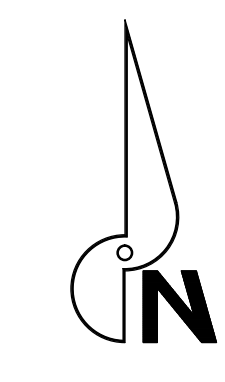
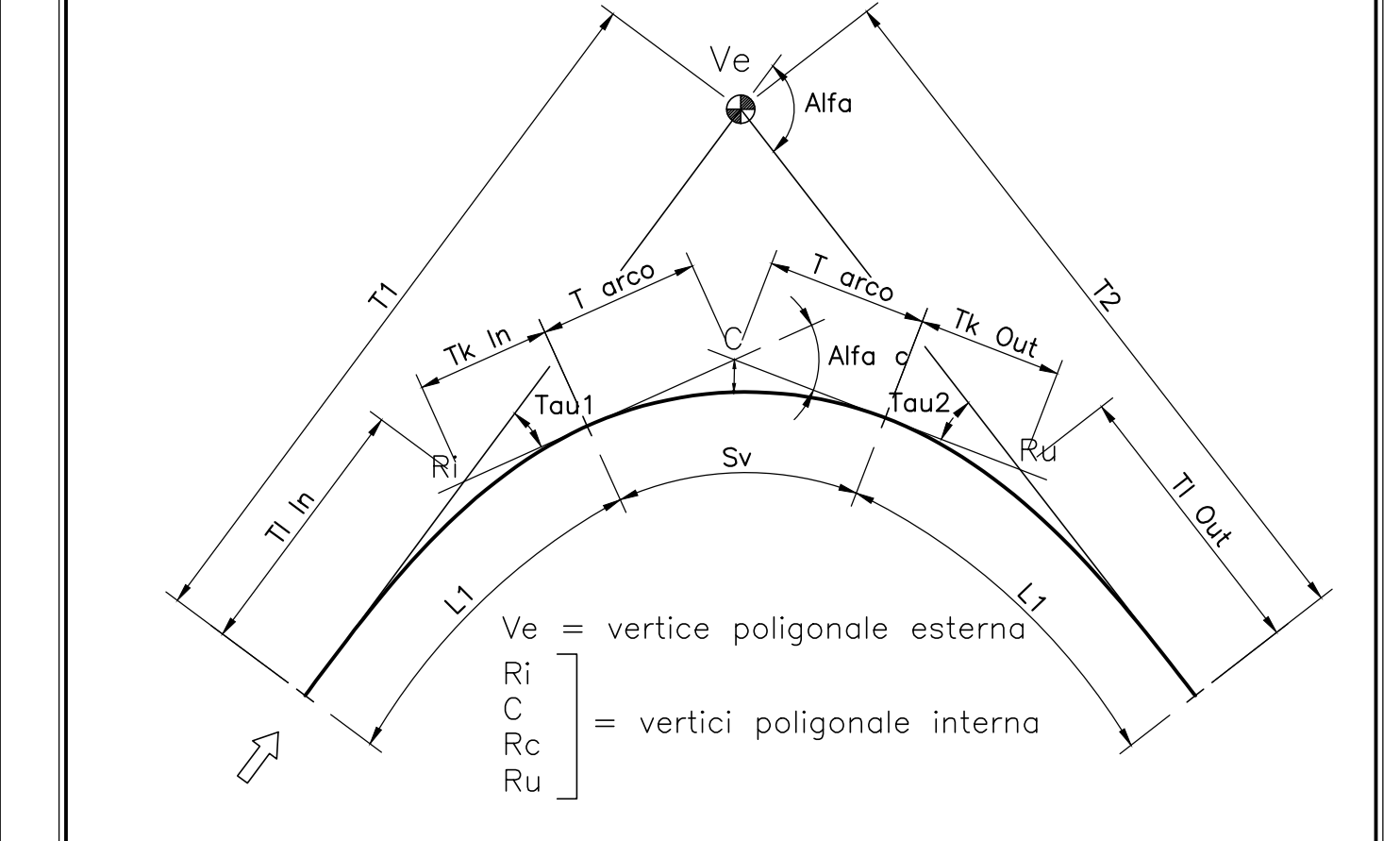


