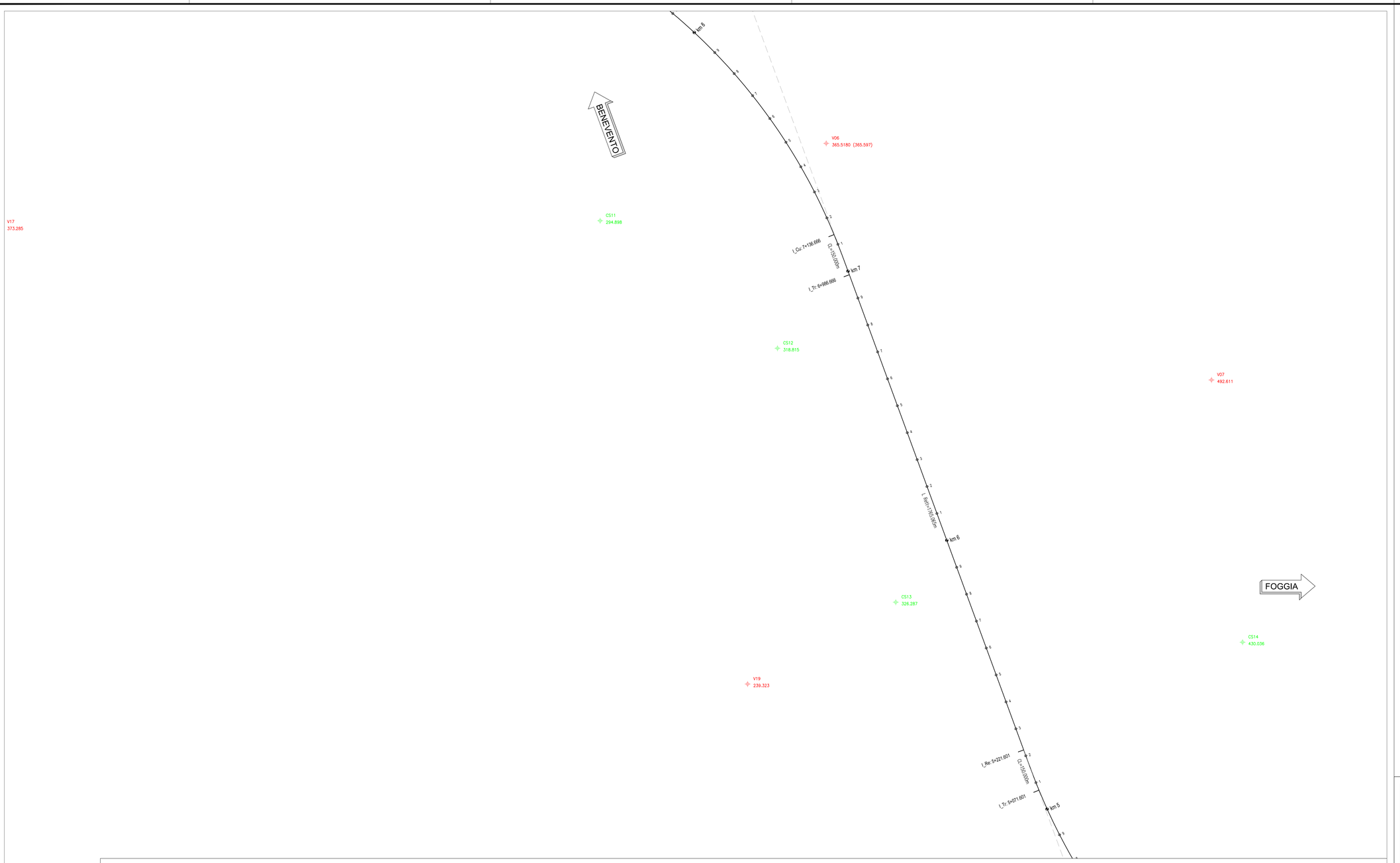
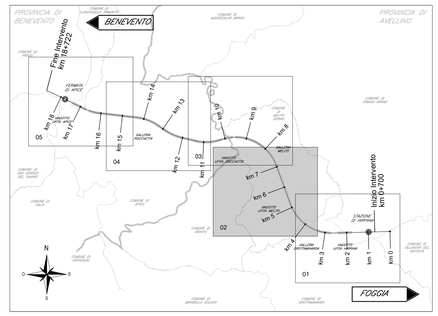


