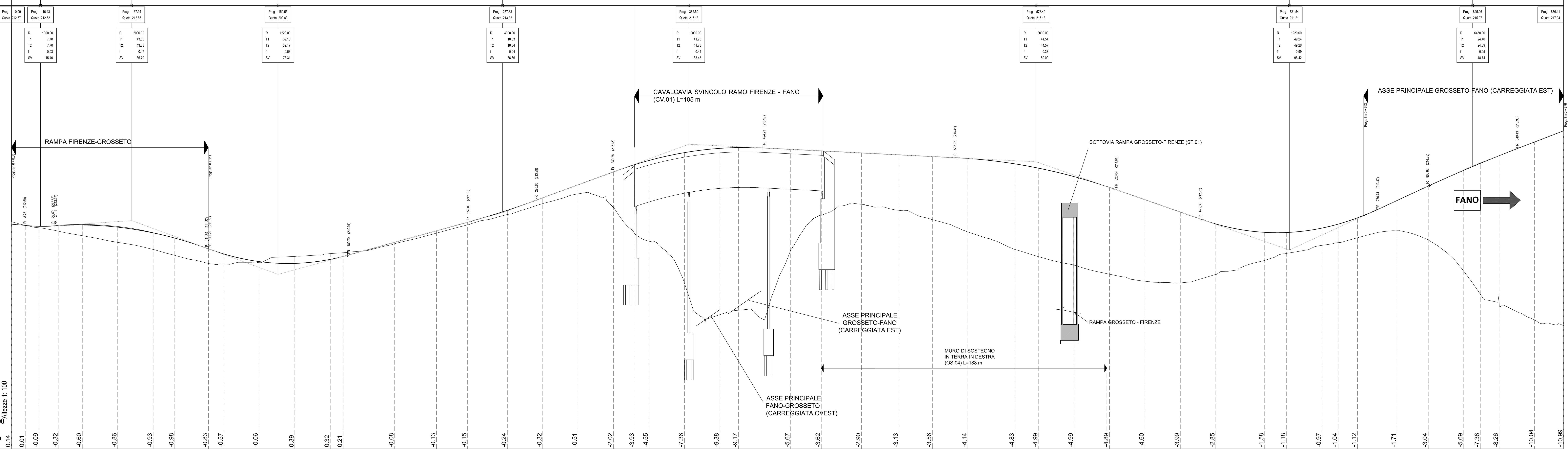
RAMPA FIRENZE - FANO

SVINCOLO CERCHIAIA
RAMPA SEMIDIRETTA
MONODIREZIONALE
DIR. FIRENZE-FANO
ENTRATA STRADA
STATALE 674

LIVELLETTE: D=-0.14 L=16.43 P=-0.87% | D=0.34 L=51.51 P=0.67% | D=-3.03 L=82.61 P=-3.67% | D=3.49 L=126.78 P=2.75% | D=3.86 L=105.18 P=3.67% | D=-0.99 L=195.99 P=-0.51% | D=-4.97 L=143.04 P=-3.48% | D=4.75 L=103.52 P=4.59% | D=1.97 L=51.36 P=3.84%

Prog	Quota	R	T1	T2	f	SV
0.00	212.67					
16.43	212.52	1000.00	7.70	7.70	0.03	15.40
67.94	212.86	2000.00	43.35	43.38	0.47	86.70
150.55	209.83	1220.00	39.18	39.17	0.63	78.31
277.33	213.32	4000.00	18.33	18.34	0.04	36.66
382.50	217.18	2000.00	41.75	41.73	0.44	83.45
578.49	216.18	3000.00	44.54	44.57	0.33	89.09
721.54	211.21	1220.00	49.24	49.26	0.99	98.42
825.06	215.97	6450.00	24.40	24.39	0.05	48.74
876.41	217.94					