PROVINCIA :Alessandria
COMUNE :Tortona



LEGENDA TABELLINE VERTICI PLANIMETRICI



FERROVIA - TORT PARI PIANO V TORT PARI.2			
X	48828.163	Azn	98.33401
Y	200084.983	Azfn	94.888912
R(m)	-1280.000	t	0.000000
Sv(m)	33.451	V(km/h)	100
Alfa	1.683720	RP(m)	40.000
Alfa tot	3.653189	m(m)	0.052
Terzo	16.726	H(mm)	650.0

FERROVIA - TORT PARI PIANO V TORT PARI.3			
X	49070.220	Azn	94.888912
Y	200105.253	Azfn	100.000000
R(m)	1200.000	t	0.000000
Sv(m)	50.262	V(km/h)	100
Alfa	3.198983	RP(m)	40.000
Alfa tot	5.319088	m(m)	0.058
Terzo	30.137	H(mm)	650.0

FERROVIA - TORT PARI PIANO V TORT PARI.4			
X	48548.893	Azn	100.000000
Y	200101.253	Azfn	98.759268
R(m)	-2746.445	t	0.000000
Sv(m)	33.536	V(km/h)	100
Alfa	0.777138	RP(m)	20.000
Alfa tot	1.240732	m(m)	0.006
Terzo	16.763	H(mm)	50.0

FERROVIA - TORT PARI PIANO V TORT PARI.5			
X	49767.976	Azn	98.759268
Y	200109.862	Azfn	98.369344
R(m)	-6796.445	t	0.000000
Sv(m)	34.568	V(km/h)	100
Alfa	0.327447	RP(m)	6.870
Alfa tot	0.389924	m(m)	0.000
Terzo	17.479	H(mm)	10.0

V ALT TORT PARI.2	
PR	19320.000
QV	117.470
Pc	-0.000370
Pu	0.001038
DP	0.001408
R	-15000.000
T	10.562
F	0.004
Pr_J	19309.438
Pr_I	19330.582

V ALT TORT PARI.3	
PR	19734.117
QV	117.990
Pc	0.001038
Pu	0.000958
DP	0.002916
R	-7500.000
T	10.938
F	0.008
Pr_J	19723.181
Pr_I	19745.053

V ALT TORT PARI.4	
PR	20234.044
QV	118.877
Pc	0.003955
Pu	0.001402
DP	-0.002583
R	8000.000
T	12.746
F	-0.007
Pr_J	20223.833
Pr_I	20244.256

V ALT TORT PARI.5	
PR	20350.333
QV	120.040
Pc	0.001402
Pu	0.000277
DP	-0.001275
R	20000.000
T	12.746
F	-0.004
Pr_J	20337.587
Pr_I	20363.079

ROAD - TORT DISPARI VERTECE TORT DISPARI.2			
X	48836.134	R1 X	48805.959
Y	200081.634	R1 Y	200080.845
T1	56.852	Tin	26.666
T2	56.852	Tkn	13.335
Alfa	3.637845	L1	40.000
Az1	98.334098	A1	218.724
Az2	94.888913	DeltaR1	0.052
		Tout	0.39136
C X	48836.108	Ru X	48866.215
Y	200082.104	Ru Y	200084.194
R	-1294.000	Tout	26.666
Alfac	1.669913	Tkout	13.335
Terzo	16.841	L2	40.000
Sv	33.681	A2	226.627
		DeltaR2	0.052
		Tout2	0.39136

