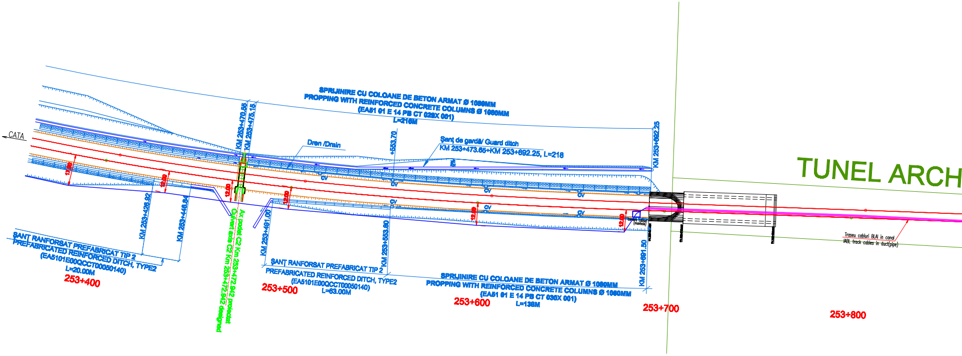
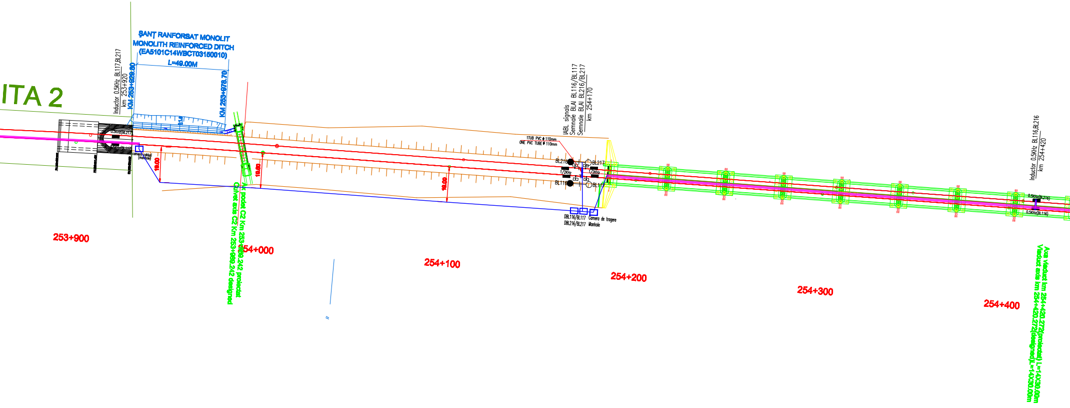
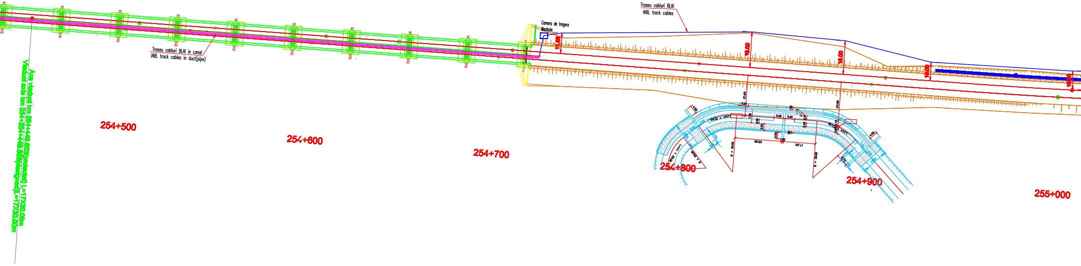
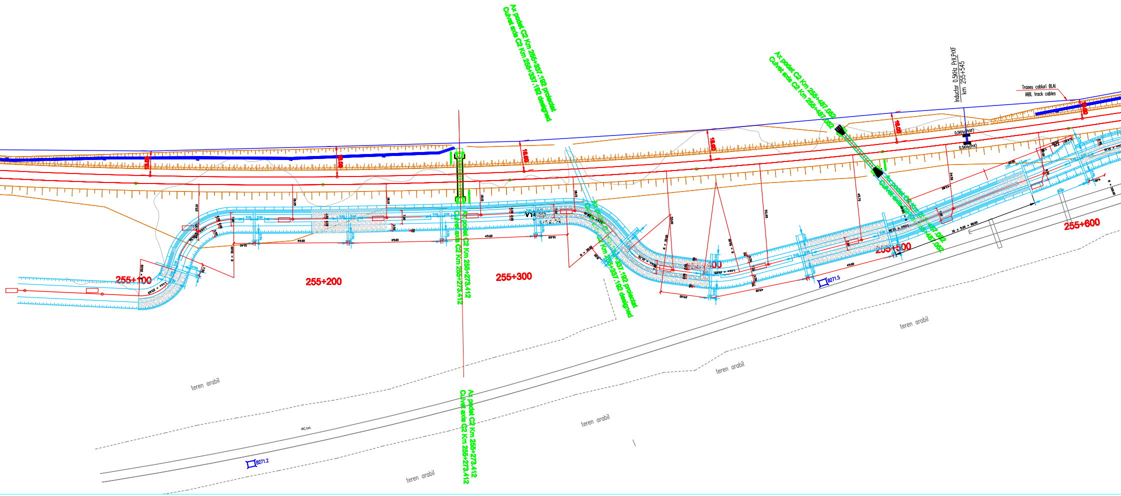


