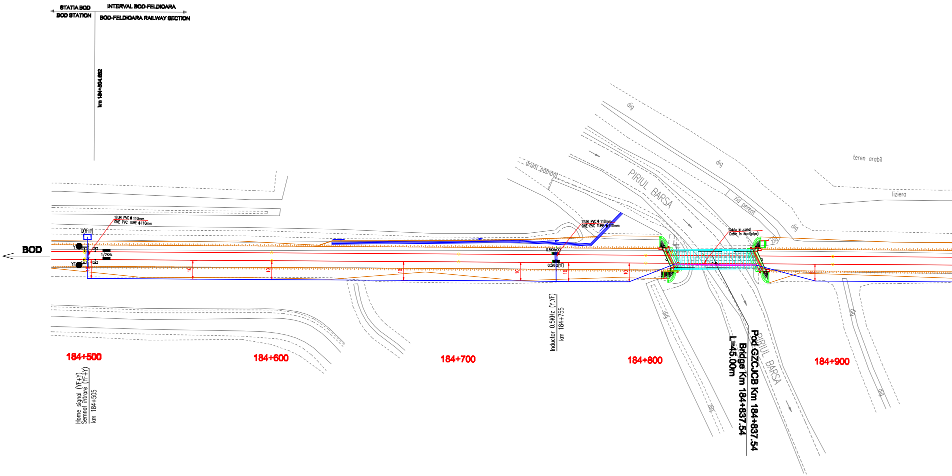
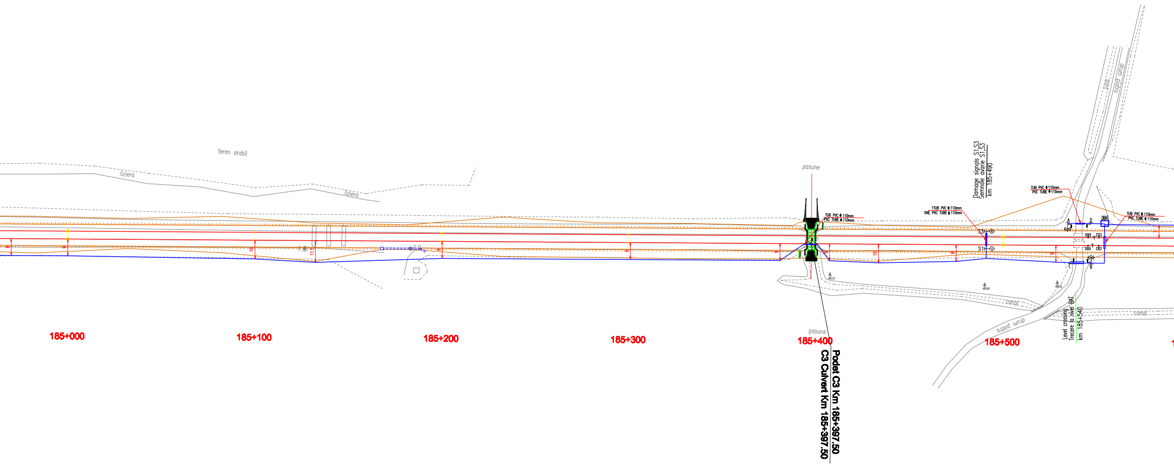
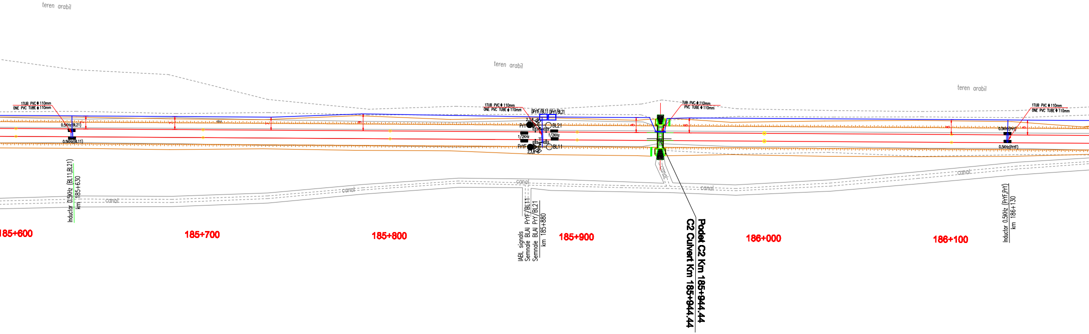
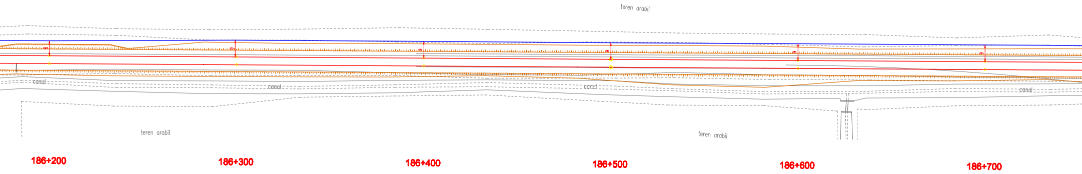
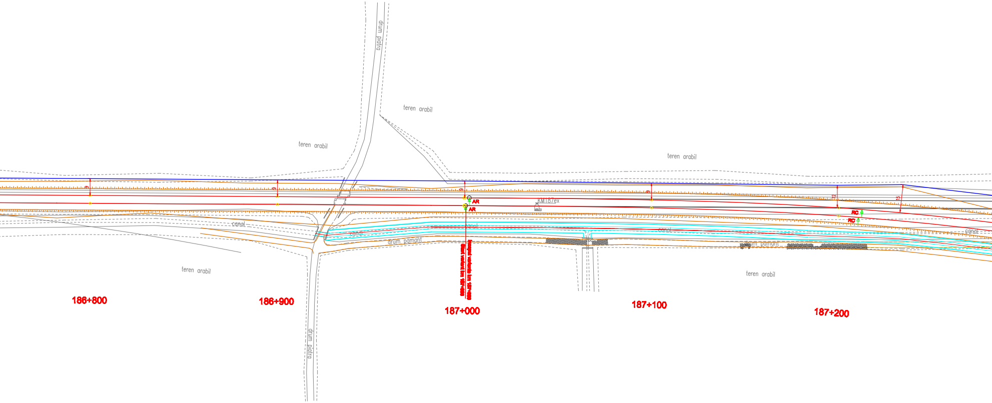

