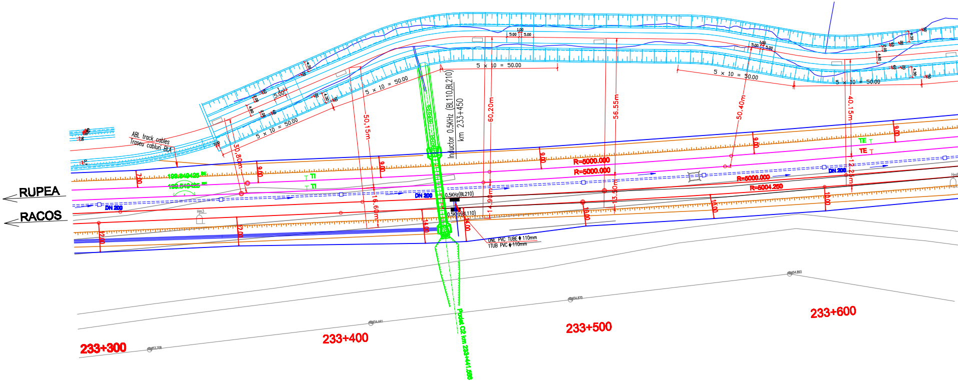
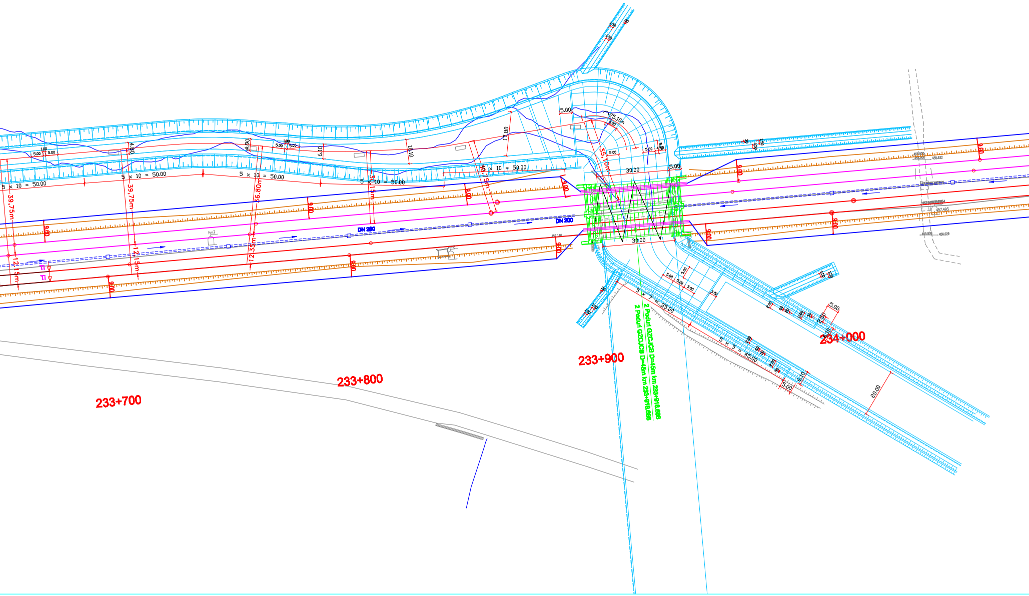
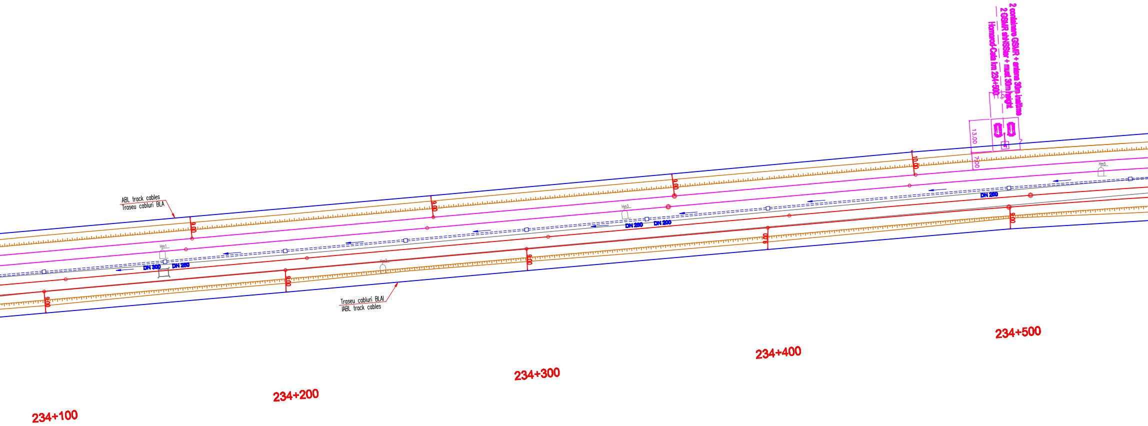