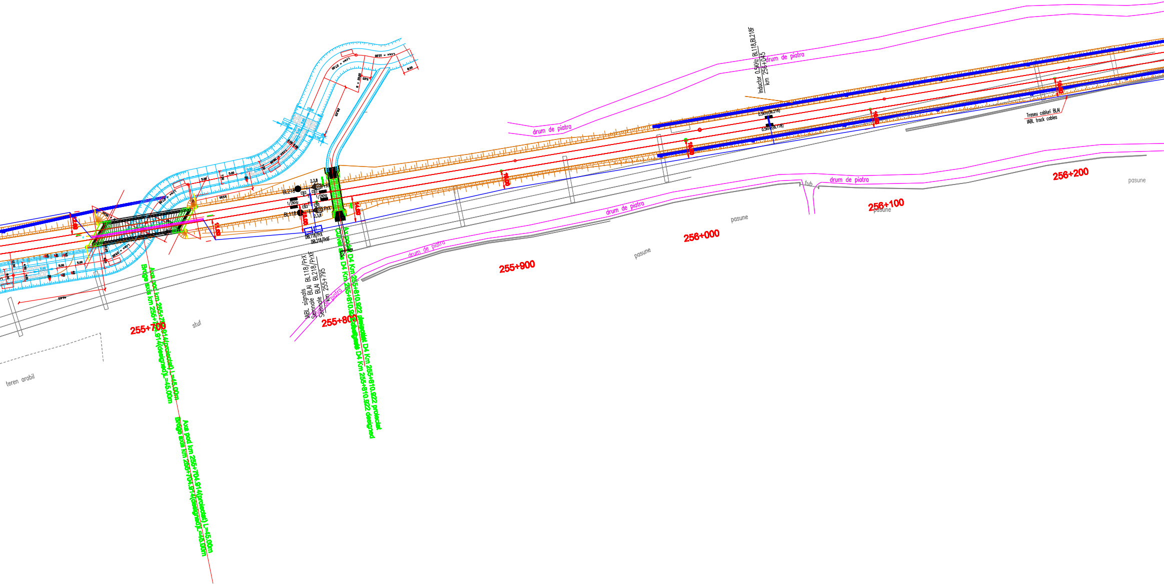
CATA
SPRIJINIRE CU COLOANE DE BETON ARMAT Ø 1080MM
PROPPING WITH REINFORCED CONCRETE COLUMNS Ø 1080MM
(EA51 01 E 14 PB CT 029X 001)
L=216M
KM 253+470.55
KM 253+475.15
Dren /Drain
+553.70
Şanţ de gardă/ Guard ditch
KM 253+473.65+KM 253+692.25, L=218
KM 253+692.25
TUNEL ARCH
17.80
12.80
12.00
12.80
12.80
12.80
CV
CV
CV
CV
CV
CV
CV
cameră cabluri (manhole)
KM 253+428.92
KM 253+446.94
Ax podeţ C2 Km 253+472.942 proiectat
Culvert axis C2 Km 253+472.942 designed
KM 253+491.00
KM 253+553.80
KM 253+691.50
SANT RANFORSAT PREFABRICAT TIP 2
PREFABRICATED REINFORCED DITCH, TYPE2
(EA5101E00QCCT00050140)
L=20.00M
253+400
ŞANŢ RANFORSAT PREFABRICAT TIP 2
PREFABRICATED REINFORCED DITCH, TYPE2
(EA5101E00QCCT00050140)
L=63.00M
253+500
SPRIJINIRE CU COLOANE DE BETON ARMAT Ø 1080MM
PROPPING WITH REINFORCED CONCRETE COLUMNS Ø 1080MM
(EA51 01 E 14 PB CT 030X 001)
L=138M
253+600
253+700
253+800
Traseu cabluri BLAI in canal
IABL track cables in duct(pipe)