STATIA BOD
BOD STATION
INTERVAL BOD-FELDIOARA
BOD-FELDIOARA RAILWAY SECTION
km 184+504.682
BOD
D(YF+Y)
Y
YF
1TUB PVC ϕ 110mm
ONE PVC TUBE ϕ 110mm
1/2KHz
10
10
10
10
10
10
10
9
drum pamant
PIRIUL BARSA
dig
dig
dig
dig
dig
dig
zid pereat
zid
teren arabil
liziera
1TUB PVC ϕ 110mm
ONE PVC TUBE ϕ 110mm
0.5KHz(Y)
0.5KHz(YF)
Cablu in canal
Cable in duct(pipe)
184+500
184+600
184+700
184+800
184+900
Home signal (YF+Y)
Semnal intrare (YF+Y)
km 184+505
Inductor 0.5KHz (Y,YF)
km 184+755
Pod GZCJCB Km 184+837.54
Bridge Km 184+837.54
L=45.00m
PIRIUL BARSA


teren arabil
liziera
liziera
pasune
pasune
TUB PVC ϕ 110mm
PVC TUBE ϕ 110mm
1TUB PVC ϕ 110mm
ONE PVC TUBE ϕ 110mm
Damage signals S1,S3
Semnale avarie S1,S3
km 185+490
S3
S1
TUB PVC ϕ 110mm
PVC TUBE ϕ 110mm
A
D
DBAT
C
B
TUB PVC ϕ 110mm
PVC TUBE ϕ 110mm
drum piatra
canal
canal
drum piatra
Level crossing
Trecere la nivel BAT
km 185+540
185+000
185+100
185+200
185+300
185+400
185+500
Podet C3 Km 185+397.50
C3 Culvert Km 185+397.50



