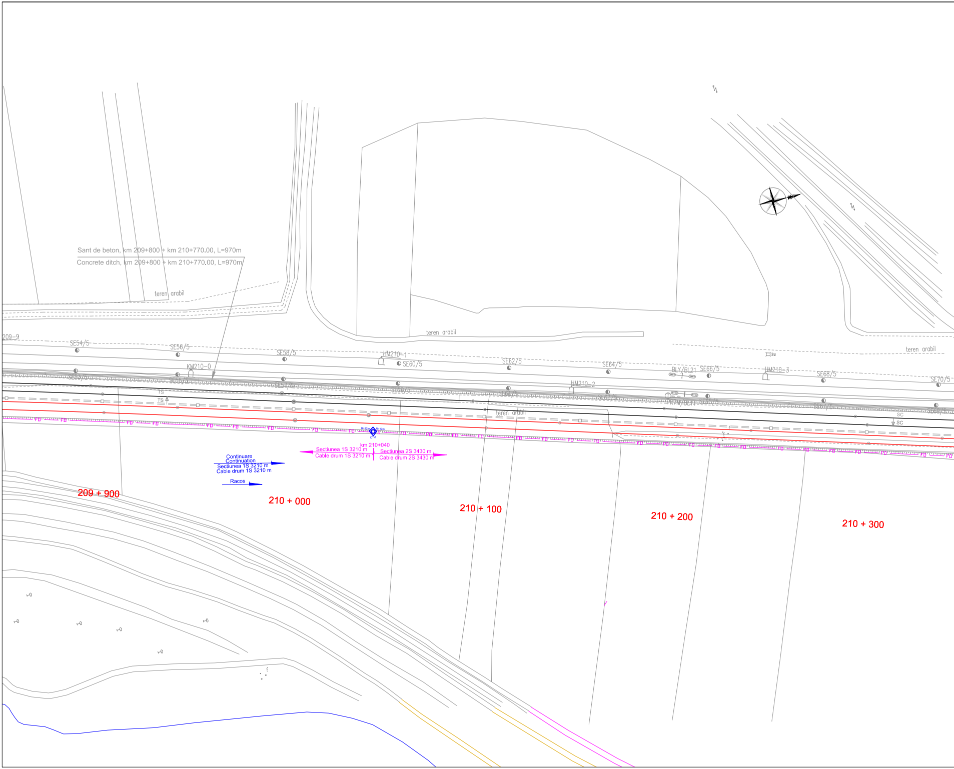
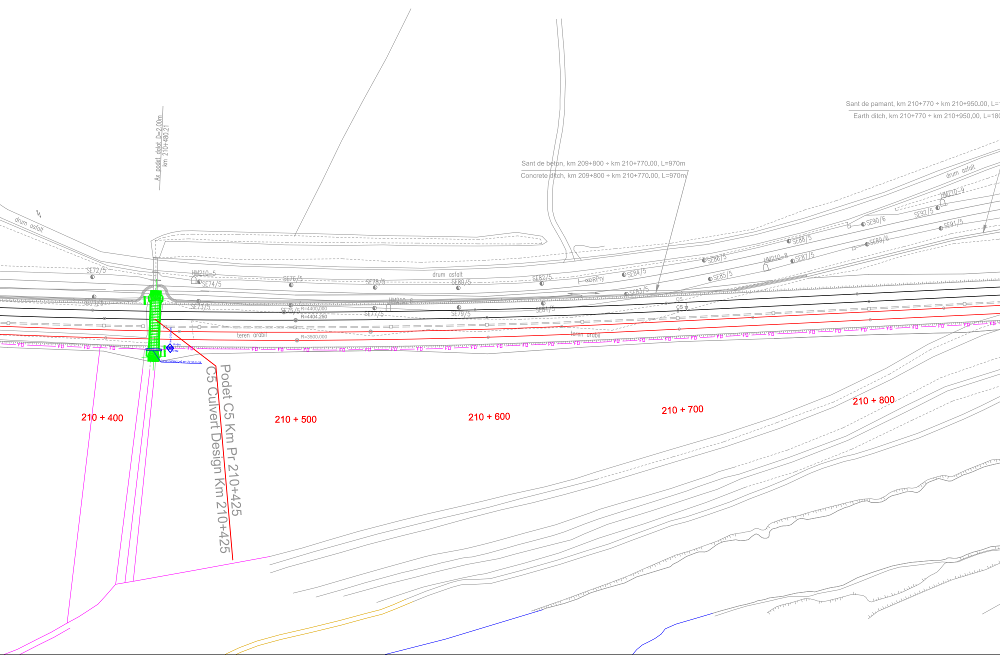