SEZIONI	Differenza	QUOTE TERRENO	QUOTE PROGETTO	DISTANZE PARZIALI	PROGRESSIVE
FF-1	0.14	212.81	212.67	7.78	0.00
FF-2	0.01	212.60	212.60	7.78	7.78
FF-3	-0.09	212.46	212.55	11.17	15.57
FF-4	-0.32	212.27	212.59	13.26	26.74
FF-5	-0.60	212.02	212.62	20.00	40.00
FF-6	-0.86	211.64	212.50	20.00	60.00
FF-7	-0.93	211.24	212.18	12.20	80.00
FF-8	-0.98	210.91	211.88	19.06	92.20
FF-9	-0.83	210.45	211.28	8.74	111.26
FF-10	-0.57	210.42	210.99	19.74	120.00
FF-11	-0.06	210.50	210.56	20.26	139.74
FF-12	0.39	210.85	210.46	20.00	160.00
FF-13	0.32	211.01	210.68	7.29	180.00
FF-14	0.21	211.06	210.85	29.09	187.29
FF-15	-0.08	211.56	211.64	23.62	216.38
FF-16	-0.13	212.16	212.29	17.58	240.00
FF-17	-0.15	212.63	212.78	22.42	257.58
FF-18	-0.24	213.21	213.45	20.00	280.00
FF-19	-0.32	213.83	214.15	19.89	300.00
FF-20	-0.51	214.38	214.88	20.11	319.89
FF-21	-2.02	213.60	215.62	12.15	340.00
FF-22	-3.93	212.10	216.03	7.85	352.15
FF-23	-4.55	211.71	216.26	20.00	360.00
FF-24	-7.36	209.34	216.70	20.00	380.00
FF-25	-9.38	207.57	216.94	10.55	400.00
FF-26	-9.17	207.82	216.99	29.45	410.55
FF-27	-5.67	211.21	216.89	17.25	440.00
FF-28	-3.62	213.18	216.80	22.75	457.25
FF-29	-2.90	213.79	216.68	21.21	480.00
FF-30	-3.13	213.44	216.58	18.79	501.21
FF-31	-3.56	212.92	216.48	20.00	520.00
FF-32	-4.14	212.23	216.37	26.69	540.00
FF-33	-4.83	211.24	216.07	13.31	566.69
FF-34	-4.99	210.83	215.82	20.00	580.00
FF-35	-4.99	210.36	215.35	20.00	600.00
FF-36	-4.89	209.85	214.74	20.00	620.00
FF-37	-4.60	209.45	214.05	20.00	640.00
FF-38	-3.99	209.36	213.35	20.00	660.00
FF-39	-2.85	209.83	212.68	27.63	680.00
FF-40	-1.58	210.63	212.21	12.37	707.63
FF-41	-1.18	211.02	212.20	20.00	720.00
FF-42	-0.97	211.48	212.45	9.12	740.00
FF-43	-1.04	211.63	212.67	10.88	749.12
FF-44	-1.12	211.90	213.03	22.35	760.00
FF-45	-1.71	212.30	214.00	17.65	782.35
FF-46	-3.04	211.78	214.82	20.00	800.00
FF-47	-5.69	210.02	215.70	9.38	820.00
FF-48	-7.38	208.72	216.10	10.62	829.38
FF-49	-8.26	208.27	216.53	20.00	840.00
FF-50	-10.04	207.27	217.31	16.41	860.00
FF-51	-10.99	206.95	217.93		876.41

DISTANZE ETTOMETRICHE: 0 1 2 3 4 5 6 7 8

ANDAMENTO PLANIMETRICO: R=371.00 L=15.57 | L=11.17 | A=120.00 L=65.45 | R=220.00 L=95.10 | A=80.00 L=29.09 | L=41.20 | A=63.89 L=62.31 | L=181.32 R=65.50 | A=65.49 L=65.48 | L=140.94 | A=179.35 L=74.72 | R=430.50 L=94.06

