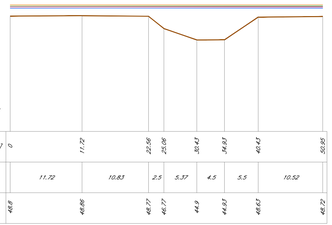
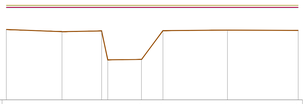
SEZIONE 2003 – HEC 110
Scala 1:400
Orif = 35.00 m s.m.m.



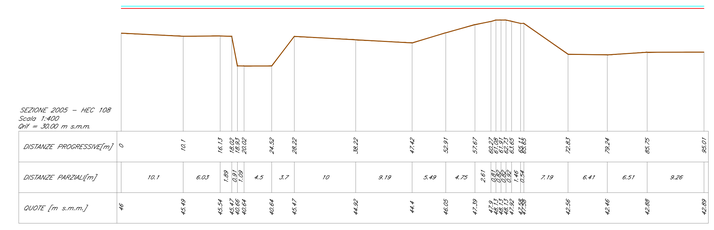
DISTANZE PROGRESSIVE[m]	0	11.72	22.56	25.06	30.43	34.93	40.43	50.95
DISTANZE PARZIALI[m]	11.72	10.83	2.5	5.37	4.5	5.5	10.52	
QUOTE [m s.m.m.]	46.8	46.86	46.37	46.77	44.9	44.93	46.61	46.72

SEZIONE 2004 – HEC 109
Scala 1:400
Orif = 35.00 m s.m.m.

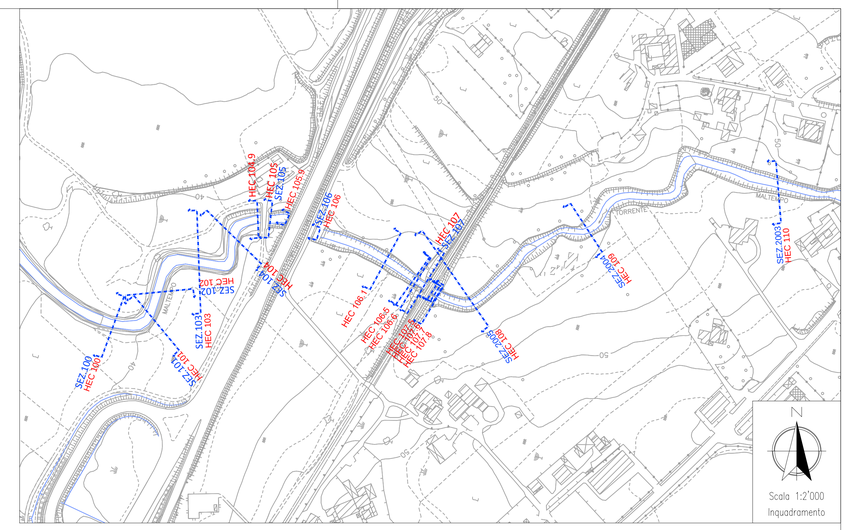


DISTANZE PROGRESSIVE[m]	0	9.08	15.53	16.53	22.03	25.53	36.05	47.57
DISTANZE PARZIALI[m]	9.08	6.45	1	5.5	3.5	10.52	11.52	
QUOTE [m s.m.m.]	46.47	46.11	46.61 41.53	41.58	46.28	46.47	46.31	

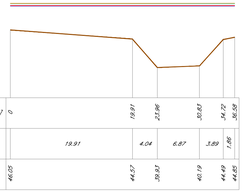
SEZIONE 2005 – HEC 108
Scala 1:400
Orif = 30.00 m s.m.m.



DISTANZE PROGRESSIVE[m]	0	10.1	16.13	17.69 18.82 19.82	24.52	28.22	38.32	47.42	52.91	57.61 58.61 59.61 60.61 61.61 62.61	72.82	79.24	85.75	95.01
DISTANZE PARZIALI[m]	10.1	6.03	1.69	1.13 1.00	4.5	3.7	10	9.19	5.49	4.75	2.61	7.19	6.41	6.51	9.26	
QUOTE [m s.m.m.]	46	45.49	45.54	45.47 45.64 45.64	45.64	45.47	44.82	44.4	44.05	43.39	43.23 43.23 43.23 43.23 43.23 43.23	42.56	43.46	42.88	42.89	

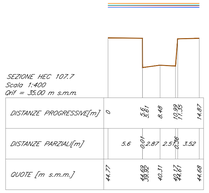


SEZIONE HEC 107.8
Scala 1:400
Orif = 35.00 m s.m.m.