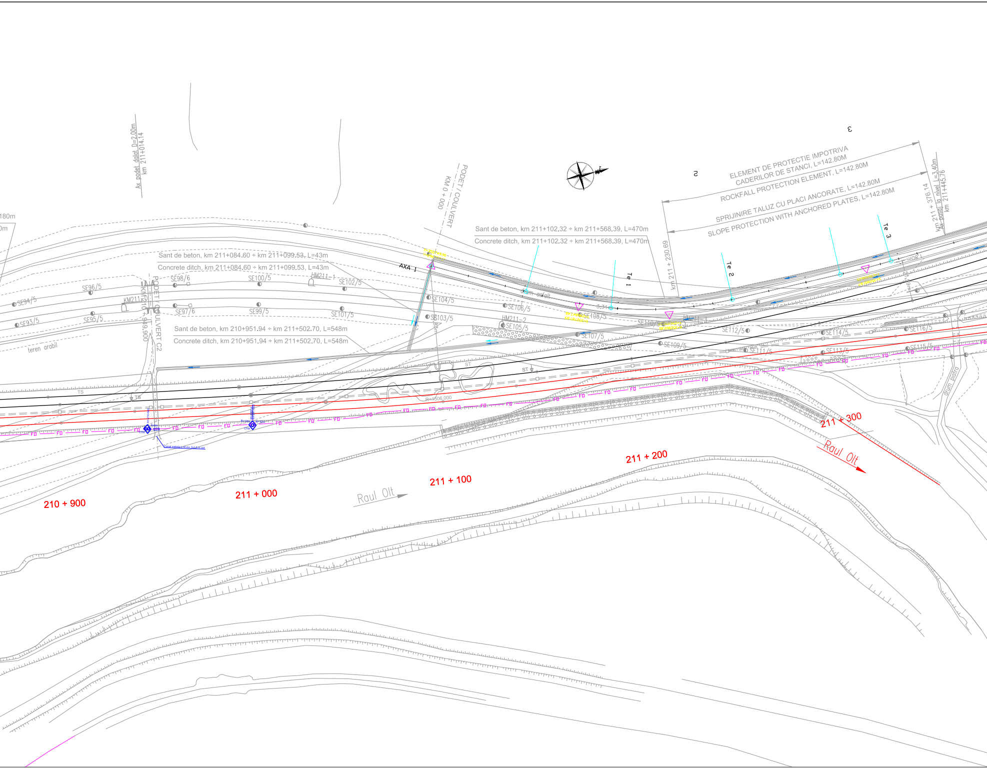
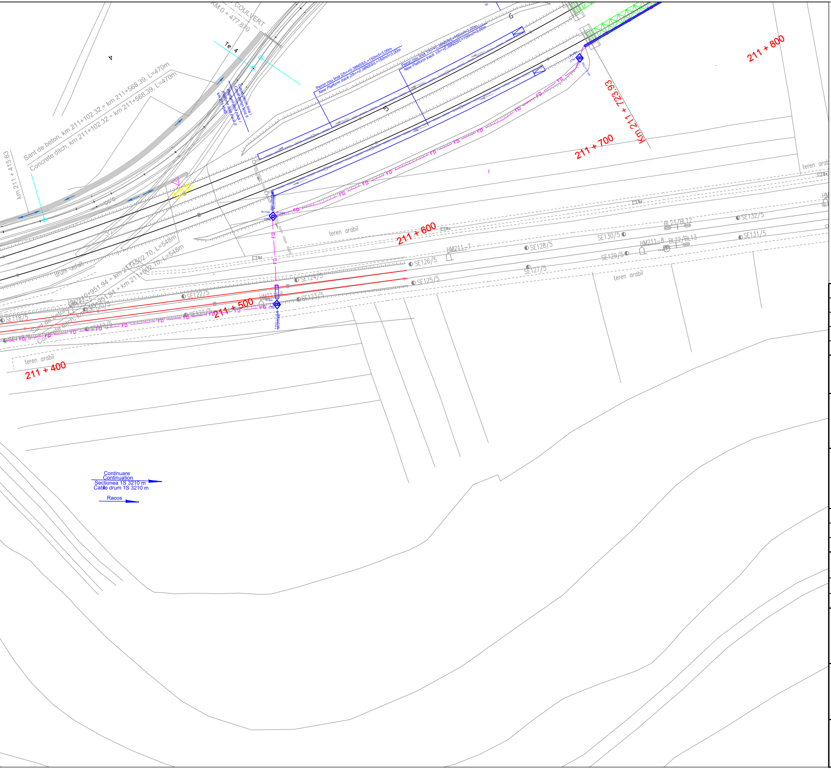