KEY-PLAN - Scala 1:100.000



RETE CAPOSALDI DI RAFFITTIMENTO

RETE CAPOSALDI IMPIANTO COORDINATE RETTILINEE

Nome	Ascissa	Ordinata	Quota	Q. LIVELLATA
IGM174703	27899.8832	147444.5290	607.0560	
IGM174903	11934.9921	153349.8454	638.5910	
V01	7606.6281	155238.1122	158.8050	
V02	6581.8449	156674.7781	286.8660	
V03	9280.7177	156027.1849	173.4320	
V04	10107.4452	154498.2937	473.3190	
V05	14964.0046	153369.4609	203.9660	204.0940
V06	17100.9302	152582.7763	365.5180	365.5970
V07	18443.8818	151757.7859	492.6110	
V08	18331.8011	149689.8380	340.0730	
V09	19999.9653	149999.9363	324.9090	
V10	23456.3995	150277.7273	356.4250	
V11	22635.0852	147293.9440	344.8990	
V12	25077.9819	145895.1129	367.0100	
V13	24610.0420	147221.7669	370.3380	
V14	4425.2993	154303.7737	153.2710	
V15	8959.2470	153307.5386	241.7190	241.8010
V16	13137.4179	155516.1705	310.5130	
V17	14225.8863	152291.0809	373.2850	
V18	17106.7556	153715.2060	421.0830	421.0830
V19	16826.8906	150697.2647	239.3230	
V20	18073.3681	149153.6371	428.6010	
V21	19557.0319	147241.5485	413.1690	
V22	21354.5702	149119.0393	329.9870	330.1060
V23	24185.1584	149104.1327	405.8150	

RETE CAPOSALDI RAFFITTIMENTO COORDINATE RETTILINEE LIVELLATE

Nome	Ascissa	Ordinata	Quota
CS01	7971.5960	155150.1808	158.5710
CS02	8194.9191	154536.3659	169.1210
CS03	9553.0234	153939.1970	431.5790
CS04	10799.1858	154569.1145	462.9990
CS05	11530.3890	154328.5152	558.9460
CS06	12221.2005	153843.0582	605.7050
CS07	13139.4026	153559.7572	425.8160
CS08	14378.5788	153414.5934	277.7140
CS09	15024.4609	153866.1606	205.2560
CS10	16340.9531	153922.1810	349.2480
CS11	16312.8894	152313.0009	294.8980
CS12	16930.9661	151868.2534	318.8150
CS13	17343.3671	150982.6566	326.2870
CS14	18552.4053	150843.1720	430.0360
CS15	18801.3332	150024.6332	373.2210
CS16	18756.4326	149639.2615	326.8620
CS17	19237.6865	148539.4377	394.3650
CS18	19964.2973	148765.3725	328.8430
CS19	20841.3509	148589.1551	323.4700
CS20	22659.8748	150363.8585	352.3980
IGM174703	27899.8832	147444.5290	607.0410
IGM174903	11934.9921	153349.8454	638.5910

VERTICI PLANIMETRICI ASSE BINARIO PARI

FERROVIA Asse_BP_rettilinee	
PIANO V Asse_BP_rettilinee.1	
X	21699.378
Y	149136.611
Azin	298.264246g

FERROVIA Asse_BP_rettilinee			
PIANO V Asse_BP_rettilinee.2			
X	18311.190	Azin	298.264246g
Y	149044.208	Azfin	377.622801g
R(m)	2004.000	V(km/h)	200
Sv(m)	2348.109	Ltr(m)	150.000
Alfa	74.593437g	m(m)	0.468
Alfa tot	79.358555g	D(mm)	145
Tarco(m)	1329.794	dD/dt	53.704
I(mm)	90.529	dD/dL	0.967
E(mm)	107.315	di/dt	33.529

