241.25	1.10			
-3.90	241.23	2.69			
-1.21	241.15	1.21			
	241.14	2.64		241.15	4.00
2.67	241.13	0.50	4.00	241.01	2.50
3.17	241.08	2.73		240.93	1.25
6.40	240.43	0.65	6.50	240.88	0.59
7.23	240.08	0.56	7.75	240.49	
8.11	240.36	0.62	8.34		
8.89	240.51	1.55			
9.76	240.46				
10.27	240.44				
11.82	240.42	7.87			
20.00	240.39				



Rampa D (I) lvr_To
 Sez D 16
 Progr : 0+316.68
 Scala : 1:250
 Q.Rif. : 230.00

PROGRESSIVE TERRENO	QUOTE TERRENO	DISTANZE PARZIALI TERRENO	PROGRESSIVE PROGETTO	QUOTE PROGETTO	DISTANZE PARZIALI PROGETTO
241.21	5.00	1.53			
241.17	-3.47	2.34			
241.10	-1.13	1.13			
241.10	0.00	2.56		241.12	4.00
241.08	2.56				
241.06	3.27	1.66	4.00	241.02	2.50
240.67	4.93	1.66		240.96	1.25
240.36	6.58		6.50	240.91	0.72
239.97	7.25		7.75	240.42	
240.26	7.98		8.47		
240.44	8.77				
240.42	9.58	1.20			
240.41	11.06	0.72			
240.41	11.78	8.22			
240.38	20.00				