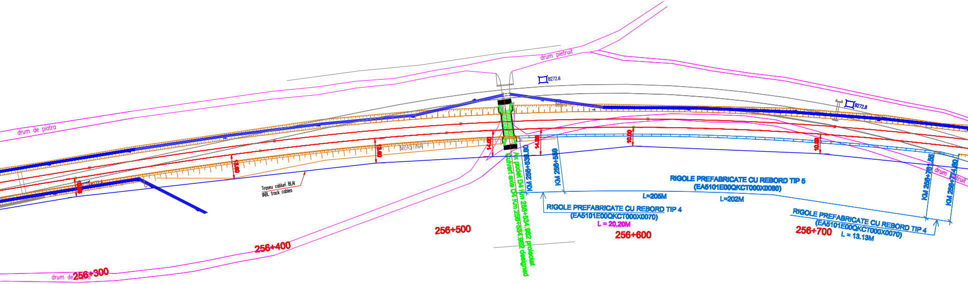


ITA 2
Inductor 0.5KHz BL117,BL217
km 253+920
ŞANŢ RANFORSAT MONOLIT
MONOLITH REINFORCED DITCH
(EA5101C14WBCT03150010)
L=49.00M
KM 253+929.80
KM 253+978.70
0.5KHz(BL217)
camera cabluri
(manhole)
19.00
19.00
19.00
Ax podet C2 Km 253+989.242 proiectat
Culvert axis C2 Km 253+989.242 designed
IABL signals
Semnale BLAI BL116/BL117
Semnale BLAI BL216/BL217
km 254+170
1TUB PVC ϕ 110mm
ONE PVC TUBE ϕ 110mm
BL216
BL217
1/2KHz
1/2KHz
BL116
BL117
DBL116/BL117
DBL216/BL217
Camera de tragere
Manhole
Inductor 0.5KHz BL116,BL216
km 254+420
0.5KHz(BL216)
0.5KHz(BL116)
253+900
254+000
254+100
254+200
254+300
254+400
Axa Viaduct km 254+420.2772(proiectat) L=14X30.00m
Viaduct axis km 254+420.2772(designed)L=14X30.00m


Traseu cabluri BLAI
IABL track cables
Camera de tragere
Manhole
Traseu cabluri BLAI in canal
IABL track cables in duct(pipe)
Ax viaduct km 254+449.809(proiectat) L=17X30.00m
Viaduct axis km 254+254+449.809(designed)L=17X30.00m
254+500
254+600
254+700
254+800
254+900
255+000


Ax podet C2 Km 255+337.192 proiectat
Culvert axis C2 Km 255+337.192 designed
Ax podet C2 Km 255+487.052
Culvert axis C2 Km 255+487.052
Inductor 0.5KHz PrX,PrXF
km 255+545
Traseu cabluri BLAI
IABL track cables
0.5KHz(PrXF)
0.5KHz(PrX)
255+100
255+200
255+300
255+500
255+600
Ax podet C2 Km 255+273.412
Culvert axis C2 Km 255+273.412
B271.5
B271.2
teren arabil
teren arabil
teren arabil
teren arabil
teren arabil


