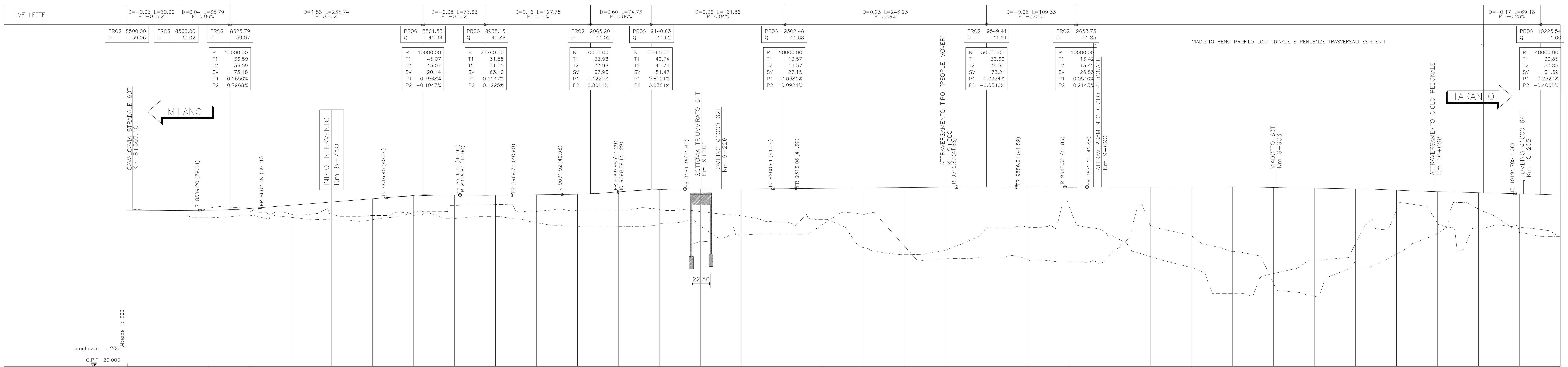
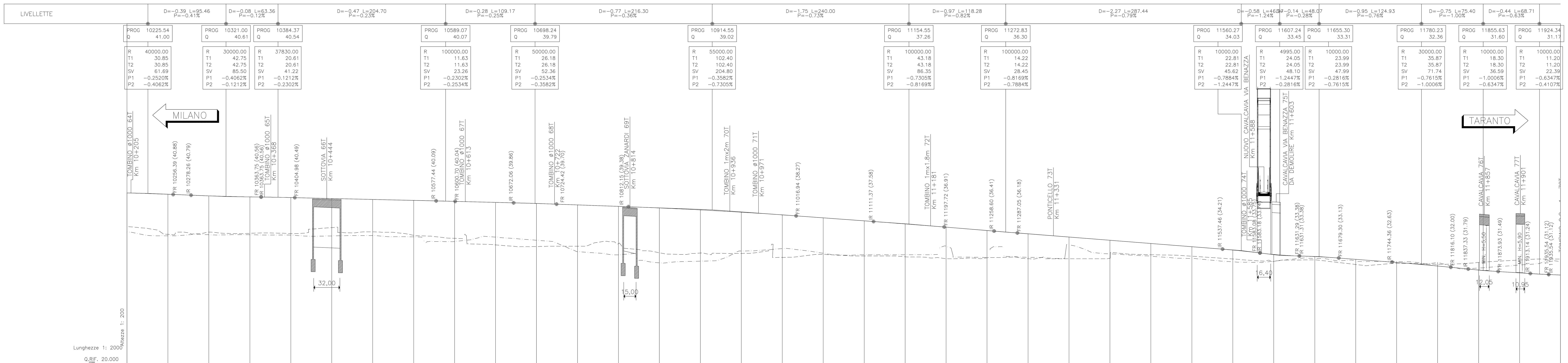
PROFILO LONGITUDINALE DA Progr. Km 8+500 A Progr. Km 10+250



PROG	Q	R	T1	T2	SV	P1	P2
8500.00	39.06						
8560.00	39.02						
8625.79	39.07	10000.00	36.59	36.59	73.18	0.0650%	0.7968%
8861.53	40.94	10000.00	45.07	45.07	90.14	0.7968%	-0.1047%
8938.15	40.86	27780.00	31.55	31.55	63.10	-0.1047%	0.1225%
9065.90	41.02	10000.00	33.98	33.98	67.96	0.1225%	0.8021%
9140.63	41.62	10665.00	40.74	40.74	81.47	0.8021%	0.0381%
9302.48	41.68	50000.00	13.57	13.57	27.15	0.0381%	0.0924%
9549.41	41.91	50000.00	36.60	36.60	73.21	0.0924%	-0.0540%
9658.73	41.85	10000.00	13.42	13.42	26.83	-0.0540%	0.2143%
10225.54	41.00	40000.00	30.85	30.85	61.69	-0.2520%	-0.4062%

