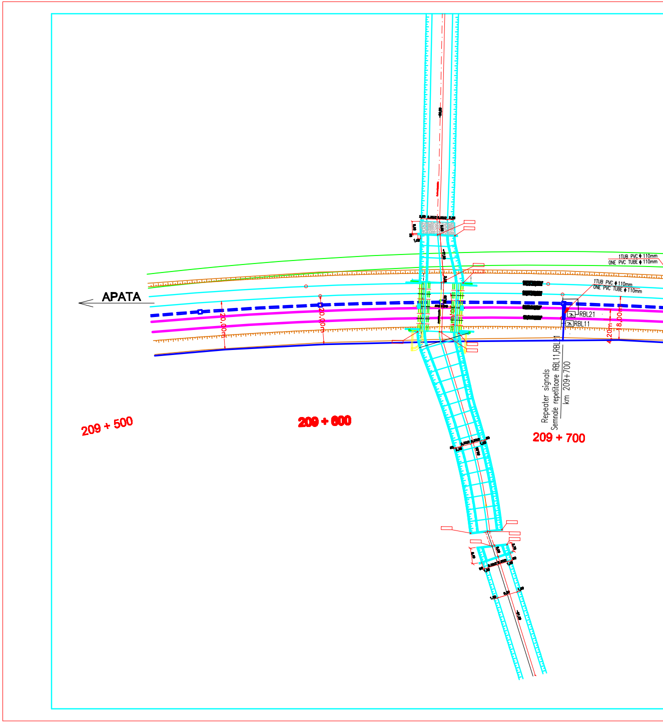
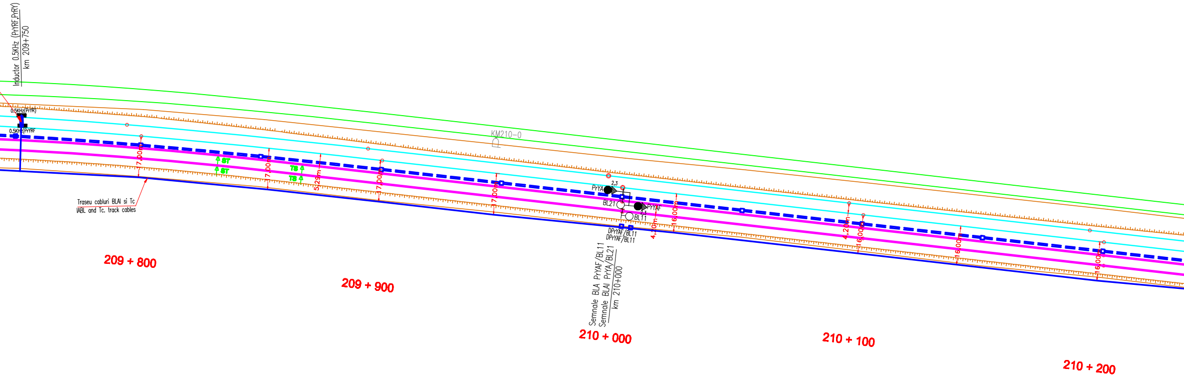
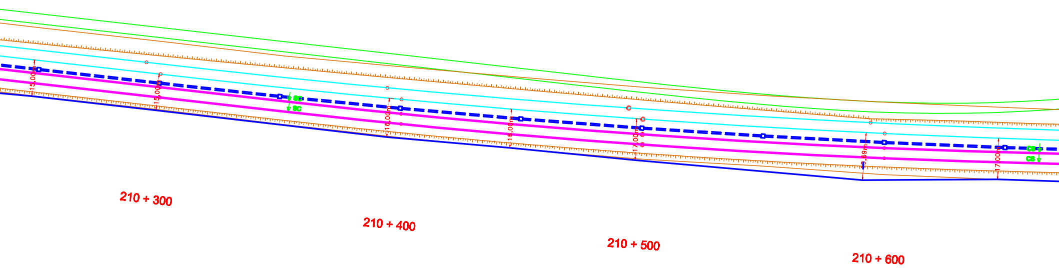
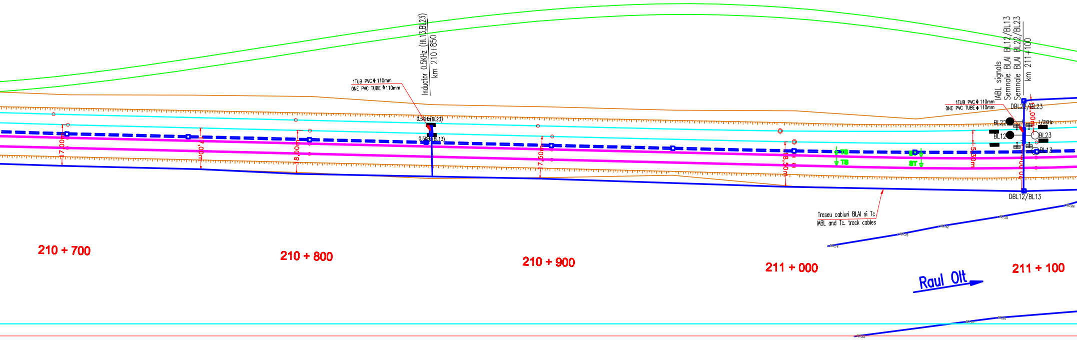

APATA
1TUB PVC Φ 110mm
ONE PVC TUBE Φ 110mm
1TUB PVC Φ 110mm
ONE PVC TUBE Φ 110mm
20,00m
20,00m
RBL21
RBL11
4,20m
18,00m
Repeater signals
Semnale repetitoare RBL11,RBL21
km 209+700
209 + 500
209 + 600
209 + 700


