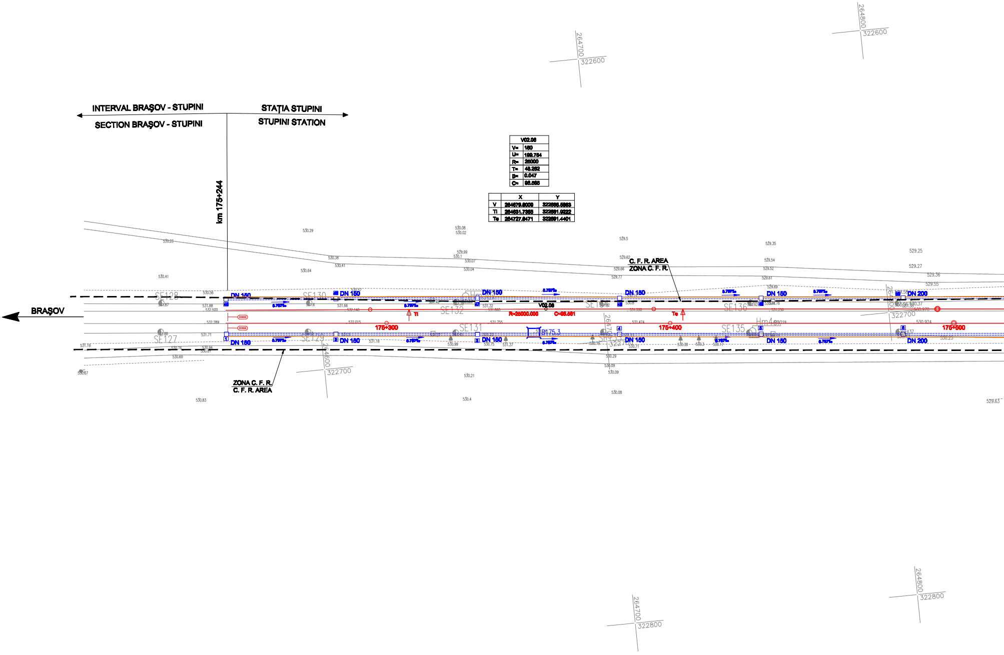
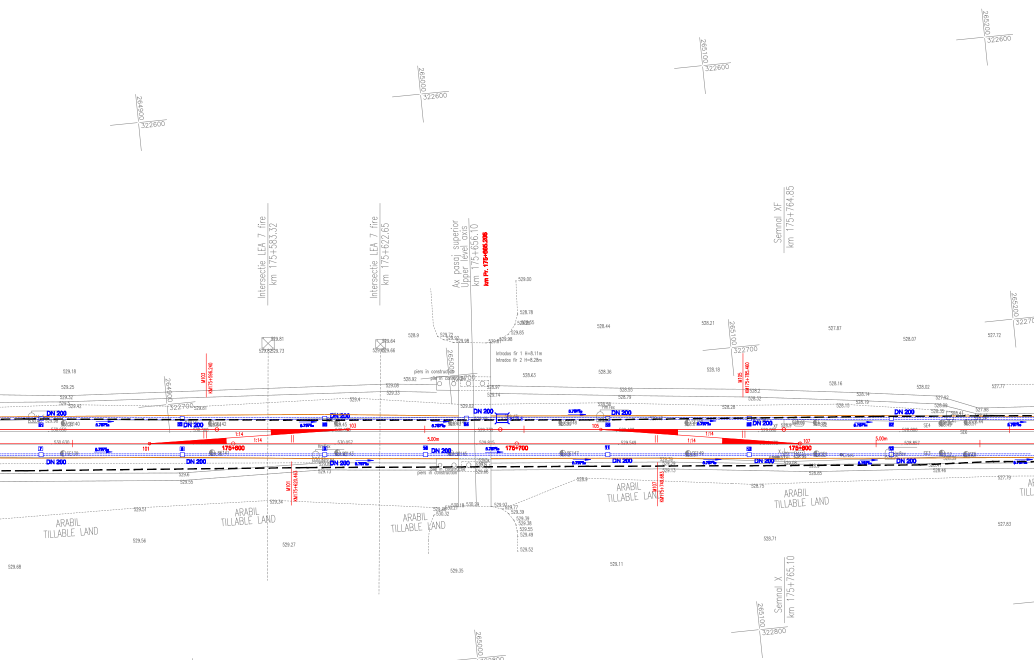