SEZIONI	PROGRESSIVE	DISTANZE PARZIALI	QUOTE TERRENO	QUOTE TERRENO DX	QUOTE TERRENO SX	QUOTE PROGETTO	ETTOMETRICHE
1	8500.00		39.06	39.21	39.05	39.06	85
2	8550.00	50.00	39.03	39.07	39.05	39.03	
3	8600.00	50.00	39.05	38.19	39.31	39.05	86
4	8650.00	50.00	39.27	38.44	38.91	39.27	
5	8700.00	50.00	39.66	38.58	38.19	39.66	87
6	8750.00	50.00	40.06	38.56	37.87	40.06	
7	8800.00	50.00	40.45	38.41	37.90	40.45	88
8	8850.00	50.00	40.80	38.41	38.79	40.80	
9	8900.00	50.00	40.90	39.64	38.07	40.90	89
10	8950.00	50.00	40.89	39.74	38.27	40.89	
11	9000.00	50.00	40.94	38.91	37.53	40.94	90
12	9050.00	50.00	41.02	39.06	37.12	41.02	
13	9100.00	50.00	41.29	39.08	37.05	41.29	91
14	9150.00	50.00	41.58	39.15	37.37	41.58	
15	9200.00	50.00	41.64	38.89	37.13	41.64	92
16	9250.00	50.00	41.66	38.37	36.05	41.66	
17	9300.00	50.00	41.68	37.61	36.18	41.68	93
18	9350.00	50.00	41.73	37.94	37.35	41.73	
19	9400.00	50.00	41.77	34.49	38.54	41.77	94
20	9450.00	50.00	41.82	33.64	34.59	41.82	
21	9500.00	50.00	41.86	34.22	33.14	41.86	95
22	9550.00	50.00	41.90	36.92	33.37	41.90	
23	9600.00	50.00	41.88	36.99	32.99	41.88	96
24	9650.00	50.00	41.86	39.61	32.74	41.86	
25	9700.00	50.00	41.91	35.93	33.62	41.91	97
26	9750.00	50.00	41.91	33.39	37.17	41.91	
27	9800.00	50.00	41.89	32.05	35.91	41.89	98
28	9850.00	50.00	41.88	28.92	34.00	41.88	
29	9900.00	50.00	41.83	31.33	30.10	41.83	99
30	9950.00	50.00	41.75	33.00	28.56	41.75	
31	10000.00	50.00	41.66	34.98	32.90	41.66	100
32	10050.00	50.00	41.50	39.08	33.69	41.50	
33	10100.00	50.00	41.32	37.50	36.20	41.32	101
34	10150.00	50.00	41.20	36.91	39.20	41.20	
35	10200.00	50.00	41.07	36.97	36.41	41.07	102
36	10250.00	50.00	40.90	36.01	35.83	40.90	

