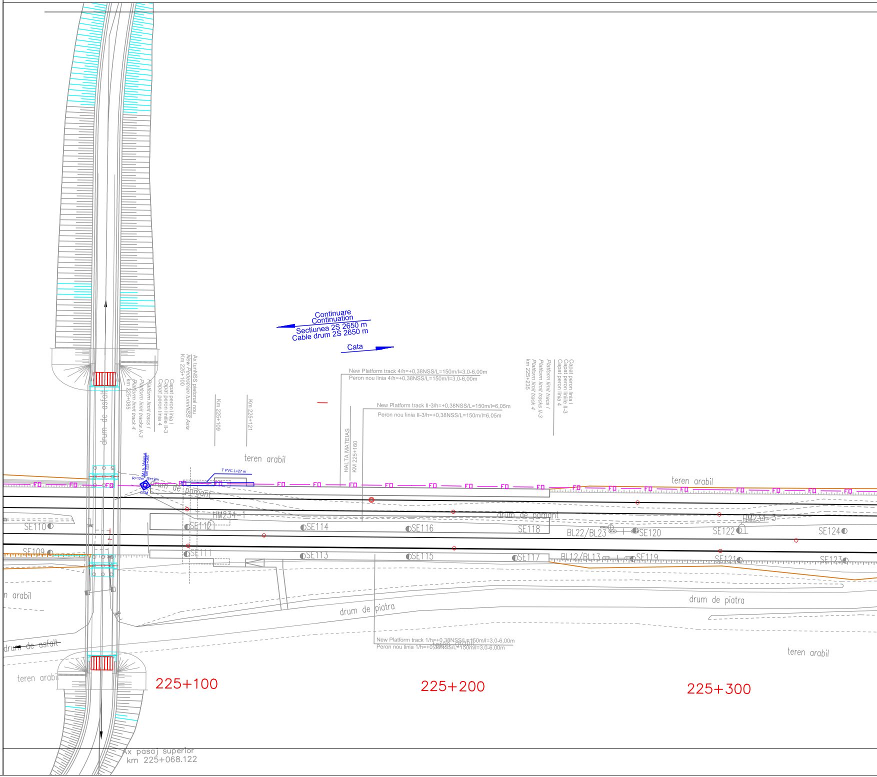
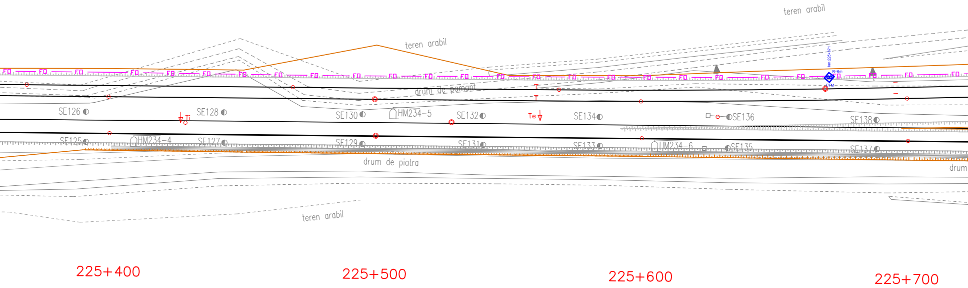