Inductor 0.5KHz BL118,BL218F
km 256+045
drum de piatra
drum de piatra
0.5KHz(BL218)
0.5KHz(BL118)
Traseu cabluri BLAI
IABL track cables
BL218
BL118
1/2KHz
1/2KHz
2,3,8
2,3,8
PrXF
PrX
DBL118/PrX
DBL218/PrXF
IABL signals BL118/PrX
Semnale BLAI BL218/PrXF
Semnale BLAI
km 255+795
Ax podet D4 Km 255+810.922 proiectat
Culvert axis D4 Km 255+810.922 designed
Axa pod km 255+704.914(proiectat) L=45.00m
Bridge axis km 255+704.914(designed)L=45.00m
Axa pod km 255+704.914(proiectat) L=45.00m
Bridge axis km 255+704.914(designed)L=45.00m
255+700
255+800
255+900
256+000
256+100
256+200
drum de piatra
drum de piatra
drum de piatra
drum de piatra
tub
pasune
pasune
pasune
pasune
stuf
teren arabil


drum pietruit
B272.6
B272.8
drum de piatra
MLASTINA
Traseu cabluri BLAI
IABL track cables
14,00
13,00
10,00
10,00
Ax podet D4 Km 256+534,862 proiectat
Culvert axis D4 Km 256+534,862 designed
KM 256+538,80
KM 256+559
RIGOLE PREFABRICATE CU REBORD TIP 5
(EA5101E00QKCT000X0080)
L=205M
L=202M
RIGOLE PREFABRICATE CU REBORD TIP 4
(EA5101E00QKCT000X0070)
L = 20,20M
RIGOLE PREFABRICATE CU REBORD TIP 4
(EA5101E00QKCT000X0070)
L = 13.13M
KM 256+761,55
KM 256+774,80
drum pietruit
256+300
256+400
256+500
256+600
256+700
drum de piatra

LEGENDA LEGEND

Simbol pentru semnal BLI
Symbol for IBL signal

Simbol pentru indicator de viteza
Symbol for speed indicator

Semnal avertizare rutiera cu sau fara bariera
Warning signal on the level crossing with or without barriers

Semnal repetitor
Repeater signal for IBL

Semnal de avarie la trecere la nivel
Level crossing damage signal

0.5Khz
Inductor cale 500Hz
INDUSI beacon

1/2Khz
Inductor cale 1000/2000Hz
INDUSI beacon

Bobine de joantă
Joint coils

Cablu BLA proiectat in sapatura
Projected ABL cable in ditch

Cablu BLA proiectat in tuburi PVC
Projected ABL cable in PVC pipes

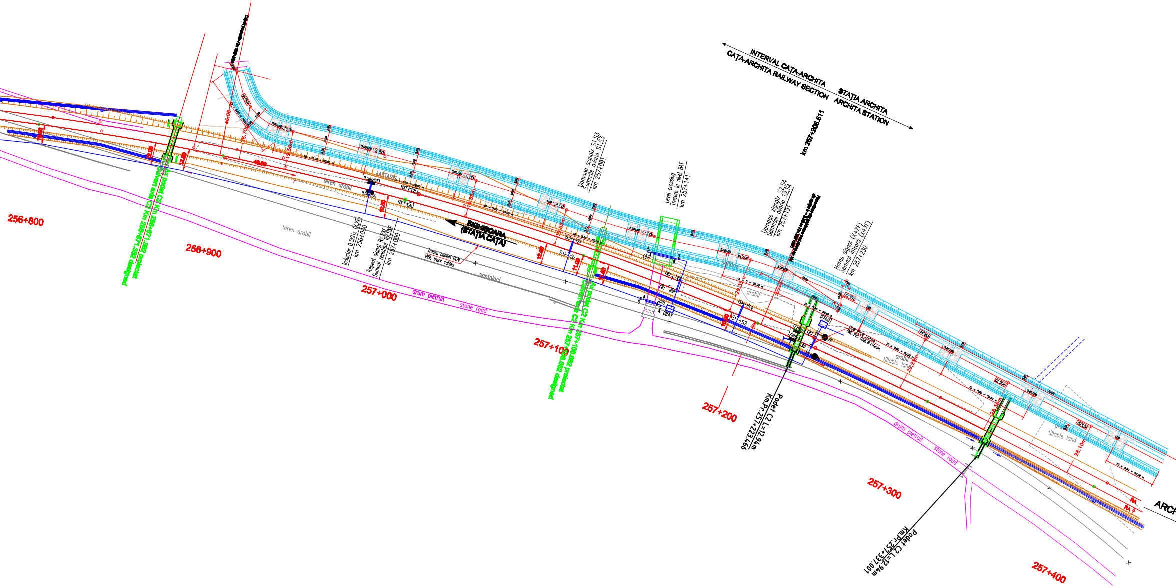
Cablu BLA proiectat in canal
Projected ABL cable in duct