INTERVAL BRAȘOV - STUPINI
SECTION BRAȘOV - STUPINI
STAȚIA STUPINI
STUPINI STATION
km 175+244
BRAȘOV
C. F. R. AREA
ZONA C. F. R.
ZONA C. F. R.
C. F. R. AREA
DN 150
DN 200
V02.06
R=25000.000
C=96.561
Ti
Te
175+300
175+400
175+500
SE127
SE128
SE129
SE130
SE131
SE132
SE134
SE135
SE136
Hm4
B175.3
264700
322600
264800
322600
264600
322700
264700
322700
264800
322700
264700
322800
264800
322800

V02.06	
V=	160
U=	199.754
R=	25000
T=	48.282
B=	0.047
C=	96.565

	X	Y
V	264679.8009	322686.6863
Ti	264631.7365	322681.9222
Te	264727.8471	322691.4401

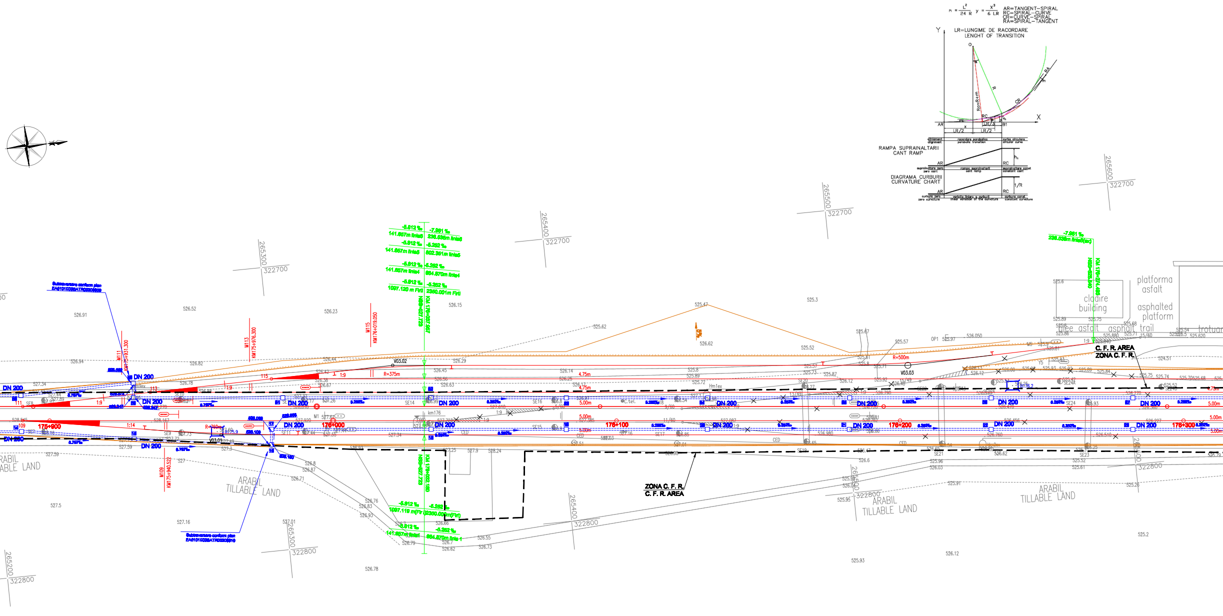

Intersectie LEA 7 fire km 175+583.32
Intersectie LEA 7 fire km 175+622.65
Ax pasaj superior Upper level axis km 175+656.10
km Pr. 175+665.208
Semnal XF km 175+764.85
Semnal X km 175+765.10
Intrados fir 1 H=8.11m
Intrados fir 2 H=8.28m
piers in construction
DN 200
175+600
175+700
175+800
101
103
105
107
1:14
5.00m
M103 KM175+596.240
M101 KM175+620.463
M105 KM175+785.460
M107 KM175+749.683
ARABIL TILLABLE LAND
264900 322600
265000 322600
265100 322600
265200 322600
264900 322700
265000 322700
265100 322700
264900 322800
265000 322800
265100 322800

TABEL COORDONATE BORNE RETEA
MILLE STONE COORDINATES TABLE

nr.borne mille stone no.	X [m]	Y [m]	Z [m]
B175.3	322694.450	264674.734	531.05
B175.6	322716.703	265017.146	529.43
B175.9	322755.986	265278.774	527.80
B176.2	322766.016	265559.559	526.25
B176.4	322813.916	265795.823	524.99

TABEL CARACTERISTICI APARATE DE CALE PROIECTATE
CHARACTERISTICS DESIGNED TURNOUTS TABLE