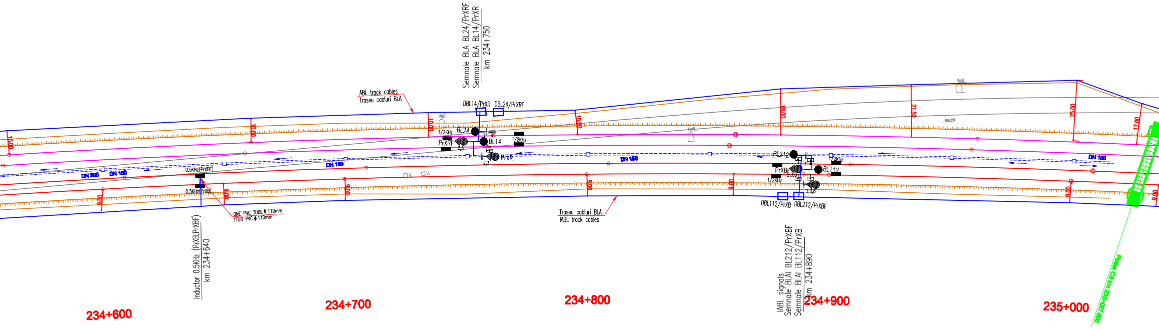
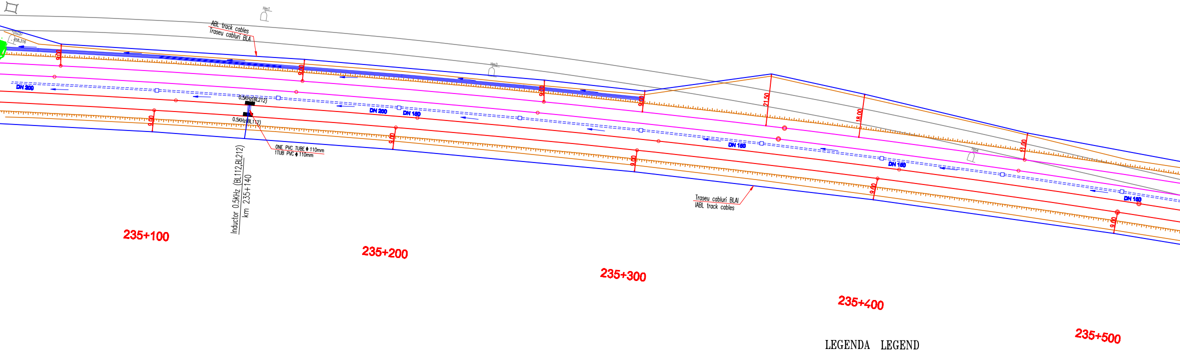