Bobina de joanta–cap alimentare
Impedance bond–supply end

Bobina de joanta–cap receptie
Impedance bond–receiving end

Joante izolante
Insulated joints

Dulap semnal
Signal cabin


INTERVAL CAȚA-ARCHITA
CAȚA-ARCHITA RAILWAY SECTION
STAȚIA ARCHITA
ARCHITA STATION
km 257+206.511
Damage signals S1,S3
Semnale avarie S1,S3
km 257+091
Level crossing
Trecere la nivel BAT
km 257+141
Damage signals S2,S4
Semnale avarie S2,S4
km 257+191
Home signal (X+XF)
Semnal intrara (X+XF)
km 257+230
256+800
256+900
257+000
257+100
257+200
257+300
257+400
Ax podet C2 Km 256+971.382 proiectat
Culvert axle C2 Km 256+971.382 designed
Ax podet C2 Km 257+108.862 proiectat
Culvert axle C2 Km 257+108.862 designed
teren arabil
LASTARIS
0.5KHz(XF)
0.5KHz(X)
RXF
RX
Inductor 0.5KHz (X,XF)
km 256+980
Repeat signal RX,RXF
Semnal repetitor RX,RXF
km 257+000
SIGHIȘOARA
(STAȚIA CAȚA)
Traseu cabluri BLAI
IABL track cables
santplaci
drum pietruit
stone road
46.00
28.70
40.00
19.50m
19.55m
12.00
11.00
10.00
10 × 5.00 = 50.00 m
6 × 5 = 30.00 m
5.00100
S3
S1
S4
S2
A
D
T
DBAT
arabil
tillable land
29.35m
29.25m
28.30m
28.10m
1/2KH
D(X+XF)
XF
X
TUB PVC ϕ 110mm
ONE PVC TUBE ϕ 110mm
456.10
455.80
Podet C2 L=12.94m
Km.Pr.257+223.466
Podet C2 L=12.94m
Km.Pr.257+337.001
ARCH

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

GUVERNUL ROMANIEI
ROMANIAN GOVERNMENT

PROIECT FINANŢAT DE UNIUNEA EUROPEANĂ
EUROPEAN UNION FINANCED PROJECT

CFR

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

CLIENT / CLIENT

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	12.2011	
Aprobat Approved	Coordonator Secţiune 1 Section 1 Coordinator	C. Gambelli	12.2011	
Verificat Checked	Expert Cheie Key Expert	P. Amodio	12.2011	

SUBCONTRACTANT / SUBCONTRACTOR

AREX COMPANY

Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible	A. Stanciu - Dinulescu	12.2011	
Întocmit Elaborated	Proiectant Designer	Marius Holbură	12.2011	

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

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

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

Denumire desen / Drawing Title :

Statia / Station Archita
Plan de situaţie - Interval Caţa-Archita
Layout - Caţa-Archita Section
Instalatii BLAI / IABL Installations
km 253+400 - km 257+300

Codificare / Codification System	Scara / Scale 1:1000	LOT / LOT	Nr. / No 02 / 02

E A 5 1 | 0 1 | C | 1 4 | L 7 | S E | 0 1 | 4 | 2 | 0 0 1 | 2

(4300x420)