teren arabil
teren arabil
teren arabil
1TUB PVC ϕ 110mm
ONE PVC TUBE ϕ 110mm
0.5KHz(BL21)
0.5KHz(BL11)
Inductor 0.5KHz (BL11,BL21)
km 185+630
canal
185+600
185+700
185+800
1TUB PVC ϕ 110mm
ONE PVC TUBE ϕ 110mm
DPYF/BL11
DPY/BL21
2,3,8
PrY
BL21
1/2KHz
1/2KHz
PrYF
BL11
2,3,8
canal
IABL signals
Semnale BLAI PrYF/BL11
Semnale BLAI PrY/BL21
km 185+880
185+900
TUB PVC ϕ 110mm
PVC TUBE ϕ 110mm
canal
canal
Podet C2 Km 185+944.44
C2 Culvert Km 185+844.44
186+000
canal
186+100
1TUB PVC ϕ 110mm
ONE PVC TUBE ϕ 110mm
0.5KHz(PrY)
0.5KHz(PrYF)
Inductor 0.5KHz (PrYF,PrY)
km 186+130


teren arabil
canal
canal
canal
canal
teren arabil
teren arabil
186+200
186+300
186+400
186+500
186+600
186+700


drum piatra
teren arabil
teren arabil
teren arabil
AR
AR
KM187ex
RC
RC
canal
canal
canal
canal
canal
drum pamant
drum pamant
teren arabil
teren arabil
186+800
186+900
187+000
187+100
187+200
drum piatra

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

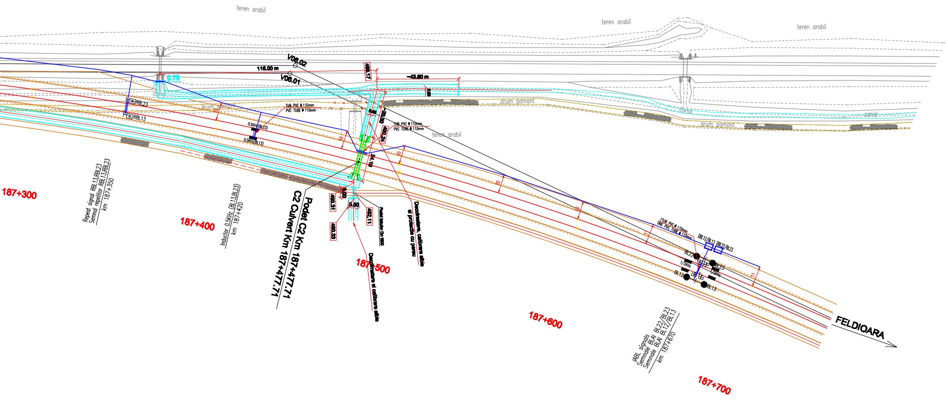
Semnal repetitor
Repeater signal for ABL

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



teren arabil
teren arabil
teren arabil
V06.02
V06.01
116.00 m
490.17
~43.80 m
0.70
canal
RBL23
RBL13
drum pamant
TUB PVC Φ 110mm
PVC TUBE Φ 110mm
0.5KHz(BL23)
0.5KHz(BL13)
TUB PVC Φ 110mm
PVC TUBE Φ 110mm
490.24
34.10
teren arabil
drum pamant
canal
canal
drum pamant
187+300
Repeat signal RBL13,RBL23
Semnal repetitor RBL13,RBL23
km 187+350
187+400
Inductor 0.5KHz (BL13,BL23)
km 187+420
Podet C2 Km 187+4777.71
C2 Culvert Km 187+4777.71
490.31
5.60
490.33
492.11
Podet tubular Dn 1600
Decolmatare, calibrare albie si protectie cu pereu
187+500
Decolmatare si calibrare albie
187+600
1TUB PVC Φ 110mm
ONE PVC TUBE Φ 110mm
DBL12/BL13
DBL22/BL23
BL22
BL23
BL12
BL13
1/2KHz
1/2KHz
FELDIOARA
IABL signals
Semnale BLAI BL22/BL23
Semnale BLAI BL12/BL13
km 187+670
187+700

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

Legatura de protectie (eclator)
Protection connection (arrester)

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

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 Secțiune 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 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 :

Stația / Station Bod
Plan de situație - Interval Bod-Feldioara
Layout - Bod-Feldioara Section
Instalații BLAI / IABL Installations
km 184+470 - km 187+670

Codificare / Codification System	Scara / Scale 1:1000	LOT / LOT	Nr. / No 01 / 01

EA51 01 C 06 L7 SE 00 6 2 002 1

(3650x420)