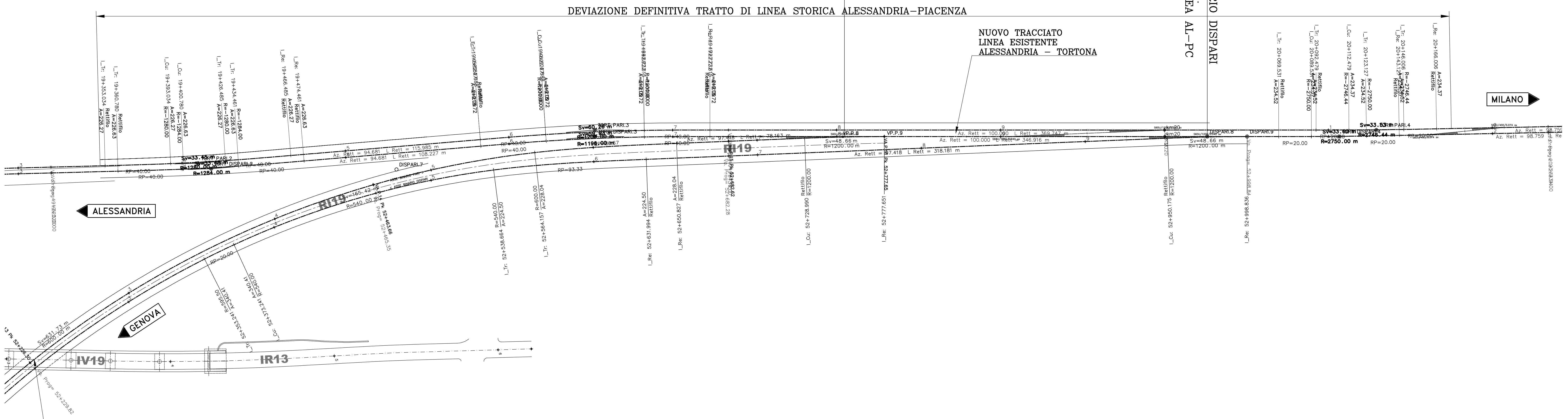
ROAD - TORT DISPARI VERTECE TORT DISPARI.3			
X	49070.387	R1 X	49027.210
Y	200101.253	R1 Y	200097.638
T1	56.852	Tin	26.666
T2	56.852	Tkn	13.335
Alfa	5.319087	L1	40.000
Az1	94.888913	A1	218.724
Az2	100.000000	DeltaR1	0.056
		Tout	1.084601
C X	49070.418	Ru X	49113.716
Y	200101.528	Ru Y	200101.253
R	1196.000	Tout	26.666
Alfac	3.189894	Tkout	13.335
Terzo	29.970	L2	40.000
Sv	59.927	A2	218.724
		DeltaR2	0.056
		Tout2	1.084601

ROAD - TORT DISPARI VERTECE TORT DISPARI.4			
X	49524.097	R1 X	49500.632
Y	200101.253	R1 Y	200101.253
T1	36.799	Tin	13.333
T2	36.799	Tkn	6.667
Alfa	1.240733	L1	20.000
Az1	100.000000	A1	234.521
Az2	98.759267	DeltaR1	0.006
		Tout	0.231488
C X	49524.097	Ru X	49547.559
Y	200101.338	Ru Y	200101.710
R	-2750.000	Tout	13.333
Alfac	0.777736	Tkout	6.667
Terzo	16.798	L2	20.000
Sv	33.598	A2	234.521
		DeltaR2	0.006
		Tout2	0.231488

ROAD - TORT DISPARI VERTECE TORT DISPARI.5			
X	49768.056	R1 X	49748.346
Y	200106.008	R1 Y	200105.824
T1	24.160	Tin	8.447
T2	24.160	Tkn	2.223
Alfa	0.389926	L1	6.870
Az1	98.759267	A1	212.969
Az2	98.369344	DeltaR1	0.000
		Tout	0.03222
C X	49768.056	Ru X	49787.783
Y	200106.017	Ru Y	200106.513
R	-680.000	Tout	8.447
Alfac	0.327481	Tkout	2.223
Terzo	17.460	L2	6.870
Sv	34.980	A2	212.969
		DeltaR2	0.000
		Tout2	0.03222

FINE INTERVENTO
OPERE CIVILI BINARIO PARI
PK 52+763.320 B.P.
PK 19+804.778 LINEA AL-PC

FINE INTERVENTO
OPERE CIVILI BINARIO DISPARI
PK 52+974.506 B.P.
PK 20+025.996 LINEA AL-PC



INTERFERENZA A.V. MI-GE S.S.10
Pk 0+316.650 = Pk 52+229.490 B.P. A.V.