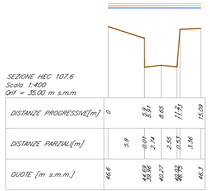
DISTANZE PROGRESSIVE[m]	0	19.91	23.95	30.82	34.72	36.58
DISTANZE PARZIALI[m]	19.91	4.04	6.87	3.89	1.86	
QUOTE [m s.m.m.]	46.05	44.57	39.91	40.19	44.49	44.85

SEZIONE HEC 107.7
Scala 1:400
Orif = 35.00 m s.m.m.



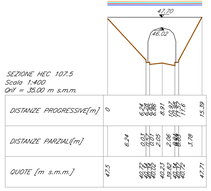
DISTANZE PROGRESSIVE[m]	0	5.6	8.01 8.49	10.85 11.33	14.87
DISTANZE PARZIALI[m]	5.6	0.01 2.87	2.5 2.36	3.52	
QUOTE [m s.m.m.]	44.77	44.68 44.68	40.31 40.31	44.68 44.68	44.68

SEZIONE HEC 107.6
Scala 1:400
Orif = 35.00 m s.m.m.



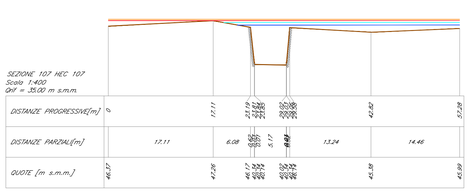
DISTANZE PROGRESSIVE[m]	0	5.9	8.01 8.49	10.85 11.33	11.93 12.41	15.09
DISTANZE PARZIALI[m]	5.9	0.01 2.74	2.55 2.53	1.08 0.56	3.16	
QUOTE [m s.m.m.]	46.6	44.68 44.68	40.27 40.27	44.68 44.68	44.68 44.68	44.3

SEZIONE HEC 107.5
Scala 1:400
Orif = 35.00 m s.m.m.



DISTANZE PROGRESSIVE[m]	0	6.24	10.01 10.49	13.85 14.33	15.39
DISTANZE PARZIALI[m]	6.24	0.01 3.36	2.96 1.06	1.06	
QUOTE [m s.m.m.]	41.5	41.57 41.57	41.57 41.57	41.57 41.57	41.57

SEZIONE 107 HEC 107
Scala 1:400
Orif = 35.00 m s.m.m.



DISTANZE PROGRESSIVE[m]	0	17.11	23.19 23.67	37.26 37.74	42.52	57.26
DISTANZE PARZIALI[m]	17.11	6.08	5.17	13.24	14.46	
QUOTE [m s.m.m.]	46.57	47.26	44.17 44.17	43.36	43.36	43.89

SEZIONE HEC 106.60
Scala 1:400
Orif = 35.00 m s.m.m.

DISTANZE PROGRESSIVE[m]	0	10.93	16.76	22.72 23.20	24.77	27.68 28.16	36.03	41.01	47.56
DISTANZE PARZIALI[m]	10.93	5.83	5.96	0.48 1.91	3.39	2.91	7.87	5.05	6.49
QUOTE [m s.m.m.]	44.12	44.04	44.78	40.78 40.78	40.62	40.62 40.62	41.88	42	42.29

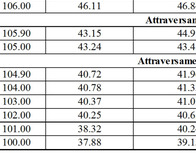
SEZIONE HEC 106.50
Scala 1:400
Orif = 35.00 m s.m.m.

DISTANZE PROGRESSIVE[m]	0	11.07	17.03	21.82	24.79	25.87 26.87	41.39	47.61
DISTANZE PARZIALI[m]	11.07	5.95	4.79	2.97	5.21	0.88	10.61	6.34
QUOTE [m s.m.m.]	44	43.98	44.47	40.59	39.97	39.97 39.97	41.95	42.36

SEZIONE HEC 106.1
Scala 1:400
Orif = 35.00 m s.m.m.

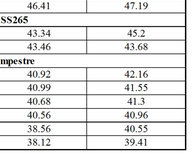
DISTANZE PROGRESSIVE[m]	0	12.16	20.11	26.04	31.81	35.83	39.41	53.71
DISTANZE PARZIALI[m]	12.16	7.95	5.93	5.77	4.13	3.48	13.3	
QUOTE [m s.m.m.]	43.4	43.31	43.11	39.77	38.32	42.36	42.36	42.62

SEZIONE 106 – HEC 106
Scala 1:400
Orif = 35.00 m s.m.m.



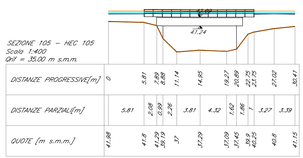
DISTANZE PROGRESSIVE[m]	0	2.56	5.42 5.85	9.98 10.42	12.42
DISTANZE PARZIALI[m]	2.56	2.85	4.13	0.27	2.52
QUOTE [m s.m.m.]	41.58	41.58 41.58	41.58 41.58	41.58 41.58	41.58

SEZIONE HEC 105.90
Scala 1:400
Orif = 35.00 m s.m.m.