FERROVIA Asse_BP_rettilinee			
PIANO V Asse_BP_rettilinee.3			
X	16513.669	Azin	377.622801g
Y	153945.699	Azfin	282.093959g
R(m)	−2000.000	V(km/h)	200
Sv(m)	2851.127	Ltr(m)	150.000
Alfa	90.754204g	m(m)	0.469
Alfa tot	95.528842g	D(mm)	145
Tarco(m)	1728.755	dD/dt	53.704
I(mm)	91.000	dD/dL	0.967
E(mm)	107.240	di/dt	33.704

FERROVIA Asse_BP_rettilinee			
PIANO V Asse_BP_rettilinee.4			
X	13962.310	Azin	282.093959g
Y	153208.543	Azfin	314.825353g
R(m)	2004.000	V(km/h)	200
Sv(m)	880.344	Ltr(m)	150.000
Alfa	27.966277g	m(m)	0.468
Alfa tot	32.731395g	D(mm)	145
Tarco(m)	447.390	dD/dt	53.704
I(mm)	90.529	dD/dL	0.967
E(mm)	107.315	di/dt	33.529

FERROVIA Asse_BP_rettilinee			
PIANO V Asse_BP_rettilinee.5			
X	12371.955	Azin	314.825353g
Y	153585.742	Azfin	338.203964g
R(m)	2204.000	V(km/h)	200
Sv(m)	674.376	Ltr(m)	135.000
Alfa	19.479175g	m(m)	0.345
Alfa tot	23.378611g	D(mm)	130
Tarco(m)	339.844	dD/dt	53.498
I(mm)	84.156	dD/dL	0.963
E(mm)	95.735	di/dt	34.632

FERROVIA Asse_BP_rettilinee			
PIANO V Asse_BP_rettilinee.6			
X	11250.800	Azin	338.203964g
Y	154352.940	Azfin	307.368019g
R(m)	−2200.000	V(km/h)	200
Sv(m)	930.614	Ltr(m)	135.000
Alfa	26.929416g	m(m)	0.345
Alfa tot	30.835945g	D(mm)	130
Tarco(m)	472.372	dD/dt	53.498
I(mm)	84.156	dD/dL	0.963
E(mm)	95.673	di/dt	34.792

FERROVIA Asse_BP_rettilinee	
PIANO V Asse_BP_rettilinee.7	
X	8619.108
Y	154658.891
Az1	307.368019g
Alfa	21.935053g
Az2	329.303072g
T1(m)	435.045
T2(m)	607.518
Svtot(m)	1034.881

FERROVIA Asse_BP_rettilinee	
PIANO V Asse_BP_rettilinee.7a	
Alfa	15.403672g
R(m)	2004.000
Tarco(m)	243.634
Sv(m)	484.888
V(km/h)	200
CL1(m)	150.000
m1(m)	0.468
D(mm)	145
CL2(m)	135.001
m2(m)	0.303
I(mm)	90.529
E(mm)	107.315
dD/dt1	53.704
dD/dL1	0.967
di/dt1	33.529
dD/dt2	49.382
dD/dL2	0.889
di/dt2	28.127

FERROVIA Asse_BP_rettilinee	
PIANO V Asse_BP_rettilinee.7b	
Alfa	1.463588g
R(m)	10004.000
Tarco(m)	115.001
Sv(m)	229.992
V(km/h)	200
CL1(m)	–
m1(m)	–
D(mm)	25
CL2(m)	35.000
m2(m)	0.005
I(mm)	22.181
E(mm)	17.451
dD/dt2	39.683
dD/dL2	0.714
di/dt2	35.208

FERROVIA Asse_BP_rettilinee			
PIANO V Asse_BP_rettilinee.8			
X	8201.185	Azin	329.303072g
Y	154866.102	Azfin	328.373484g
R(m)	−10000.000	V(km/h)	200
Sv(m)	111.019	Ltr(m)	35.000
Alfa	0.706771g	m(m)	0.005
Alfa tot	0.929588g	D(mm)	25
Tarco(m)	55.510	dD/dt	39.683
I(mm)	22.200	dD/dL	0.714
E(mm)	17.448	di/dt	35.238