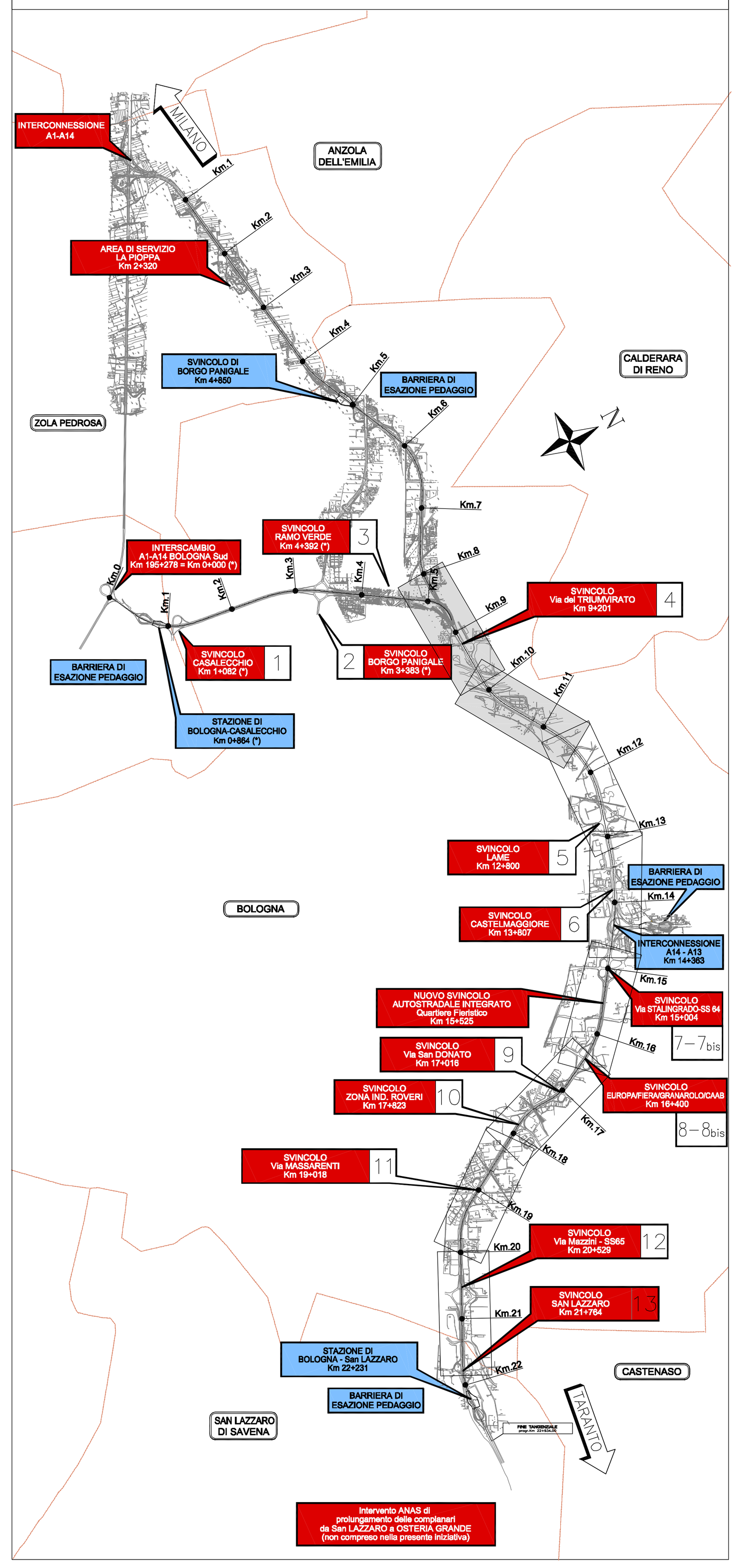
PROFILO LONGITUDINALE DA Progr. Km 10+200 A Progr. Km 11+950



PROG	Q	R	T1	T2	SV	P1	P2
10225.54	41.00	40000.00	30.85	30.85	61.69	-0.2520%	-0.4062%
10321.00	40.61	30000.00	42.75	42.75	85.50	-0.4062%	-0.1212%
10384.37	40.54	37830.00	20.61	20.61	41.22	-0.1212%	-0.2302%
10589.07	40.07	100000.00	11.63	11.63	23.26	-0.2302%	-0.2534%
10698.24	39.79	50000.00	26.18	26.18	52.36	-0.2534%	-0.3582%
10914.55	39.02	55000.00	102.40	102.40	204.80	-0.3582%	-0.7305%
11154.55	37.26	100000.00	43.18	43.18	86.35	-0.7305%	-0.8169%
11272.83	36.30	100000.00	14.22	14.22	28.45	-0.8169%	-0.7884%
11560.27	34.03	10000.00	22.81	22.81	45.62	-0.7884%	-1.2447%
11607.24	33.45	4995.00	24.05	24.05	48.10	-1.2447%	-0.2816%
11655.30	33.31	10000.00	23.99	23.99	47.99	-0.2816%	-0.7615%
11780.23	32.36	30000.00	35.87	35.87	71.74	-0.7615%	-1.0006%
11855.63	31.60	10000.00	18.30	18.30	36.59	-1.0006%	-0.6347%
11924.34	31.17	10000.00	11.20	11.20	22.39	-0.6347%	-0.4107%