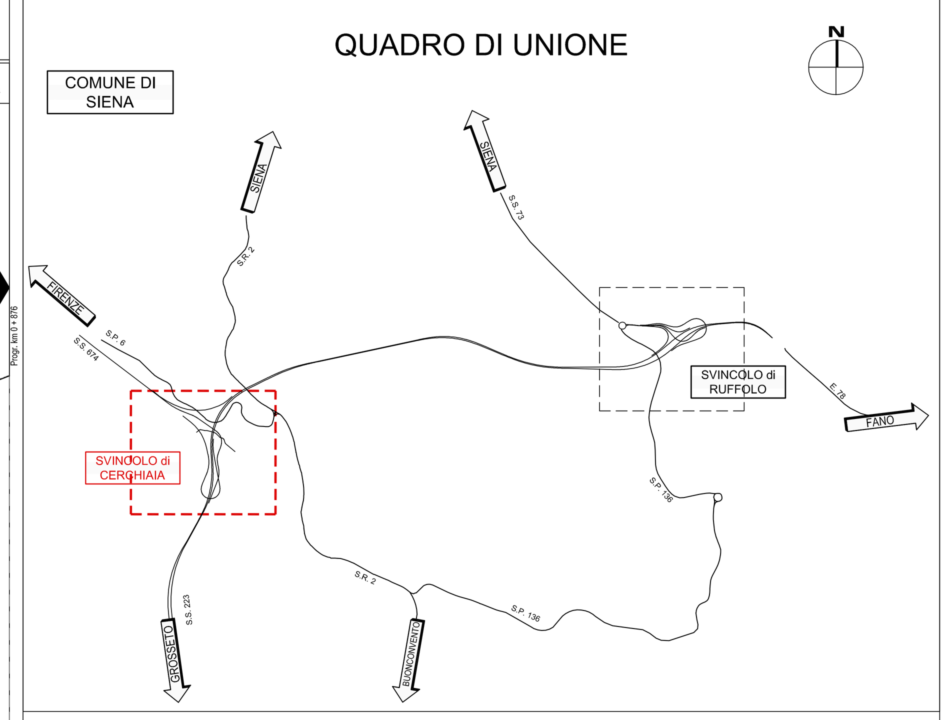
ANDAMENTO CIGLI
Destro: 4.42% 2.50% 2.50% 4.70% 4.70% 2.50% 2.50% 7.00% 7.00% 2.50% 2.50% 2.50% 3.83% 4.57% 5.38% 5.74% 6.14% 6.88% 7.00%
Sinistro: -4.42% -2.50% -2.50% -4.70% -4.70% -2.50% -2.50% -7.00% -7.00% -2.50% -2.50% -2.50% -3.83% -4.57% -5.38% -5.74% -6.14% -6.88% -7.00%