FERROVIA Asse_BP_rettilinee	
PIANO V Asse_BP_rettilinee.9	
X	6677.695
Y	155608.732
Az1	328.373484g
Alfa	12.184261g
Az2	316.189222g
T1(m)	197.434
T2(m)	127.525
Svtot(m)	324.134

FERROVIA Asse_BP_rettilinee	
PIANO V Asse_BP_rettilinee.9a	
Alfa	15.403672g
R(m)	1320.000
Tarco(m)	41.196
Sv(m)	82.365
V(km/h)	160
CL1(m)	150.000
m1(m)	0.710
D(mm)	150
I(mm)	78.848
E(mm)	92.788
dD/dt1	44.444
dD/dL1	1.000
di/dt1	23.362

FERROVIA Asse_BP_rettilinee	
PIANO V Asse_BP_rettilinee.9b	
Alfa	1.463588g
R(m)	1265.800
Tarco(m)	35.894
Sv(m)	71.769
V(km/h)	160
CL(m)	20.000
m(m)	0.001
D(mm)	150
I(mm)	88.647
E(mm)	90.338
dD/dt	0.000
dD/dL	0.000
di/dt	21.776

FERROVIA Asse_BP_rettilinee	
PIANO V Asse_BP_rettilinee.10	
X	6554.272
Y	155640.813
Azfin	316.189222g

DATI DEVIATOI

N°Dev.	Tipologia Deviatoio	Coordinate C.G.		Coordinate P.S.	
D.11	S 60U-400-0.074 DX	X 20937.985	Y 149115.846	X 20923.008	Y 149115.438
D.12	S 60U-400-0.074 SX	X 20877.928	Y 149118.210	X 20892.904	Y 149118.618
D.13	S 60U-400-0.074 SX	X 20823.969	Y 149112.737	X 20808.993	Y 149112.328
D.14	S 60U-400-0.074 DX	X 20758.030	Y 149110.938	X 20773.006	Y 149111.347
D.15	S 60U-400-0.074 DX	X 20703.853	Y 149113.462	X 20688.877	Y 149113.054

DATI DEVIATOI

N°Dev.	Tipologia Deviatoio	Coordinate C.G.		Coordinate P.S.	
D.18	S 60U-400-0.074 DX	X 7076.002	Y 155418.440	X 7089.521	Y 155411.982
D.19	S 60U-400-0.074 DX	X 7028.922	Y 155445.366	X 7015.404	Y 155451.824
D.20	S 60U-1200-0.040 SX	X 6984.424	Y 155466.625	X 7006.381	Y 155456.135
D.21	S 60U-1200-0.040 SX	X 6893.744	Y 155505.514	X 6871.787	Y 155516.004

VERTICI ALTIMETRICI ASSE BINARIO PARI

V ALT Asse_BP_rettilinee.1	
PR	0.000
QV	342.740

V ALT Asse_BP_rettilinee.2	
PR	514.633
QV	336.566
Pc	−0.011997
Pu	−0.001198
DP	0.010799
R	−14000.000
T	75.584
F	0.204
Pv_i	439.055
Pv_f	590.216

V ALT Asse_BP_rettilinee.3	
PR	1346.283
QV	335.570
Pc	−0.001198
Pu	−0.011449
DP	−0.010251
R	14000.000
T	71.748
F	−0.184
Pv_i	1274.535
Pv_f	1418.027

V ALT Asse_BP_rettilinee.4	
PR	1781.254
QV	330.590
Pc	−0.011449
Pu	−0.003431
DP	0.008018
R	−14000.000
T	56.118
F	0.112
Pv_i	1725.140
Pv_f	1837.372

V ALT Asse_BP_rettilinee.5	
PR	2172.389
QV	329.248
Pc	−0.003431
Pu	−0.009925
DP	−0.006494
R	14000.000
T	45.450
F	−0.074
Pv_i	2126.939
Pv_f	2217.838