SEZIONI	PROGRESSIVE	DISTANZE PARZIALI	QUOTE TERRENO	QUOTE TERRENO DX	QUOTE TERRENO SX	QUOTE PROGETTO	ETTOMETRICHE
35	10200.00		41.07	36.97	36.41	41.07	102
36	10250.00	50.00	40.90	36.01	35.83	40.90	
37	10300.00	50.00	40.71	36.29	35.97	40.71	103
38	10350.00	50.00	40.58	36.14	35.97	40.58	
39	10400.00	50.00	40.50	36.11	35.91	40.50	104
40	10450.00	50.00	40.39	36.83	35.82	40.39	
41	10500.00	50.00	40.27	36.33	35.87	40.27	105
42	10550.00	50.00	40.16	35.90	35.71	40.16	
43	10600.00	50.00	40.04	35.53	35.14	40.04	106
44	10650.00	50.00	39.91	34.73	35.68	39.91	
45	10700.00	50.00	39.78	34.53	35.30	39.78	107
46	10750.00	50.00	39.60	34.56	33.91	39.60	
47	10800.00	50.00	39.43	34.89	33.52	39.43	108
48	10850.00	50.00	39.23	33.77	32.55	39.23	
49	10900.00	50.00	39.00	33.73	32.75	39.00	109
50	10950.00	50.00	38.72	33.69	33.98	38.72	
51	11000.00	50.00	38.39	33.21	34.27	38.39	110
52	11050.00	50.00	38.03	33.56	33.71	38.03	
53	11100.00	50.00	37.66	33.38	33.53	37.66	111
54	11150.00	50.00	37.29	33.28	33.53	37.29	
55	11200.00	50.00	36.89	33.04	34.56	36.89	112
56	11250.00	50.00	36.48	33.15	33.19	36.48	
57	11300.00	50.00	36.08	33.06	33.22	36.08	113
58	11350.00	50.00	35.69	33.04	34.73	35.69	
59	11400.00	50.00	35.29	33.10	33.63	35.29	114
60	11450.00	50.00	34.90	33.53	33.35	34.90	
61	11500.00	50.00	34.50	33.35	33.07	34.50	115
62	11550.00	50.00	34.10	33.01	32.67	34.10	
63	11600.00	50.00	33.56	32.73	32.74	33.56	116
64	11650.00	50.00	33.31	32.90	33.08	33.31	
65	11700.00	50.00	32.97	32.34	32.77	32.97	117
66	11750.00	50.00	32.59	32.49	32.70	32.59	
67	11800.00	50.00	32.16	32.37	32.59	32.16	118
68	11850.00	50.00	31.67	32.59	31.91	31.67	
69	11900.00	50.00	31.32	32.89	32.27	31.32	119
70	11950.00	50.00	31.06	33.00	32.69	31.06	

QUADRO DI UNIONE



autostrade // per l'italia

AUTOSTRADA (A14) : BOLOGNA–BARI–TARANTO

POTENZIAMENTO DEL SISTEMA TANGENZIALE DI BOLOGNA
TRA BORGO PANIGALE E SAN LAZZARO

PROGETTO PRELIMINARE

AUTOSTRADA E COMPLANARI

PARTE STRADALE
PROFILO LONGITUDINALE ASSE AUTOSTRADA
TAV. 1/4

IL RESPONSABILE PROGETTAZIONE SPECIALISTICA
Ing. Gianluca Spinazzola
Ord. Ingg. Milano N. 26796
RESPONSABILE UFFICIO STD

IL RESPONSABILE INTEGRAZIONE PRESTAZIONI SPECIALISTICHE
Ing. Giulio Ghezzi
Ord. Ingg. Pesaro Urbino N. 1768
CAPO PROGETTO

IL DIRETTORE TECNICO
Ing. Orlando Mazza
Ord. Ingg. Pavia N. 1496
RESPONSABILE DIREZIONE DTP

WBS	RIFERIMENTO ELABORATO	DATA:	REVISIONE
–	DIRETTORIO: codice commessa 111442 / N.Prog. 01 / FILE: ufficio/unità STD / n. progressivo 0050 / Rev. – –	GIUGNO 2016	n. – / data – – –
–	1 1 1 4 4 2 0 1 S T D 0 0 5 0 – –	SCALA: 1:2000/200	

spea ENGINEERING gruppo Atlantia

COORDINATORE OPERATIVO DI PROGETTO
Ing. Raffaele Rinaldesi

CONSULENZA A CURA DI:

ELABORAZIONE GRAFICA A CURA DI:

ELABORAZIONE PROGETTUALE A CURA DI:

IL RESPONSABILE UNITA': –

VISTO DEL RESPONSABILE SPEA DIVISIONE PROGETTAZIONE E DIREZIONE LAVORI NUOVE OPERE AUTOSTRADALI
Ing. Alberto Selleri

VISTO DEL COMMITTENTE
autostrade // per l'italia
R.U.P. – Ing. Marilisa Conte

VISTO DEL CONCEDENTE
Ministero delle Infrastrutture e dei Trasporti

IL PRESENTE DOCUMENTO NON POTRA' ESSERE COPIATO, RIPRODOTTO O ALTRIMENTI PUBBLICATO, IN TUTTO O IN PARTE, SENZA IL CONSENSO SCRITTO DELLA SOC. AUTOSTRADE PER L'ITALIA S.P.A. OGNI UTILIZZO NON AUTORIZZATO SARA' PERSEGUITO A NORMA DI LEGGE.
THIS DOCUMENT MAY NOT BE COPIED, REPRODUCED OR PUBLISHED, EITHER IN PART OR IN ITS ENTIRETY, WITHOUT THE WRITTEN PERMISSION OF SOC. AUTOSTRADE PER L'ITALIA S.P.A. UNAUTHORIZED USE WILL BE PROSECUTED BY LAW.