DIAGR VELOCITA': 60 km/h, 50 km/h — 60 60 60 60 60 47 47 60 60 60

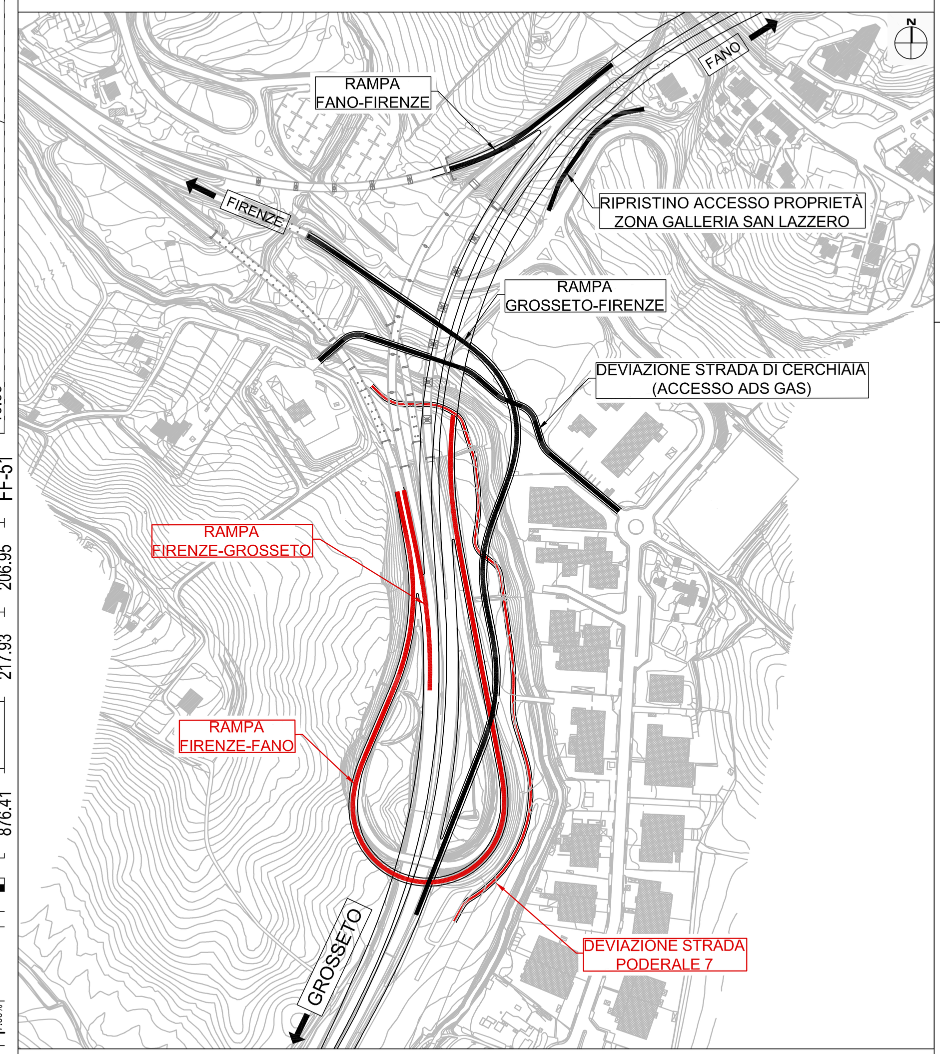
ALLARGAMENTO BANCHINA DESTRA

ALLARGAMENTO BANCHINA SINISTRA: -0.34 -0.46 -0.62 -0.78 -0.90 -1.00 -1.08 -1.14 -1.14 -1.10 -1.02 -0.87 -0.70 -0.51 -0.47 -0.47 -0.47 -0.47 -0.47 -0.48 -0.49 -0.50 -0.51 -0.52 -0.53 -0.54 -0.55 -0.56 -0.57 -0.58 -0.59 -0.60 -0.61 -0.62 -0.63 -0.63 -0.63 -0.63 -0.63 -0.63 -0.63 -0.63 -0.61 -0.58 -0.51 -0.39 -0.22 -0.10

QUADRO DI UNIONE



KEY-PLAN

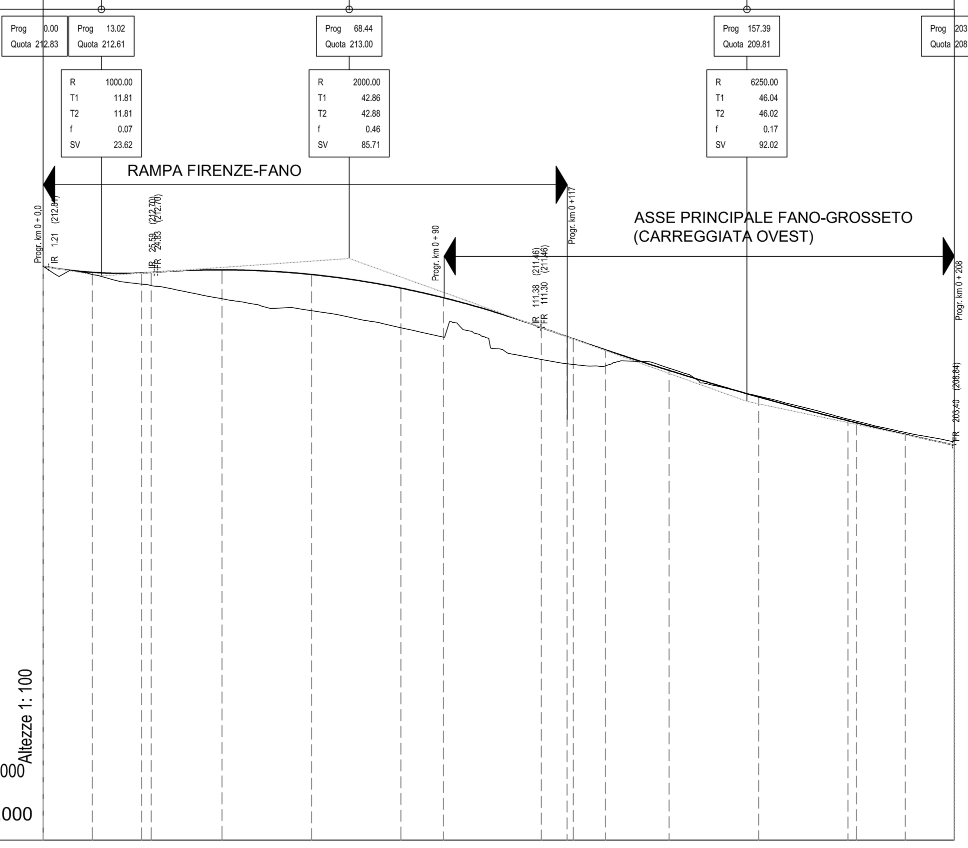


RAMPA FIRENZE - GROSSETO

SVINCOLO CERCHIAIA
RAMPA DIRETTA
MONODIREZIONALE
DIR. FIRENZE-GROSSETO
ENTRATA STRADA
STATALE 674

LIVELLETTE: D=-0.22 L=13.02 P=-1.66% | D=0.39 L=55.42 P=0.70% | D=-3.19 L=88.95 P=-3.59% | D=-0.98 L=46.35 P=-2.11%

Prog	Quota	R	T1	T2	f	SV
0.00	212.83					
13.02	212.61	1000.00	11.81	11.81	0.07	23.62
68.44	213.00	2000.00	42.86	42.88	0.46	85.71
157.39	209.81	6250.00	46.04	46.02	0.17	92.02
203.74	208.83					