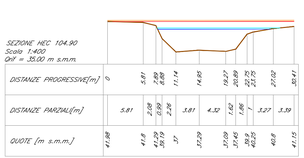
DISTANZE PROGRESSIVE[m]	0	2.56	5.42 5.85	9.98 10.42	12.42
DISTANZE PARZIALI[m]	2.56	2.85	4.13	0.27	2.52
QUOTE [m s.m.m.]	41.58	41.58 41.58	41.58 41.58	41.58 41.58	41.58

SEZIONE 105 – HEC 105
Scale 1:400
Orif = 35.00 m s.m.m.



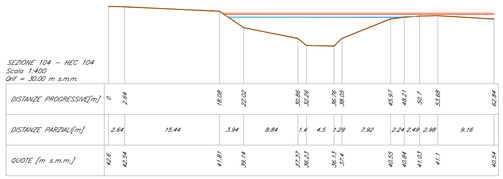
DISTANZE PROGRESSIVE[m]	0	5.81	7.69 8.17	9.09 9.56	11.14	14.85	19.27 19.75	20.89 21.37	23.75	27.02	30.41
DISTANZE PARZIALI[m]	5.81	1.88 0.48	0.92 0.48	2.05	3.71	4.42	1.62	1.66 0.48	3.27	3.39	
QUOTE [m s.m.m.]	41.88	41.8 41.8	42.29 42.29	37 37	37.29	37.29	37.09 37.09	39.46 39.46	40.25	40.8	41.15

SEZIONE HEC 104.90
Scala 1:400
Orif = 35.00 m s.m.m.



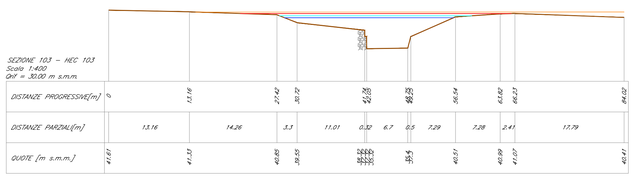
DISTANZE PROGRESSIVE[m]	0	5.81	7.69 8.17	9.09 9.56	11.14	14.85	19.27 19.75	20.89 21.37	23.75	27.02	30.41
DISTANZE PARZIALI[m]	5.81	1.88 0.48	0.92 0.48	2.05	3.71	4.32	1.62	1.66 0.48	3.27	3.39	
QUOTE [m s.m.m.]	41.88	41.8 41.8	42.29 42.29	37 37	37.29	37.29	37.09 37.09	39.46 39.46	40.25	40.8	41.15

SEZIONE 104 – HEC 104
Scala 1:400
Orif = 30.00 m s.m.m.



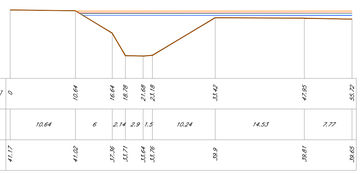
DISTANZE PROGRESSIVE[m]	0	2.64	18.08	23.02	33.86 34.34	36.78 37.26	43.97 44.45	48.21 48.7	51.68	62.84
DISTANZE PARZIALI[m]	2.64	15.44	3.94	8.84	1.4	4.5	1.29	7.92	2.24	2.49 2.98	9.16
QUOTE [m s.m.m.]	42.6	42.34	41.61	38.14	37.37 36.23	36.13 37.4	40.55	40.84	41.03	41.1	40.34

SEZIONE 103 – HEC 103
Scala 1:400
Orif = 30.00 m s.m.m.



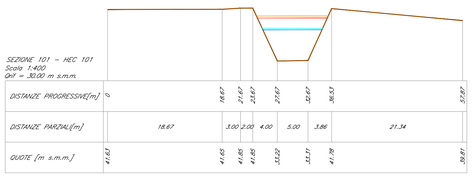
DISTANZE PROGRESSIVE[m]	0	13.16	27.42	30.72	41.73 42.21	49.25 49.73	56.54	63.82 64.31	82.21	84.52
DISTANZE PARZIALI[m]	13.16	14.26	3.3	11.01	0.32	6.7	0.5	7.29	7.28	2.41	17.79
QUOTE [m s.m.m.]	41.61	41.33	40.85	39.55	39.55 39.55	39.5 39.5	40.51	40.89	41.07	40.41	

SEZIONE 102 – HEC 102
Scala 1:400
Orif = 30.00 m s.m.m.