NR. CRT. NO	NR. P.G. NO	DEVIATIE DEVIATION		TIP TYPE	Tg.	R RADIUS (m)	TIPUL ACELOR TYPE OF SWITCH	PROVENIENTA		COORDONATE - COORDINATES	
		STG. LEFT	DR. RIGHT					NOI NEW	REFOLOSITI COMING FROM DISMANTLING	X	Y
1	101	●		60	1:14	760	flexibil	•		322713.0607	264892.4814
2	103	●		60	1:14	760	flexibil	•		322716.1490	264952.6295
3	105		●	60	1:14	760	flexibil	•		323724.1130	265051.3981
4	107		●	60	1:14	760	flexibil	•		322736.1207	265120.5415
5	109		●	60	1:14	760	flexibil	•		322745.2475	265210.9219
6	111	●		60	1:9	300	flexibil	•		322740.2728	265211.4169
7	113		●	60	1:9	300	flexibil	•		322739.8193	265268.6966
8	115		●	60	1:9	300	flexibil	•		322739.3654	265299.7096


AR=TANGENT–SPIRAL
RC=SPIRAL–CURVE
CR=CURVE–SPIRAL
RA=SPIRAL–TANGENT
LR=LUNGIME DE RACORDARE
LENGHT OF TRANSITION
RAMPA SUPRAINALTARII
CANT RAMP
DIAGRAMA CURBURII
CURVATURE CHART
LR/2
1/R
ARABIL
TILLABLE LAND
ZONA C. F. R.
C. F. R. AREA
C. F. R. AREA
ZONA C. F. R.
platforma asfalt
asphalted platform
cladire
building
alee asfalt
asphalt trail
trotuar
DN 200
175+900
176+000
176+100
176+200
176+300
V03.01
V03.02
V03.03
R=375m
R=500m
R=760m
5.00m
4.75m
1:9
1:14
265300
265400
265500
265600
265200
322700
322800
322900
Subtraversare conform plan EA5101E08BATR0808010
KM 176+931.300
KM 175+976.300
KM 176+019.050
KM 175+940.522
M111
M113
M115
M109
-7.961 ‰
236.636m linia4
-6.912 ‰
141.667m linia5
-6.262 ‰
602.361m linia5
664.570m linia4
1097.120 m Fir0
2360.091m Fir0
1097.119 m(Fir I)
2360.09m(Fir II)
km176
CED

