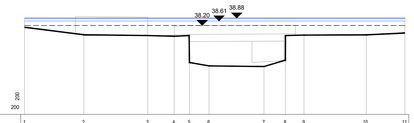
SEZIONE 12

30.00

PICCHETTO	1	2	3	4	5	6	7	8	9	10	11	
DISTANZE PROGRESSIVE [m]	0.00	3.06	11.26	13.97	18.23	22.29	24.44	26.31	29.10	31.97	35.25	
DISTANZE PARZIALI [m]	3.06	8.20	2.71	4.26	4.06	2.15	1.87	2.79	3.15			
QUOTE [m s.l.m.m.]	36.39	37.32	37.29	36.32	36.38	36.17	36.37	40.20	40.11			

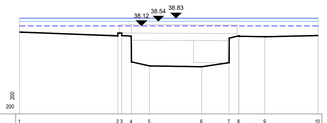
SEZIONE 11



30.00

PICCHETTO	1	2	3	4	5	6	7	8	9	10	11	
DISTANZE PROGRESSIVE [m]	0.00	5.47	11.37	13.80	15.21	17.03	22.12	24.67	26.79	31.54	35.11	
DISTANZE PARZIALI [m]	5.47	5.91	2.43	1.41	1.82	5.08	1.97	1.72	5.75	3.57		
QUOTE [m s.l.m.m.]	36.84	37.35	37.27	37.21	37.16	34.47	34.41	34.39	37.32	37.34	37.31	

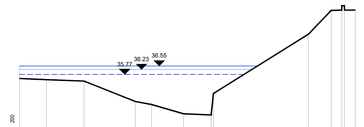
SEZIONE 10



30.00

PICCHETTO	1	2	3	4	5	6	7	8	9	10	
DISTANZE PROGRESSIVE [m]	0.00	2.63	3.03	4.71	11.99	16.81	19.34	20.34	22.64	27.56	
DISTANZE PARZIALI [m]	9.07	0.40	1.68	4.82	2.53	0.90	2.40	4.92			
QUOTE [m s.l.m.m.]	37.56	37.16	34.43	34.58	37.12	37.17	37.12	37.23			

SEZIONE 9



30.00

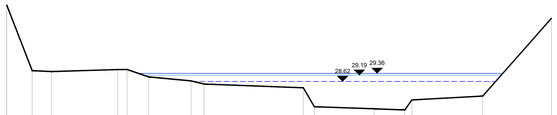
PICCHETTO	1	2	3	4	5	6	7	8	9	10	11	12 13
DISTANZE PROGRESSIVE [m]	0.00	2.47	5.95	10.67	12.18	15.13	17.66	17.93	26.66	29.77	32.94	35.55
DISTANZE PARZIALI [m]	2.47	3.49	4.72	1.51	2.95	2.55	0.27	8.77	2.11	0.97	2.61	1.00
QUOTE [m s.l.m.m.]	35.45	36.29	35.16	33.28	32.99	32.14	32.03	34.20	36.40	41.08	41.08	42.11

SEZIONE 4

20.00

PICCHETTO	1	2	3	4	5	6	7	8	9	10	11	12	13	14 15
DISTANZE PROGRESSIVE [m]	0.00	1.34	6.84	7.83	15.72	24.67	30.04	31.38	33.32	34.83	38.45	42.42	46.19	52.65
DISTANZE PARZIALI [m]	1.34	5.50	1.00	7.89	8.95	4.86	1.62	1.96	1.52	3.22	3.96	4.57	3.76	6.67
QUOTE [m s.l.m.m.]	31.03	30.85	31.20	31.34	30.96	30.80	30.43	30.17	30.51	31.27	29.66	29.40	31.02	30.98