FERROVIA - DISPARI PIANO V DISPARI.75	
Alfa	14.336625
R(m)	595.500
Terzo	216.189
Terzo	414.757
Svrace	165.423
V(km/h)	100
RP(m)	86.670
m1(m)	0.529
Sv(m)	130.0
RP2(m)	20.000
m2(m)	0.003

BINARIO_PARI VP-P.8			
X	49222.427	Azn	97.418458
Y	200101.253	Azfn	100.000000
R(m)	1200.000	t	0.000000
Sv(m)	48.661	V(km/h)	100
Alfa	2.581541	RP(m)	0.000
Alfa tot	2.581541	m(m)	0.000
Terzo	24.334	H(mm)	0.0

BINARIO_PARI VP-P.9	
X	49246.761
Y	200101.253
Azfn	100.000000

V ALT PARI.13	
PR	52226.300
QV	117.900
Pc	-0.003847
Pu	-0.001643
DP	0.002033
R	-20000.000
T	22.035
F	0.012
Pr_J	52204.265
Pr_I	52248.335

V ALT PARI.14	
PR	52483.660
QV	117.510
Pc	-0.001643
Pu	0.001781
DP	0.003024
R	-20000.000
T	34.242
F	0.029
Pr_J	52429.418
Pr_I	52487.902

V ALT PARI.15	
PR	52682.618
QV	117.900
Pc	0.001781
Pu	0.003957
DP	0.002175
R	-10000.000
T	10.877
F	0.006
Pr_J	52671.741
Pr_I	52693.490

V ALT PARI.16	
PR	52682.285
QV	118.276

V ALT DISPARI.16	
PR	118.150
QV	

FERROVIA - DISPARI PIANO V DISPARI.8			
X	48443.763	Azn	97.418458
Y	200101.253	Azfn	100.000000
R(m)	1200.000	t	0.000000
Sv(m)	48.661	V(km/h)	100
Alfa	2.581542	RP(m)	0.000
Alfa tot	2.581542	m(m)	0.000
Terzo	24.334	H(mm)	0.0

FERROVIA - DISPARI PIANO V DISPARI.9	
X	48446.097
Y	200101.253
Azfn	100.000000

V ALT DISPARI.13	
PR	52226.823
QV	117.900
Pc	-0.003870
Pu	-0.001656
DP	0.002214
R	-20000.000
T	22.137
F	0.012
Pr_J	52207.898
Pr_I	52251.860

V ALT DISPARI.14	
PR	52485.355
QV	117.510
Pc	-0.001656
Pu	0.001798
DP	0.003454
R	-20000.000
T	34.536
F	0.030
Pr_J	52430.819
Pr_I	52489.891

V ALT DISPARI.15	
PR	52682.285
QV	117.900
Pc	0.001798
Pu	0.003949
DP	0.002151
R	-10000.000
T	10.755
F	0.006
Pr_J	52671.330
Pr_I	52693.040

COMMITEENTE: IRFI - GRUPPO FERROVIARIO ITALIANO

ALTA SORVEGLIANZA: ITALFERR - GRUPPO FERROVIE DELLO STATO ITALIANO

GENERAL CONTRACTOR: COCIV

INFRASTRUTTURE FERROVIARIE STRATEGICHE DEFINITE DALLA LEGGE OBIETTIVO N.443/01
TRATTA A.V./A.C. TERZO VALICO DEI GIOVI
PROGETTO ESECUTIVO

Rilevato Tortona

tratto 0
Planimetria di tracciamento - Tav. 5

GENERAL CONTRACTOR		DIRETTORE LAVORI		SCALA:			
Cociv Ing. N. Meano				1:1000			
COMMESSA	LOTTO	FASE	ENTE	TIPO DOC.	OPERADISCIPLINA	PROGNO	REV.
IG51	04	E	CV	P7	R11900	010	A

PROGETTAZIONE

Rev.	Descrizione emissione	Recato	Data	Verificato	Data	Progettista	Data	IL PROGETTISTA
A00	Prima emissione	M. Meano	15/05/2014	A. Naselli	15/05/2014	A. Naselli	15/05/2014	
A01	Aggiornamento cartiglio	M. Meano	25/11/2015	A. Naselli	25/11/2015	A. Naselli	25/11/2015	
A02	Revisione per cambio lotto	M. Meano	22/03/2017	A. Naselli	22/03/2017	A. Naselli	22/03/2017	

n. Elab. _____ Nome File: s20104-clivp01m5-010-0102 CUP: F81B200000008