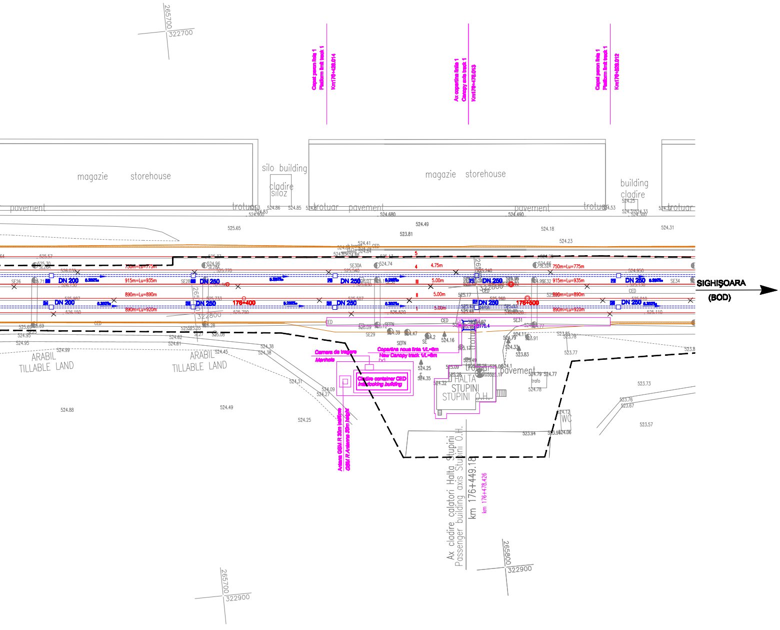
TABEL CURBE PROIECTATE - LINII ABATERE
DESIGNED CURVES - ON DEVIATION LINES TABEL

NR.CURBA CURVE NO.	VITEZA SPEED (km/h)	ELEMENTE - ELEMENTS					h_R (mm)	COORDONATE - COORDINATES					
								V		Ti		Te	
		U	R	T	B	C		X	Y	X	Y	X	Y
V03.01	65	195.4604	760	27.108	0.483	54.194	0	322757.2552	265280.0655	322752.6169	265253.3569	322759.9766	265307.0366
V03.02	45	192.9553	375	20.770	0.575	41.497	0	322736.9576	265342.7207	322739.1666	265321.9523	322741.0443	265363.3651
V03.03	50	192.3669	500	30.011	0.900	59.950	0	322757.2187	265523.5552	322754.2034	265493.6968	322756.8407	265553.5606

TABEL CU LINIILE C. F. PROIECTATE
RAILWAY DESIGNED LINES TABLE

NR. CRT. CURRENT NO	DENUMIREA LINIEI C.F. DENOMINATION OF THE RAILWAY LINE	DE LA FROM	PRIN BY	PANA LA TO	LUNGIMEA CONSTRUCTIVA CONSTRUCTIVE LENGHT (m)	LUNGIMEA REALA REALE LENGHT (m)	LUNGIMEA UTILA USABLE LENGHT (m)	TIPUL SINEI TYPE OF RAIL	OBSERVATII REMARKS
1	Linia 1 / Line 1	PJ109	-----	PJ 108	1081.12	972.88	890/920	UIC60	
2	Linia II - Fir I / Line II -Throug I	PJ101	107,109,106,105	PJ 102	1649.27	1322.97	890/890	UIC60	
3	Linia III-Fir II/ Line III-Throug II	PJ103	105,111,110,106	PJ 100	1649.30	1345.00	915/935	UIC60	
4	Linia 4 / Line 4	PJ111	113,114	PJ 110	1091.67	937.76	750/775	UIC60	
5	Linia 5 / Line 5	PJ111	113,115,112	PJ 18	1044.43	911.51	760	UIC60	