SEZIONI	QUOTE TERRENO	QUOTE PROGETTO	DISTANZE PARZIALI	PROGRESSIVE
FG-1	212.83	212.83	11.00	0.00
FG-2	212.65	212.69	11.00	11.00
FG-3	212.43	212.68	2.17	22.00
FG-4	212.40	212.69	15.83	24.17
FG-5	212.10	212.75	20.00	40.00
FG-6	211.84	212.65	20.00	60.00
FG-7	211.46	212.34	9.52	80.00
FG-8	211.25	212.13	21.88	89.52
FG-9	210.75	211.46	5.77	111.40
FG-10	210.65	211.26	1.40	117.17
FG-11	210.63	211.21	7.17	118.57
FG-12	210.60	210.96	14.26	125.74
FG-13	210.55	210.50	20.00	140.00
FG-14	209.93	209.91	20.00	160.00
FG-15	209.41	209.38	1.90	180.00
FG-16	209.37	209.33	10.91	181.90
FG-17	209.11	209.07	10.91	192.81
FG-18	208.90	208.83		203.72

DISTANZE ETTOMETRICHE: 0 1 2

ANDAMENTO PLANIMETRICO: R=375.00 L=22.00 | L=2.17 | A=198.12 L=87.23 | R=450.00 L=14.34 | A=290.43 L=56.16 | R=642.51 L=21.82

ANDAMENTO CIGLI
Destro: 4.42% 3.06% 3.21% 3.22% 3.51% 3.58% 3.07% 2.63% 1.41% 4.23% 4.71% 5.43% 6.19% 6.27% 7.00% 7.00%
Sinistro: -4.42% -3.06% -3.21% -3.22% -3.51% -3.58% -3.07% -2.63% -1.41% -4.23% -4.71% -5.43% -6.19% -6.27% -7.00% -7.00%

DIAGR VELOCITA': 60 km/h — 60 60 60 60 60 60

Direzione Progettazione e Realizzazione Lavori

S.G.C. E78 GROSSETO–FANO

Tratto Siena Bettolle (A1)
Adeguamento a 4 corsie del tratto Siena–Ruffolo (Lotto 0)

PROGETTO DEFINITIVO

COD. FI-81

R.T.I. di PROGETTAZIONE: Mandataria — Mandante

PROGETTISTI:
Ing. Riccardo Formichi – Pro Iter srl (Integratore prestazioni specialistiche)
Ordine Ing. di Milano n. 18045
Ing. Alberto Rinaldi – Erre.vi.a. srl
Ordine Ing. di Milano n. 16951
IL GEOLOGO
Dott. Geol. Massimo Mezzanzanica – Pro Iter srl
Albo Geol. Lombardia n. A762
COORDINATORE PER LA SICUREZZA IN FASE DI PROGETTAZIONE
Ing. Enrico Moretti – Erre.vi.a. srl
Ordine Ing. di Milano n. 16237
VISTO: IL RESP. DEL PROCEDIMENTO
Ing. Raffaele Franco Carso

PROTOCOLLO | DATA

05 - Progetto Stradale
05.03 - Svincoli
05.03.01 - Svincolo di "Cerchiaia" sulla SS233 di "Paganico"
Profilo longitudinale rami di svincolo - Tav 2

CODICE PROGETTO (PROGETTO / LIV. PROG. / N. PROG.)	NOME FILE / CODICE ELAB.	REVISIONE	SCALA
DPFI0081 D 20	T00SV01TRAFP02B.pdf / T00SV01TRAFP02	B	1:1000-100

REV.	DESCRIZIONE	DATA	REDATTO	VERIFICATO	APPROVATO
D					
C					
B	Revisione per istruttoria ANAS	Maggio 2021	FORMAIANI	SALOMONE	RINALDI
A	Emissione	Ottobre 2020	FORMAIANI	SALOMONE	RINALDI