RUPEA
RACOS
ABL track cables
Traseu cabluri BLA
5 x 10 = 50.00
5 x 10 = 50.00
5 x 10 = 50.00
5 x 10 = 50.00
5 x 10 = 50.00
5.00
1.00
5.00
4.30
4.80
2.00
60
20
30,80m
50,15m
60,20m
56.55m
50.40m
40.15m
16.60m
14.90m
13.50m
12.25m
Inductor 0.5KHz (BL110,BL210)
km 233+450
0.5KHz(BL210)
0.5KHz(BL110)
ONE PVC TUBE ϕ 110mm
1TUB PVC ϕ 110mm
DN 200
DN 200
DN 200
TI
TI
TE
TE
R=5000.000
R=5000.000
R=5000.000
R=5004.250
7.00
9.00
9.00
9.00
9.00
9.00
12.00
12.00
14.00
14.00
10.00
10.00
10.00
10.00
Hm3
Podet C2 km 233+441.888
233+300
233+400
233+500
233+600


5 × 10 = 50.00
39.75m
12.15m
36.80m
12.35m
5 × 10 = 50.00
31.15m
40.75m
35.10m
25.10m
30.00
5.00
9.00
DN 200
Hm7
Fi
4.80
4.90
6.10
10.10
17.80
5.00
30.00
5 × 7 = 35.00
5 × 5 = 45.00
20.00
5.00
2 Poduri GZCJCB D=45m km 233+918.688
2 Poduri GZCJCB D=45m km 233+918.688
233+700
233+800
233+900
234+000


2 containere GSMR + antena 30m inaltime
2 GSMR shelter + mast 30m height
Homorod-Cata km 234+500
13.00
7.00
ABL track cables
Traseu cabluri BLA
Traseu cabluri BLAI
IABL track cables
9.00
10.00
DN 300
DN 250
DN 200
Hm1
Hm2
Hm3
Hm5
234+100
234+200
234+300
234+400
234+500


Semnale BLA BL24/PrXRF
Semnale BLA BL14/PrXR
km 234+750
ABL track cables
Traseu cabluri BLA
DBL14/PrXR
DBL24/PrXRF
Hm7
1/2KHz
BL24
PrXRF
2,3
BL14
1/2KHz
PrXR
2,3
10.00
10.00
10.00
10.00
19.00
21.50
25.00
17.00
Hm8
Hm9
DN 200
DN 180
DN 180
DN 180
DN 180
0.5KHz(PrXBF)
0.5KHz(PrXB)
9.00
9.00
9.00
9.00
9.00
9.00
9.00
ONE PVC TUBE Φ 110mm
1TUB PVC Φ 110mm
Inductor 0.5KHz (PrXB,PrXBF)
km 234+640
Traseu cabluri BLAI
IABL track cables
BL212
1/2KHz
PrXBF
2,3,8
BL112
1/2KHz
2,3,8
DBL112/PrXB
DBL212/PrXBF
IABL signals
Semnale BLAI BL212/PrXBF
Semnale BLAI BL112/PrXB
km 234+890
234+600
234+700
234+800
234+900
235+000
Podet C3 km 235+027.808


Hm1
ABL track cables
Traseu cabluri BLA
Hm2
458.316
9.00
9.00
9.00
9.00
21.50
18.00
11.00
DN 200
DN 200
DN 160
DN 160
DN 160
DN 160
0.5KHz(BL212)
0.5KHz(BL112)
ONE PVC TUBE ϕ 110mm
1TUB PVC ϕ 110mm
Inductor 0.5KHz (BL112,BL212)
km 235+140
9.00
9.00
9.00
9.00
9.00
Traseu cabluri BLA/
/ABL track cables
Hm4
235+100
235+200
235+300
235+400
235+500

LEGENDA LEGEND

Simbol pentru semnal BLA
Symbol for ABL 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 ABL