1	2



Capat peron linia 1
Platform limit track 1
Km176+428.014
Ax copertina linia 1
Canopy axis track 1
Km176+478.013
Capat peron linia 1
Platform limit track 1
Km176+528.012
265700
322700
magazie storehouse
silo building
cladire siloz
magazie storehouse
building cladire
pavement
trotuar
DN 200
DN 250
750m=Lu=775m
915m=Lu=935m
890m=Lu=890m
890m=Lu=920m
4.75m
5.00m
5
4
III
II
1
176+400
176+500
SE26
SE28
SE29
SE30A
SE31
SE32A
SE32
SE34
SEFN
CED
322800
SIGHIŞOARA
(BOD)
ARABIL TILLABLE LAND
Camera de tragere
Manhole
Copertina noua linia 1/L=6m
New Canopy track 1/L=6m
Cladire container CED
Interlocking building
Antena GSM-R 30m inaltime
GSM-R Antenna 30m height
HALTA STUPINI
STUPINI O.H.
trafo
WC
Ax cladire calatori Halta Stupini
Passenger building axis Stupini O.H.
km 176+449.18
km 176+478.426
265800
322900
265700
322900

LEGENDA
LEGEND

Ax linie c.f. existent
Axis of existing railway line

Ax linie c.f. demontat
Demounted axis line of railway line

Aparate de cale existente
Existing turnouts

Aparate de cale demontate
Demounted turnouts

Name
Level
Borne de retea
Benchmarks

Ax linie c.f. proiectat
Axis of designed railway line

Aparate de cale proiectate
Designed turnouts

Marca proiectata
Designed marck

Semnal proiectat
Designed signal

Peron proiectat
Designed platform

Copertina proiectata
Designed canopy

Sant monolit de beton
Prefabricate concrete ditch

Dren longitudinal
Longitudinal drain

Ampriza sapatura/umplutura
Excavation/fillings at the work place of natural soil

Lucrari de consolidare
Consolidatio works

Lucrari de drumuri proiectate
Designed road works

D					
C					
B					
A					
Indice Index	Data Date	Modificare Modification/Revision	Proiectant Designer	Aprobat Consultant Approved Consultant	Aprobat CFR Approved CFR

GUVERNUL ROMANIEI
ROMANIAN GOVERNMENT

PROIECT FINANŢAT DE UNIUNEA EUROPEANĂ
EUROPEAN UNION FINANCED PROJECT

CLIENT / CLIENT

C.N.C.F. "C.F.R." - S.A.

ITALFERR
GRUPPO FERROVIE DELLO STATO
Joint Venture leader

Scott Wilson

OBERMEYER
PLANEN + BERATEN GmbH

TECNIC
Consulting Engineers

CONSULTANT / CONSULTANT

			Data Date	Semnătură Signature
Aprobat Approved	Şef proiect Project manager	R. Liuzza		
Aprobat Approved	Coordonator Secţiune 1 Section 1 Coordinator	C. Gambelli		
Verificat Checked	Expert Verificator Checking Expert	S. MENICHINI		

SUBCONTRACTANT / SUBCONTRACTOR

AREX COMPANY

Aprobat Approved	Responsabil Subcontractant Subcontractor Responsible	A.Stanciu - Dinulescu		
Întocmit Elaborated	Proiectant Designer	F. Mihai	12.2011	

Reabilitarea liniei de cale ferata Brasov - Simeria, parte componentă a coridorului IV Pan European, pentru circulaţia trenurilor cu viteza maximă de 160 km/h,
Tronsonul : Brasov - Sighisoara
Rehabilitation of the railway line Brasov - Simeria, component Part of the IV Pan-European Corridor, for the trains circulation with maximum speed of 160 km/h,
Section : Brasov - Sighisoara

Proiect/Project
2004/RO/16/P/PA/003

Faza / Phase:
P.Th. / T.D.

Denumire desen / Drawing Title :

Plan de situaţie - Haltă mişcare Stupini
Stupini Railway Halt - Track Layout on designed plan

Codificare / Codification System	Scara / Scale 1:500	LOT / LOT	Nr. / No
E A 5 1 · 0 1 · C · 0 3 · L 8 · S L · 0 0 · 2 · 0 · 0 0 1 · 3			