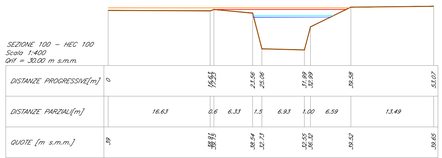
DISTANZE PROGRESSIVE[m]	0	10.64	16.64	18.78	21.68	23.18	33.42	47.95	55.72
DISTANZE PARZIALI[m]	10.64	6	2.14	2.9	1.5	10.24	14.53	7.77	
QUOTE [m s.m.m.]	41.17	41.02	37.36	33.71	33.64	33.36	39.9	39.61	39.65

SEZIONE 101 – HEC 101
Scala 1:400
Orif = 30.00 m s.m.m.



DISTANZE PROGRESSIVE[m]	0	18.67	21.67	23.67	27.67	32.67	36.53	57.87
DISTANZE PARZIALI[m]	18.67	3.00	2.00	4.00	5.00	3.86	21.34	
QUOTE [m s.m.m.]	41.63	41.65	41.65	33.22	33.11	41.78	39.81	

SEZIONE 100 – HEC 100
Scala 1:400
Orif = 30.00 m s.m.m.



DISTANZE PROGRESSIVE[m]	0	15.63	21.56	25.08	31.89 32.37	39.58	53.07
DISTANZE PARZIALI[m]	16.63	0.6	6.33	1.5	6.93	1.00	6.59	13.49
QUOTE [m s.m.m.]	39	38.81 38.81	38.44 32.11	32.11	32.55 32.55	39.42	39.65

LEGENDA SEZIONI

- LIVELLO IDRICO TR 300 (WS)
- LIVELLO ENERGIA TR 300 (EG)
- LIVELLO IDRICO TR 200 (WS)
- LIVELLO ENERGIA TR 200 (EG)
- PROFILO DEL TERRENO
- HEC01 — N. SEZIONE HEC RAS
- SEZ.1011 — N. SEZIONE RILIEVO TOPOGRAFICO

Sezione Rilievo	Sezione Hec-Ras	Livello idricoTR200 [m]	Livello energia TR200 [m]	Livello idrico TR300 [m]	Livello energiaTR300 [m]
2003	110.00	50.09	50.31	50.42	50.61
2004	109.00	50.03	50.09	50.37	50.42
2005	108.00	49.99	50.02	50.39	50.4
	107.80	49.96	50.01	50.34	50.39
	107.70	49.72	49.99	50.09	50.37
	107.60	49.63	49.97	50	50.35
	107.50	49.7	49.93	50.07	50.31
	Attraversamento ferroviario esistente				
107	107.00	46.56	47.3	46.95	47.49
	106.60	46.93	46.99	47.28	47.34
	106.50	46.93	46.99	47.28	47.34
	106.10	46.94	46.98	47.28	47.33
106	106.00	46.11	46.84	46.41	47.19
	Attraversamento strada SS265				
105.9	105.90	43.15	44.91	43.34	45.2
105	105.00	43.24	43.45	43.46	43.68
	Attraversamento strada campestre				
	104.90	40.72	41.96	40.92	42.16
104	104.00	40.78	41.33	40.99	41.55
103	103.00	40.37	41.05	40.68	41.3
102	102.00	40.25	40.65	40.56	40.96
101	101.00	38.32	40.24	38.56	40.55
100	100.00	37.88	39.13	38.12	39.41

COMMITTENTE:
RFI RETE FERROVIARIA ITALIANA
GRUPPO FERROVIE DELLO STATO ITALIANE

PROGETTAZIONE:
ITALFERR
GRUPPO FERROVIE DELLO STATO ITALIANE

DIREZIONE TECNICA
U.O. INFRASTRUTTURE CENTRO

PROGETTO DEFINITIVO

ITINERARIO NAPOLI - BARI
RADDOPPIO TRATTA CANCELLO - BENEVENTO
II LOTTO FUNZIONALE FRASSO TELESINO - VITULANO
1° LOTTO FUNZIONALE FRASSO - TELESE

Sezioni Ante Operam Torrente Maltempo progr. 19+755

SCALA : Varie

COMMESSA	LOTTO	FASE	ENTE	TIPO DOC.	OPERA/DISCIPLINA	PROGR.	REV.
IF0H	12	D	11	WZ	VI0409	001	A

Revis.	Descrizione	Redatto	Data	Verificato	Data	Approvato	Data	Autorizzato Data
A	Emissione Esecutiva	C. Marson	giugno 2017	E.Ellero	giugno 2017	S.Cartone	giugno 2017	

ITALFERR S.p.A.
Direzione Tecnica
Infrastrutture Centro
Dott.Ing.Fabio Cartone
Ordine degli Ingegneri della Provincia di Roma
n. 19904 sez. A

File: IFOH12D11WZVI0409001A.dwg

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