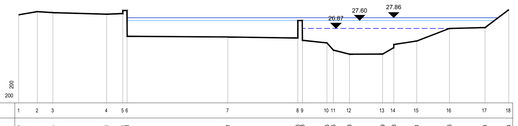
SEZIONE 3BV



20.00

PICCHETTO	1	2	3	4	5	6	7	8	9	10	11	12	13	14 15
DISTANZE PROGRESSIVE [m]	0.00	2.35	4.13	6.25	7.11	13.09	17.02	18.21	27.39	28.40	31.91	36.75	37.42	43.94	50.20
DISTANZE PARZIALI [m]	2.35	1.77	6.13	0.86	1.98	3.93	1.19	9.18	1.01	5.51	2.84	0.67	6.54	6.26	
QUOTE [m s.l.m.m.]	30.68	29.62	29.53	29.71	29.72	29.54	29.67	29.38	29.63	29.29	29.13	29.08	29.51	27.27	24.46

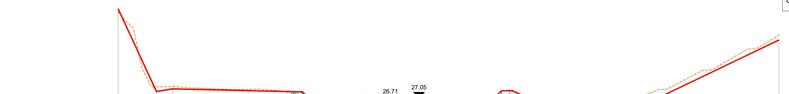
SEZIONE 3



20.00

PICCHETTO	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17 18
DISTANZE PROGRESSIVE [m]	0.00	1.72	3.16	6.11	6.61	8.51	18.31	20.78	22.26	25.45	29.00	30.53	33.59	34.43	36.74	39.76	42.54 42.54
DISTANZE PARZIALI [m]	1.72	1.44	4.96	1.49	0.50	9.80	6.45	2.47	3.19	3.45	3.55	3.06	1.04	2.11	3.02	3.28	2.20
QUOTE [m s.l.m.m.]	26.13	26.42	26.33	26.19	26.13	26.08	26.08	26.08	26.33	26.87	26.40	24.51	25.09	25.71	26.87	26.95	26.80

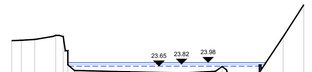
SEZIONE 4BV



20.00

PICCHETTO	1	2	3	4	5	6	7	8	9	10	11	12
DISTANZE PROGRESSIVE [m]	0.00	3.53	5.01	12.07	17.00	20.53	31.53	32.40	36.40	41.21	46.66	60.99
DISTANZE PARZIALI [m]	3.53	1.48	7.06	4.93	3.53	11.00	3.87	1.00	4.81	5.45	14.33	
QUOTE [m s.l.m.m.]	30.25	27.62	27.87	27.70	27.39	24.10	24.10	27.69	27.69	25.46	25.51	32.37

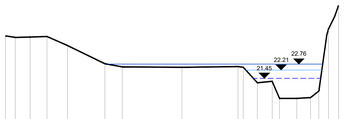
SEZIONE 6BV



20.00

PICCHETTO	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16 17
DISTANZE PROGRESSIVE [m]	0.00	2.25	5.31	10.18	11.03	12.84	14.84	27.33	38.66	46.66	50.26	53.03	57.03	62.43	67.39	
DISTANZE PARZIALI [m]	2.25	3.10	4.85	0.85	1.81	2.00	12.50	12.33	7.32	3.60	2.77	4.00	5.11	4.76		
QUOTE [m s.l.m.m.]	24.47	24.04	26.12	23.23	23.23	23.23	23.12	23.02	23.02	23.17	23.24	21.78	21.78	26.36	26.36	

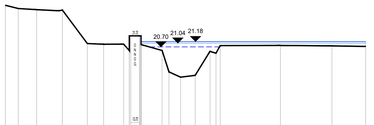
SEZIONE 7BV



15.00

PICCHETTO	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17 18
DISTANZE PROGRESSIVE [m]	0.00	2.26	5.68	8.59	14.22	22.04	26.64	42.73	53.68	55.68	59.12	61.54	63.23	67.21	70.42	73.35	76.86
DISTANZE PARZIALI [m]	2.26	3.42	3.91	4.74	8.62	4.00	13.78	12.93	1.95	3.23	2.42	1.69	3.98	3.19	2.93	3.51	
QUOTE [m s.l.m.m.]	23.37	23.23	20.29	23.31	24.48	22.05	22.01	22.47	22.23	22.23	21.56	21.17	19.60	19.60	19.87	19.87	21.17

