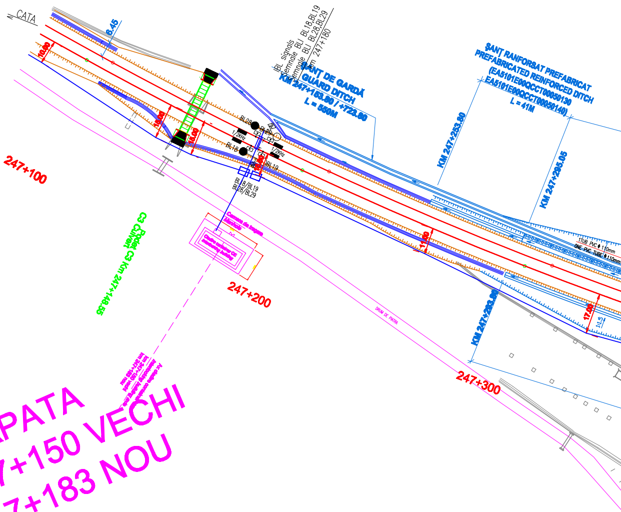
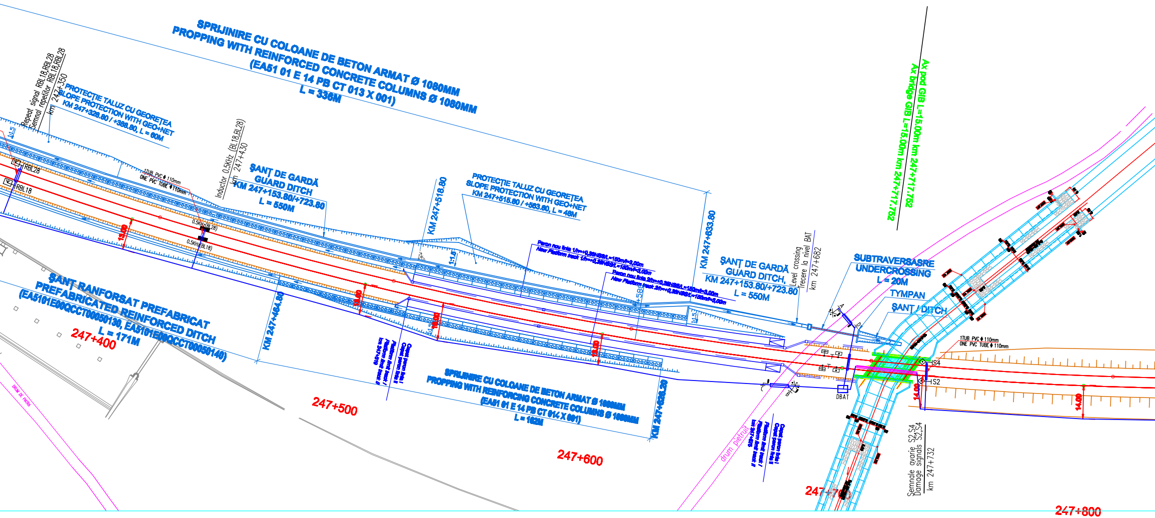

CATA
6.45
10.00
15.00
15.00
10.00
11.00
17.00
1:1.5
IBL signals
Semnale BLI BL18,BL19
Semnale BLI BL28,BL29
km 247+180
ŞANŢ DE GARDĂ
GUARD DITCH
KM 247+153.80 / +723.80
L = 550M
ŞANŢ RANFORSAT PREFABRICAT
PREFABRICATED REINFORCED DITCH
(EA5101E00QCCT00050130
EA5101E00QCCT00050140)
L = 41M
KM 247+253.80
KM 247+295.05
KM 247+293.80
BL28
BL29
BL18
BL19
1/2KHz
1/2KHz
BL18/BL19
BL28/BL29
1TUB PVC ϕ 110mm
ONE PVC TUBE ϕ 110mm
Camera de tragere
Manhole
Cladire container CE
Interlocking building
C3 Culvert
Podet C3 Km 247+148.55
km 247+183 nou
km 247+150 vechi
Ax cladire container CE
Interlocking building axis
DRUM DE PIATRA
247+100
247+200
247+300