Sant de beton, km 209+800 ÷ km 210+770.00, L=970m
Concrete ditch, km 209+800 ÷ km 210+770.00, L=970m
teren arabil
teren arabil
teren arabil
teren arabil
209-9
SE54/5
SE56/5
SE58/5
HM210-1
SE60/5
SE62/5
SE64/5
BLY/BL21
SE66/5
Bz
HM210-3
SE68/5
SE70/5
KM210-0
HM210-2
SE53/5
SE55/5
SE57/5
SE59/5
SE61/5
SE63/5
PR7W/BL11
SE65/5
SE67/5
SE69/5
TS
TS
SC
SC
FO
R=12m
R=12m
CTM
km 210+040
Sectiunea 1S 3210 m
Cable drum 1S 3210 m
Sectiunea 2S 3430 m
Cable drum 2S 3430 m
Continuare
Continuation
Sectiunea 1S 3210 m
Cable drum 1S 3210 m
Racos
209 + 900
210 + 000
210 + 100
210 + 200
210 + 300



Ax podet dalat D=2.00m
km 210+480.21
Sant de beton, km 209+800 ÷ km 210+770.00, L=970m
Concrete ditch, km 209+800 ÷ km 210+770.00, L=970m
Sant de pamant, km 210+770 ÷ km 210+950.00, L=
Earth ditch, km 210+770 ÷ km 210+950.00, L=18
drum asfalt
drum asfalt
drum asfalt
SE72/5
SE71/5
HM210-5
SE74/5
SE73/5
SE76/5
SE75/5
R=4400.000
R=4404.250
R=3500.000
SE78/5
SE77/5
HM210-6
SE80/5
SE79/5
SE82/5
SE81/5
RPry
SE84/5
SE83/5
SE86/5
SE85/5
SE88/5
HM210-8
SE87/5
SE90/6
SE89/6
SE92/5
HM210-9
SE91/5
CS
CS
teren arabil
teren arabil
FO
R=6m
CTM
Podet C5 Km Pr 210+425
C5 Culvert Design Km 210+425
210 + 400
210 + 500
210 + 600
210 + 700
210 + 800


180m
0m
Ax podet dalat D=2.00m
km 211+014.14
PODET / COULVERT
KM 0 + 000
AXA 1
Sant de beton, km 211+084.60 ÷ km 211+099.53, L=43m
Concrete ditch, km 211+084.60 ÷ km 211+099.53, L=43m
Sant de beton, km 211+102.32 ÷ km 211+568.39, L=470m
Concrete ditch, km 211+102.32 ÷ km 211+568.39, L=470m
Sant de beton, km 210+951.94 ÷ km 211+502.70, L=548m
Concrete ditch, km 210+951.94 ÷ km 211+502.70, L=548m
ELEMENT DE PROTECTIE IMPOTRIVA
CADERILOR DE STANCI, L=142.80M
ROCKFALL PROTECTION ELEMENT, L=142.80M
SPRIJINIRE TALUZ CU PLACI ANCORATE, L=142.80M
SLOPE PROTECTION WITH ANCHORED PLATES, L=142.80M
km 211 + 230.69
km 211 + 376.14
Ax pasaj la nivel L=3.40m
km 211+445.76
Te 1
Te 2
Te 3
SE93/5
SE94/5
SE95/5
SE96/5
SE97/6
SE98/6
SE99/5
SE100/5
SE101/5
SE102/5
SE103/5
SE104/5
SE105/5
SE106/5
SE107/5
SE108/5
SE109/5
SE110/5
SE111/5
SE112/5
SE113/5
SE114/5
SE115/5
SE116/5
KM211
HM211-1
HM211-2
PODET / COULVERT C2
KM 210 + 949.900
teren arabil
drum asfalt
drum piatra
TS
ST
FO
R=1506.000
210 + 900
211 + 000
211 + 100
211 + 200
211 + 300
Raul Olt
Raul Olt