V ALT Asse_BP_rettilinee.6	
PR	2766.515
QV	323.351
Pc	−0.009925
Pu	−0.011880
DP	−0.001955
R	20000.000
T	19.549
F	−0.010
Pv_i	2746.968
Pv_f	2786.063

V ALT Asse_BP_rettilinee.7	
PR	9285.343
QV	245.909
Pc	−0.011880
Pu	−0.009837
DP	0.002043
R	−20000.000
T	20.422
F	0.010
Pv_i	9264.923
Pv_f	9305.764

V ALT Asse_BP_rettilinee.8	
PR	15016.930
QV	189.526
Pc	−0.009837
Pu	−0.010871
DP	−0.001034
R	20000.000
T	10.332
F	−0.003
Pv_i	15006.599
Pv_f	15027.262

V ALT Asse_BP_rettilinee.9	
PR	16418.026
QV	174.296
Pc	−0.010871
Pu	−0.009989
DP	0.000882
R	−25000.000
T	11.024
F	0.002
Pv_i	16407.002
Pv_f	16429.049

V ALT Asse_BP_rettilinee.10	
PR	17068.033
QV	167.803
Pc	−0.009989
Pu	−0.012036
DP	−0.002047
R	20000.000
T	20.472
F	−0.010
Pv_i	17047.562
Pv_f	17088.504

V ALT Asse_BP_rettilinee.11	
PR	17570.662
QV	161.753
Pc	−0.012036
Pu	−0.009447
DP	0.002589
R	−14000.000
T	18.122
F	0.012
Pv_i	17552.541
Pv_f	17588.784

V ALT Asse_BP_rettilinee.12	
PR	17975.000
QV	157.934
Pc	−0.009447
Pu	0.000514
DP	0.009961
R	−14000.000
T	69.722
F	0.174
Pv_i	17905.281
Pv_f	18044.722

V ALT Asse_BP_rettilinee.13	
PR	18390.000
QV	158.147
Pc	0.000514
Pu	0.000242
DP	−0.000272
R	50000.000
T	6.787
F	0.000
Pv_i	18383.213
Pv_f	18396.787

V ALT Asse_BP_rettilinee.14	
PR	18563.000
QV	158.189
Pc	0.000242
Pu	−0.001148
DP	−0.001390
R	20000.000
T	13.898
F	−0.005
Pv_i	18549.102
Pv_f	18576.898

V ALT Asse_BP_rettilinee.15	
PR	18722.229
QV	158.006

COMMITTENTE:

RFI RETE FERROVIARIA ITALIANA
GRUPPO FERROVIE DELLO STATO ITALIANE

DIREZIONE LAVORI:

ITALFERR
GRUPPO FERROVIE DELLO STATO ITALIANE

APPALTATORE:
CONSORZIO:
HirpiniaAV

SOCI:
salini impregilo
ASTALDI

PROGETTAZIONE:
MANDATARIA:
ROCKSOIL S.p.A.

MANDANTI:
NET ENGINEERING
Alpina S.p.A.

PROGETTO ESECUTIVO

ITINERARIO NAPOLI - BARI
RADDOPPIO TRATTA APICE - ORSARA
I LOTTO FUNZIONALE APICE - HIRPINIA
TRACCIATO FERROVIARIO
LINEA

Planimetria di tracciamento binario pari - Tav. 2 di 5

APPALTATORE	DIRETTORE DELLA PROGETTAZIONE	PROGETTISTA
Consorzio HIRPINIA AV Il Direttore Tecnico Ing. Vincenzo Moriello 19/11/2019	Il Responsabile integrazione fra le varie prestazioni specialistiche Ing. G. Cassani	NET ENGINEERING Ing. S. Eandi

COMMESSA	LOTTO	FASE	ENTE	TIPO DOC.	OPERA/DISCIPLINA	PROGR.	REV.	SCALA:
IF28	01	E	ZZ	P5	IF0108	002	A	1:5.000

Rev.	Descrizione	Redatto	Data	Verificato	Data	Approvato	Data	Autorizzato Data
A	Emissione per consegna	S. Franchini	19/11/2019	N. Zanta	19/11/2019	T. Finocchietti	19/11/2019	Ing. S. Eandi 19/11/2019

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