INTERVAL CATA APATA
CONTAINER CE KM 247+150 VECHI
KM 247+183 NOU


SPRIJINIRE CU COLOANE DE BETON ARMAT Ø 1080MM
PROPPING WITH REINFORCED CONCRETE COLUMNS Ø 1080MM
(EA51 01 E 14 PB CT 013 X 001)
L = 336M
Repeat signal RBL18,RBL28
Semnal repetitor RBL18,RBL28
km 247+350
PROTECȚIE TALUZ CU GEOREȚEA
SLOPE PROTECTION WITH GEO+NET
KM 247+328.80 / +388.80, L = 60M
1:1.5
RBL28
RBL18
1TUB PVC ϕ 110mm
ONE PVC TUBE ϕ 110mm
Inductor 0.5KHz (BL18,BL28)
km 247+430
ȘANȚ DE GARDĂ
GUARD DITCH
KM 247+153.80/+723.80
L = 550M
0.5KHz(BL28)
0.5KHz(BL18)
13.00
KM 247+518.80
PROTECȚIE TALUZ CU GEOREȚEA
SLOPE PROTECTION WITH GEO+NET
KM 247+515.80 / +563.80, L = 48M
1:1.5
Peron nou linia 1/h=+0,38NSS/L=150m/l=3,00m
New Platform track 1/h=+0,38NSS/L=150m/l=3,00m
Peron nou linia 2/h=+0,38NSS/L=150m/l=3,00m
New Platform track 2/h=+0,38NSS/L=150m/l=3,00m
+580
KM 247+633.80
ȘANȚ DE GARDĂ
GUARD DITCH,
KM 247+153.80/+723.80
L = 550M
Level crossing
Trecere la nivel BAT
km 247+682
SUBTRAVERSASRE
UNDERCROSSING
L = 20M
TYMPAN
ȘANȚ / DITCH
Ax pod GIB L=15.00m km 247+717.752
Ax bridge GIB L=15.00m km 247+717.752
ȘANȚ RANFORSAT PREFABRICAT
PREFABRICATED REINFORCED DITCH
(EA5101E00QCCT000050130, EA5101E00QCCT000050140)
L = 171M
247+400
DRUM DE PIATRA
KM 247+464.80
16.00
16.00
13.00
Capat peron linia I
Capat peron linia II
Platform limit track I
Platform limit track II
km 247+519
SPRIJINIRE CU COLOANE DE BETON ARMAT Ø 1080MM
PROPPING WITH REINFORCING CONCRETE COLUMNS Ø 1080MM
(EA51 01 E 14 PB CT 014 X 001)
L = 162M
KM 247+626.20
247+500
247+600
drum pietruit
Capat peron linia I
Capat peron linia II
Platform limit track I
Platform limit track II
km 247+675
A
B
C
D
DBAT
IS4
IS2
1TUB PVC ϕ 110mm
ONE PVC TUBE ϕ 110mm
14.00
14.00
Semnale avarie S2,S4
Damage signals S2,S4
km 247+732
247+700
247+800

LEGENDA LEGEND

Simbol pentru semnal BLI
Symbol for IBL signal

3/8 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

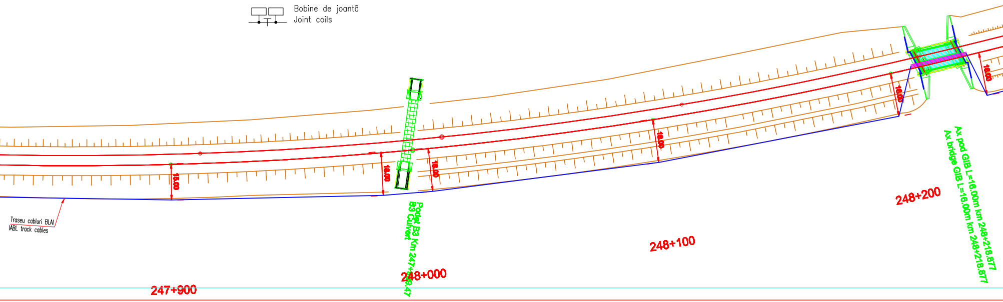
Cablu BLA proiectat in canal
Projected ABL cable in duct

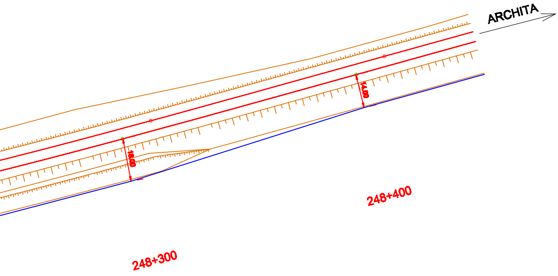
Bobina de joanta–cap alimentare
Impedance bond–supply end

Bobina de joanta–cap receptie
Impedance bond–receiving end

Joante izolante
Insulated joints

Dulap semnal
Signal cabin


Traseu cabluri BLA/
/ABL track cables
18.00
18.00
18.00
18.00
18.00
18.00
18.00
Podet B3 Km 247+[illegible]9.47
B3 Culvert
247+900
248+000
248+100
248+200
Ax pod GIB L=16.00m km 248+218.877
Ax bridge GIB L=16.00m km 248+218.877


ARCHITA
16.00
14.00
248+400
248+300

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 FINANȚAT 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	Sef proiect Project manager	R. Liuzza	12.2011	
Aprobat Approved	Coordonator Sectiune 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 Brașov - Simeria, parte componentă a coridorului IV Pan European, pentru circulația trenurilor cu viteza maximă de 160 km/h,
Tronsonul : Brașov - Sighișoara
Rehabilitation of the railway line Brașov - Simeria, component Part of the IV Pan-European Corridor, for the trains circulation with maximum speed of 160 km/h,
Section : Brașov - Sighișoara

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

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

Denumire desen / Drawing Title :

Statia / Station Cața
Plan de situație - Interval Cața-Archita
Layout - Cața-Archita Section
Instalatii BLAI / IABL Installations
km 247+100 - km 248+400

Codificare / Codification System	Scara / Scale 1:1000	LOT / LOT	Nr. / No 05 / 06

EA51 01 C 14 L7 SE 01 4 2 002 2

(1750x297)