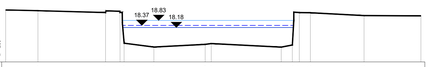
SEZIONE 8BV



10.00

PICCHETTO	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18 19
DISTANZE PROGRESSIVE [m]	0.00	2.98	7.24	13.17	18.91	22.70	25.92	28.92	31.21	35.16	37.97	40.44	43.81	47.24	50.05	61.48	73.37	83.15
DISTANZE PARZIALI [m]	2.98	4.26	5.93	5.74	3.78	4.62	3.22	2.70	4.87	3.95	2.81	3.37	3.43	2.74	2.80			
QUOTE [m s.l.m.m.]	24.54	24.24	24.13	24.24	24.15	21.00	20.94	20.95	20.77	21.17	21.36	19.36	19.36	17.60	19.07	20.29	20.79	20.74

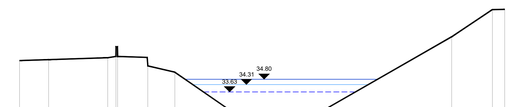
SEZIONE 6



15.00

PICCHETTO	1	2	3	4	5	6	7	8	9	10	11	12	13	14
DISTANZE PROGRESSIVE [m]	0.00	2.99	8.22	9.56	10.21	13.66	18.42	18.96	25.43	26.46	27.19	29.13	33.06	38.33
DISTANZE PARZIALI [m]	2.99	6.23	1.34	0.65	3.45	2.74	4.73	0.54	6.45	1.03	0.73	1.94	4.95	5.25
QUOTE [m s.l.m.m.]	19.60	19.73	18.62	18.58	18.51	18.37	18.37	18.42	18.37	18.37	18.39	18.34	19.28	19.26

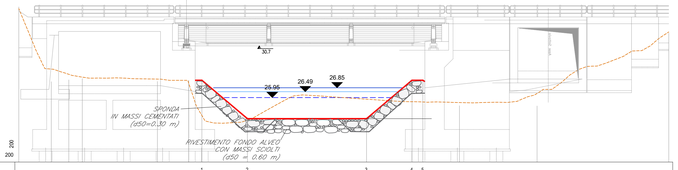
SEZIONE 5



25.00

PICCHETTO	1	2	3	4	5	6	7	8	9	10	11	12
DISTANZE PROGRESSIVE [m]	0.00	3.08	6.14	6.65	7.91	11.84	14.23	22.00	24.85	30.88	43.54	44.76
DISTANZE PARZIALI [m]	2.68	5.46	0.51	1.26	2.79	2.49	7.67	2.85	15.03	3.76	1.13	
QUOTE [m s.l.m.m.]	36.93	36.61	36.79	36.30	36.61	36.45	36.56	36.11	36.72	41.24	41.25	

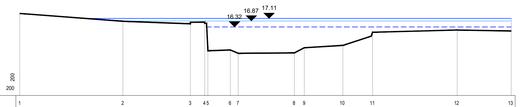
SEZIONE 1



20.00

PICCHETTO	1	2	3	4	5	
DISTANZE PROGRESSIVE [m]	0.00	16.90	21.10	32.10	36.30	50.00
DISTANZE PARZIALI [m]	16.90	4.20	11.00	4.20	13.70	
QUOTE [m s.l.m.m.]	34.42	27.56	24.00	24.00	27.56	31.91