Inductor 0.5KHz (PrYRF,PrRY)
km 209+750
0.5KHz(PrYR)
0.5KHz(PrYRF
Traseu cabluri BLAI si Tc
IABL and Tc. track cables
17,00m
ST
ST
17,00m
TS
TS
5,29m
17,00m
17,00m
KM210-0
2,3
PrYA
BL21
PrYAF
2,3
BL11
DPrYAF/BL11
DPrYAF/BL11
4,20m
16,00m
Semnale BLA PrYAF/BL11
Semnale BLAI PrYA/BL21
km 210+000
4,20m
16,00m
16,00m
16,00m
209 + 800
209 + 900
210 + 000
210 + 100
210 + 200


15,00m
15,00m
SC
SC
16,00m
16,00m
17,00m
9,69m
17,00m
CS
CS
210 + 300
210 + 400
210 + 500
210 + 600



Inductor 0.5KHz (BL13,BL23)
km 210+850
1TUB PVC ϕ 110mm
ONE PVC TUBE ϕ 110mm
0.5KHz(BL23)
0.5KHz(BL13)
17,00m
17,00m
18,00m
17,50m
18,50m
5,30m
20,00m
IABL signals
Semnale BLAI BL12/BL13
Semnale BLAI BL22/BL23
km 211+100
1TUB PVC ϕ 110mm
ONE PVC TUBE ϕ 110mm
DBL22/BL23
BL22
BL12
1/2KHz
BL23
BL13
DBL12/BL13
TS
TS
ST
ST
Traseu cabluri BLAI si Tc
IABL and Tc. track cables
210 + 700
210 + 800
210 + 900
211 + 000
211 + 100
Raul Olt

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 jonctă
Joint coils

Cablu BLA proiectat in sapatura
Projected ABL cable in ditch

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

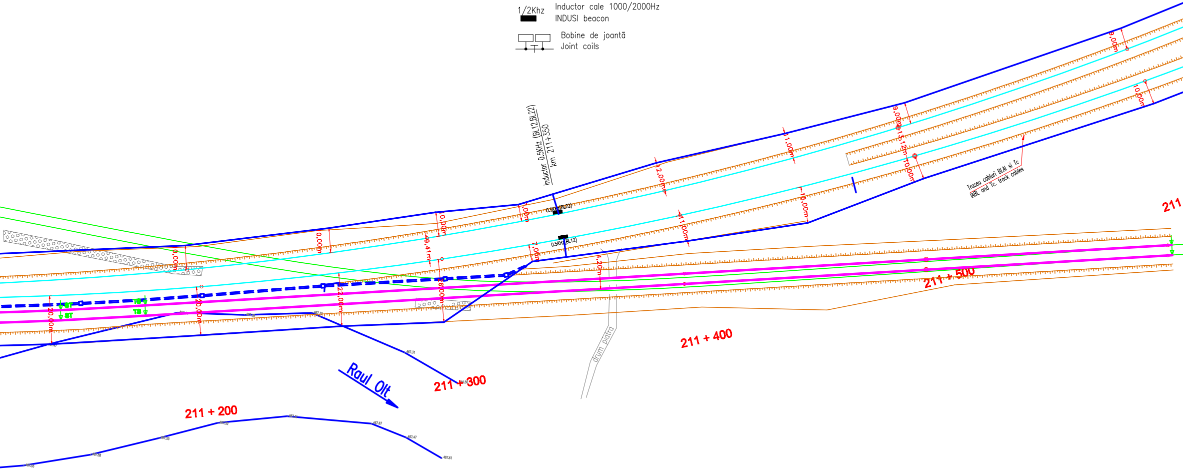
Cablu BLA proiectat in canal
Projected ABL cable in duct

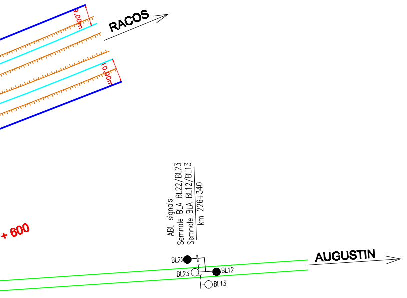
Bobina de joanta–cap alimentare
Impedance bond–supply end

Bobina de joanta–cap receptie
Impedance bond–receiving end

Joante izolante
Insulated joints

Dulap semnal
Signal cabin


Inductor 0.5KHz (BL12,BL22)
km 211+350
0.5KHz (BL22)
0.5KHz (BL12)
Traseu cabluri BLAI si Tc
IABL and Tc. track cables
9,00m
10,00m
9,00m
13,12m
10,00m
11,00m
15,00m
12,00m
11,00m
7,00m
7,00m
4,20m
0,00m
9,41m
0,00m
0,00m
22,00m
26,00m
20,00m
20,00m
drum piatra
Raul Olt
211 + 200
211 + 300
211 + 400
211 + 500
211


9,00m
RACOS
10,00m
+ 600
ABL signals
Semnale BLA BL22/BL23
Semnale BLA BL12/BL13
km 226+340
BL22
BL23
BL12
BL13
AUGUSTIN

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

CFR

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 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 Apata
Plan de situaţie - Interval Apata-Racos
Layout - Apata-Racos Section
Instalatii BLAI / IABL Installations
km 209+550 - km 211+600

Codificare / Codification System	Scara / Scale 1:1000	LOT / LOT	Nr. / No 02 / 04

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

(2620x297)