211 + 800
211 + 700
Km 211 + 723.93
211 + 600
211 + 500
211 + 400
km 211 + 415.83
Sant de beton, km 211+102.32 ÷ km 211+568.39, L=470m
Concrete ditch, km 211+102.32 ÷ km 211+568.39, L=470m
Sant de beton, km 210+951.94 ÷ km 211+502.70, L=548m
Concrete ditch, km 210+951.94 ÷ km 211+502.70, L=548m
COULVERT
KM 0 + 477.870
Te 4
Peron nou linia 2/h=+0,38NSS/L=150m/l=3,00m
New Platform track 2/h=+0,38NSS/L=150m/l=3,00m
Peron nou linia 1/h=+0,38NSS/L=150m/l=3,00m
New Platform track 1/h=+0,38NSS/L=150m/l=3,00m
Capat peron linia I
Capat peron linia II
Platform limit track I
Platform limit track II
km 211+540
drum asfalt
teren arabil
teren arabil
teren arabil
teren arabil
FO
CTM
R=12m
R=6m
Bz
SE118/5
SE119/5
SE120/5
SE121/5
SE122/5
SE123/5
SE124/5
SE125/5
SE126/5
SE127/5
SE128/5
SE129/5
SE130/5
SE131/5
SE132/5
HM211-5
HM211-6
HM211-7
HM211-8
BL22/BL13
BL23/BL12
Continuare
Continuation
Sectiunea 1S 3210 m
Cable drum 1S 3210 m
Racos

L E G E N D A
L E G E N D

CTM	Cameretă cu mufa de jonctiune Handhole with junction box
CTM	Cameretă cu rezerva Handhole with cable reserve
CT	Camera de tragere cu mufa de jonctiune Manhole with junction box
CT	Camera de tragere cu rezerva Manhole with cable reserve
CTS	Camera de tragere speciala pentru subtraversare Special manhhole for undercrossing
— FO —	Cablu cu fibre optice subteran Underground optical fiber cable
— FO —	Teava PVC Φ 110 mm / canal metalic PVC pipe Φ 110 mm / metallic chanel
— FO —	Cablu cu fibre optice special pentru tunel protejat in duct HDPE Φ 40 mm instalat in conductele pentru cabluri din tunel Special OF cable for tunnels proteated in HDPE duct Φ 40 mm installed in tunnel pipes

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

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

ITALFERR
GRUPPO FERROVIE DELLO STATO
Joint Venture leader

Scott Wilson

OBERMEYER
PLANEN + BERATEN GmbH

TECNIC

CONSULTANT / CONSULTANT

			Data Date	Semnătură Signature
Aprobat Approved	Şef proiect Project manager	R. Liuzza		
Aprobat Approved	Coordonator Secţiune 1 Section 1 Coordinator	C. Gambelli		
Verificat Checked	Expert Cheie Key Expert	Pino Amodio		

SUBCONTRACTANT / SUBCONTRACTOR

AREX

Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible	A.Stanciu - Dinulescu		
Întocmit Elaborated	Proiectant Designer	Gabriela Trifan	01.2012	Trifan

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:

Denumire desen / Drawing Title :

Interval - APATA - RACOS - Section
CABLU CU FIBRE OPTICE (Cablul 2)
Plan de situatie
FIBER OPTIC CABLE (cable 2)
Layout Plan

Codificare / Codification System

Scara / Scale	LOT / LOT	Nr. / No
1:1000		02 / 05

EA51 01 E 10 L7 SE 03 8 7 002 0