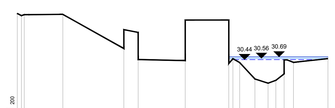
SEZIONE 7



10.00

PICCHETTO	1	2	3	4	5	6	7	8	9	10	11	12	13	
DISTANZE PROGRESSIVE [m]	0.00	9.93	15.74	17.01	18.01	19.44	20.16	25.34	26.27	29.83	35.57	40.28	47.27	
DISTANZE PARZIALI [m]	9.93	6.22	1.34	1.27	0.99	0.72	5.18	0.93	3.56	2.74	7.81	4.99		
QUOTE [m s.l.m.m.]	17.57	16.85	15.51	15.30	15.51	14.19	13.89	13.93	14.40	14.42	15.47	15.93	16.04	15.96

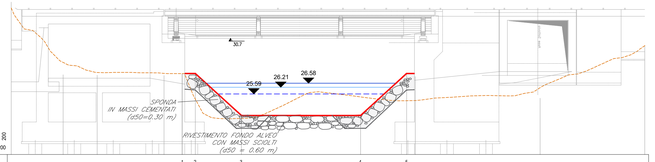
SEZIONE 1BV



25.00

PICCHETTO	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
DISTANZE PROGRESSIVE [m]	0.00	1.11	3.23	10.52	24.60	27.91	38.77	43.61	45.76	51.84	57.87	59.97	62.69	63.74	71.69	
DISTANZE PARZIALI [m]	1.11	2.12	7.29	14.08	3.30	10.86	10.05	4.84	6.15	3.51	3.03	2.72	1.05	7.95		
QUOTE [m s.l.m.m.]	34.33	34.33	34.42	34.15	33.15	33.34	33.34	30.94	30.94	30.56	28.46	28.28	28.28	30.53	30.53	

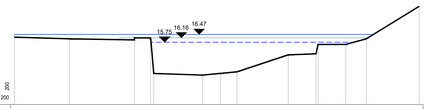
SEZIONE 2



20.00

PICCHETTO	1	2	3	4	5	
DISTANZE PROGRESSIVE [m]	0.00	15.79	17.00	21.25	32.25	36.50
DISTANZE PARZIALI [m]	15.79	1.21	4.25	11.00	4.25	21.98
QUOTE [m s.l.m.m.]	34.47	27.48	27.48	23.60	23.60	27.48

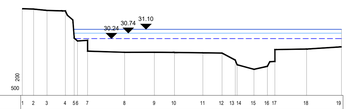
SEZIONE 8



10.00

PICCHETTO	1	2	3	4	5	6	7	8	9	10	11	12	13 14
DISTANZE PROGRESSIVE [m]	0.00	5.08	11.08	12.56	13.21	17.39	19.03	20.55	25.29	27.54	29.85	30.59	32.48
DISTANZE PARZIALI [m]	5.08	6.00	1.48	0.65	4.18	1.64	1.51	4.74	2.25	2.31	0.74	1.89	4.89
QUOTE [m s.l.m.m.]	16.22	16.06	16.06	15.92	15.92	15.72	15.56	15.02	14.58	14.58	15.84	15.56	16.06

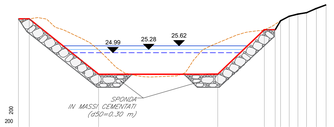
SEZIONE 2BV



25.00

PICCHETTO	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18 19
DISTANZE PROGRESSIVE [m]	0.00	2.63	5.72	9.96	10.80	11.59	15.99	20.63	30.48	36.11	41.69	46.11	48.61	53.48	56.57	62.31	65.03	79.67
DISTANZE PARZIALI [m]	2.63	3.09	4.24	0.83	0.79	4.40	4.64	9.85	5.63	5.58	4.42	2.50	4.87	3.09	5.74	2.72	14.64	
QUOTE [m s.l.m.m.]	30.00	30.87	30.34	30.74	30.83	30.95	30.86	30.86	30.87	30.93	30.94	30.93	30.93	30.93	30.93	29.29	29.29	29.48