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

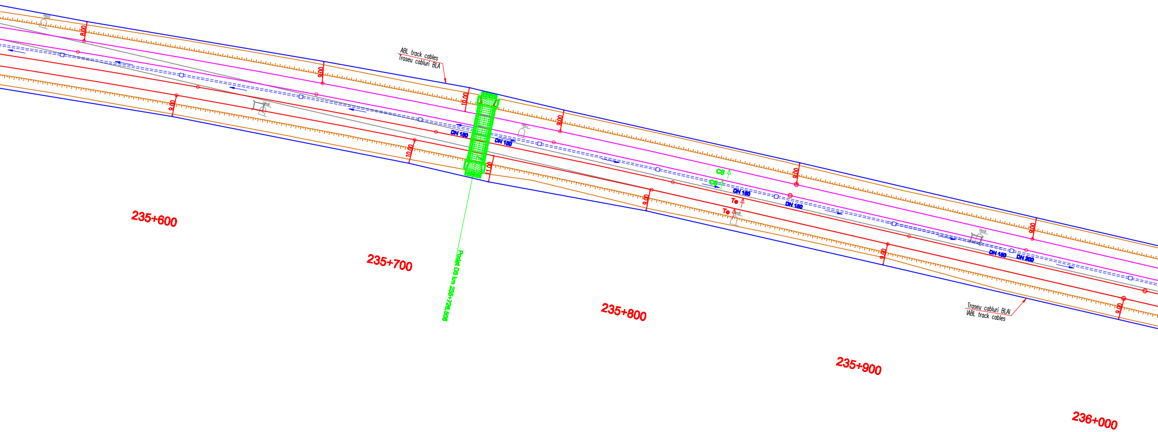
Cablu BLA proiectat in canal
Projected ABL cable in duct

Bobina de joanta-cap alimentare
Impedance bond-supply end

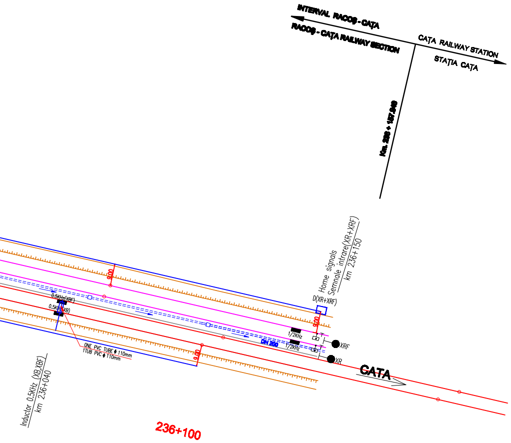
Bobina de joanta-cap receptie
Impedance bond-receiving end

Joante izolante
Insulated joints

Dulap semnal
Signal cabin



ABL track cables
Traseu cabluri BLA
Hm5
9.00
9.00
9.00
Hm6
10.00
10.00
DN 150
DN 150
11.00
Hm7
9.00
9.00
CS
CS
DN 150
Te
Te
Hm8
DN 150
9.00
9.00
Hm9
DN 150
DN 200
9.00
Traseu cabluri BLAI
IABL track cables
235+600
235+700
Podet D5 km 235+728.506
235+800
235+900
236+000


INTERVAL RACOŞ - CAȚA
RACOŞ - CAȚA RAILWAY SECTION
CAȚA RAILWAY STATION
STAȚIA CAȚA
Km. 233 + 157.949
Home signals
Semnale intrare(XR+XRF)
km 236+150
D(XR+XRF)
9.00
9.00
9.00
0.5KHz(XBF)
0.5KHz(XB)
ONE PVC TUBE ϕ 110mm
1TUB PVC ϕ 110mm
DN 200
1/2KHz
1/2KHz
XRF
XR
CATA
Inductor 0.5KHz (XB,XBF)
km 236+040
236+100

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	Holen

Reabilitarea liniei de cale ferata Braşov - Simeria, parte componentă a coridorului IV Pan European, pentru circulația 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 Cața
Plan de situație - Interval Racoş-Cața
Layout - Racoş-Cața Section
Instalații BLAI / IABL Installations
km 233+300 - km 236+150

Codificare / Codification System	Scara / Scale 1:1000	LOT / LOT	Nr. / No 03 / 08

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

(3200x297)