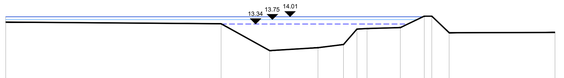
SEZIONE 665



18.00

PICCHETTO	1	2	3	4	5	6	7	8	9	10	11	12					
DISTANZE PROGRESSIVE [m]	0.00	1.00	7.40	18.40	20.70	23.70	24.20	25.90	26.40	27.90	28.40	29.90					
DISTANZE PARZIALI [m]	1.00	6.40	11.00	4.30	1.00	3.00	0.50	1.50	0.50	1.50	0.50	1.50					
QUOTE [m s.l.m.m.]	26.11	26.11	23.00	23.00	22.70	25.70	25.34	26.35	26.35	26.35	26.35	26.35					

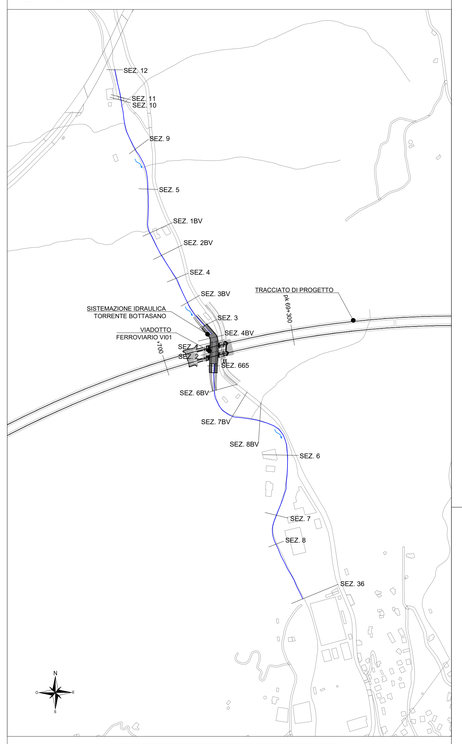
SEZIONE 36



5.00

PICCHETTO	1	2	3	4	5	6	7	8	9	10	11	12	
DISTANZE PROGRESSIVE [m]	0.00	19.88	24.35	28.81	31.17	32.42	33.34	36.42	38.63	39.63	40.63	50.70	
DISTANZE PARZIALI [m]	19.88	4.48	4.46	2.36	1.25	0.92	3.08	2.21	1.00	1.00	9.77		
QUOTE [m s.l.m.m.]	13.52	13.37	10.89	11.15	11.45	12.87	12.03	13.01	14.06	14.06	12.53	12.56	

KEY PLAN Scala - 1:5.000



LEGENDA

	LIVELLO TR500
	LIVELLO TR200
	LIVELLO TR50
	TERRENO ESISTENTE
	INTERVENTO DI SISTEMAZIONE IDRAULICA
	SEZIONE
SEZIONE X	n° SEZIONE

COMMITTENTE:

RFI RETE FERROVIARIA ITALIANA
GRUPPO FERROVIE DELLO STATO ITALIANE

PROGETTAZIONE:

ITALFERR
GRUPPO FERROVIE DELLO STATO ITALIANE

U.O. OPERE CIVILI

PROGETTO DEFINITIVO

RADDOPPIO DELLA LINEA GENOVA - VENTIMIGLIA

TRATTA FINALE LIGURE - ANDORA

ELABORATI DI IDROLOGIA E IDRAULICA

Torrente Bottasano - pk 69+500
Sezioni significative con livelli idrici (Modello 1D) - Tr 50, 200, 500 anni - Torrente Bottasano - post operam

SCALA: varie

COMMESSA	LOTTO	FASE	ENTE	TIPO DOC.	OPERA/DISCIPLINA	PROGR.	REV.
IV0I	00	D	09	WZ	ID0002	014	A

Rev.	Descrizione	Redatto	Data	Verificato	Data	Approvato	Data	Autorizzato Data
A	Emissione esecutiva	D. Polverelli	Gen 2022	C. Cerati	Gen 2022	G. Fadda	Gen 2022	A. Villozzi ITALFERR S.p.A. Direzione Tecnica Area Idraulica Dott. Ing. A. Villozzi Ordine degli Ingegneri di Roma n° A32781

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