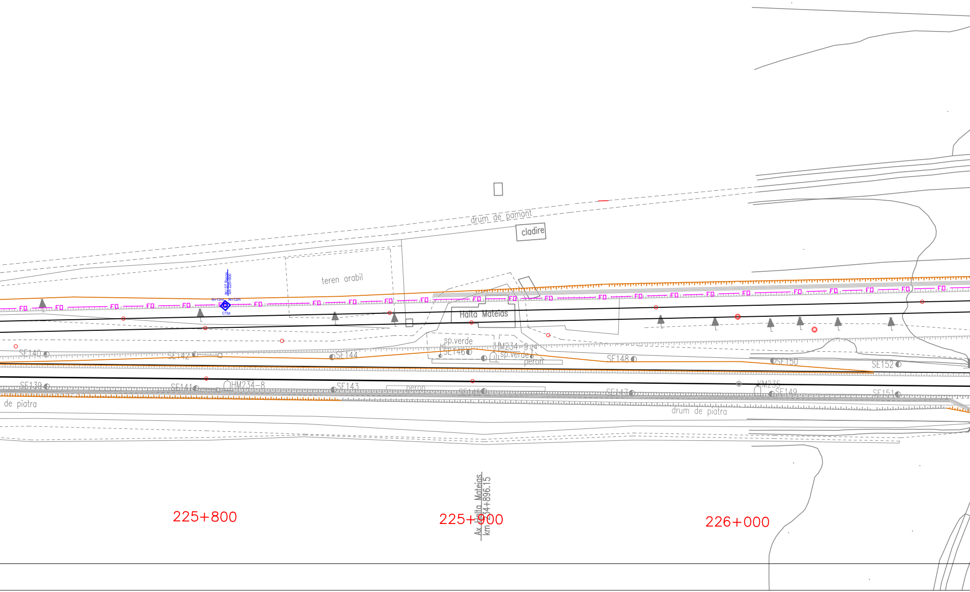
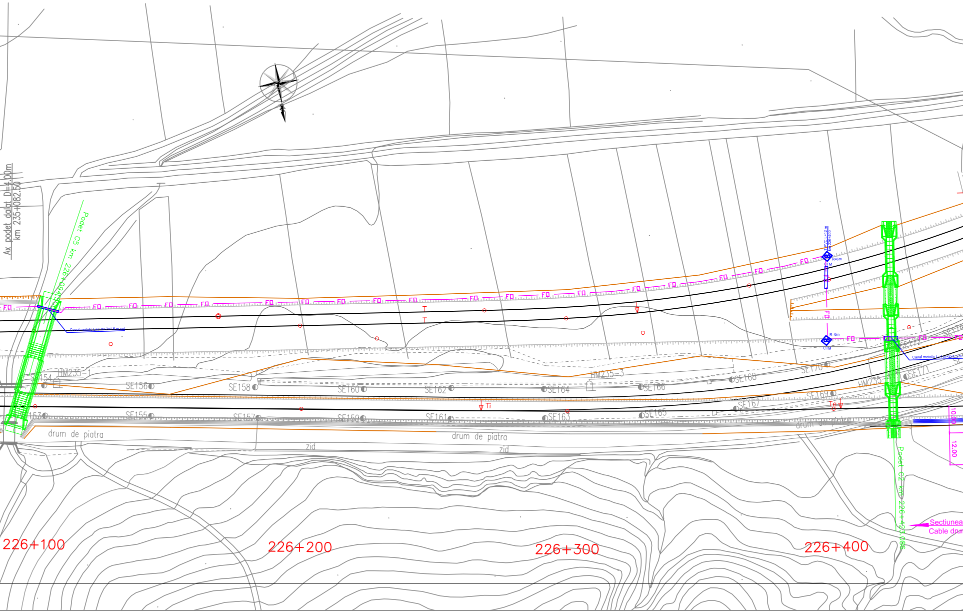
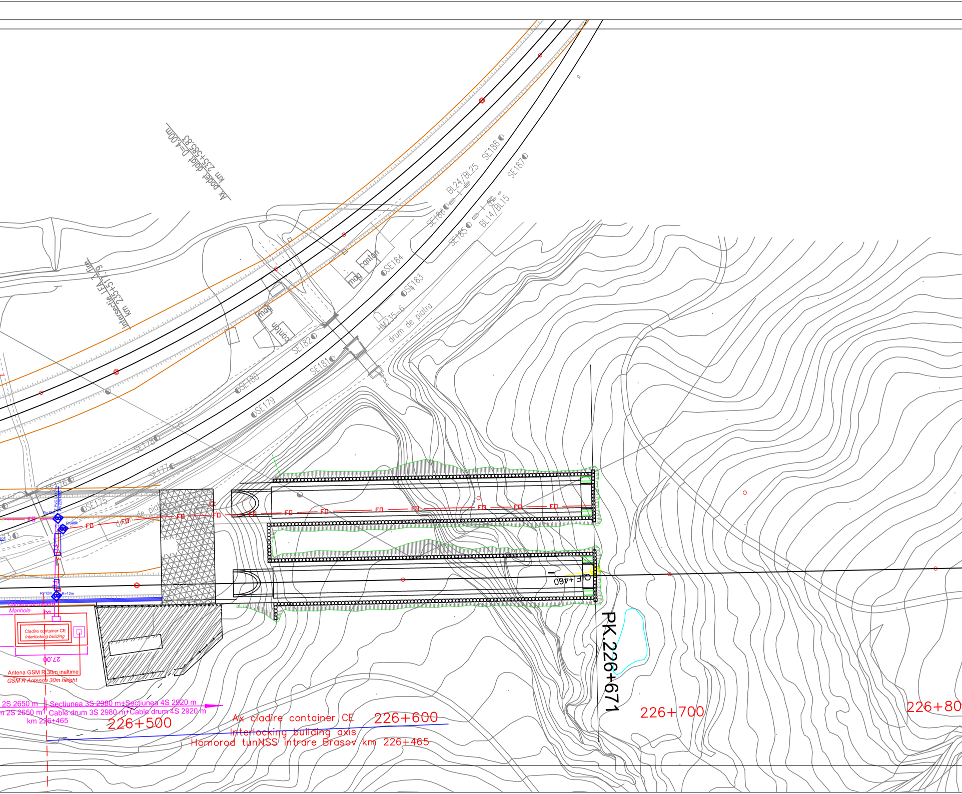
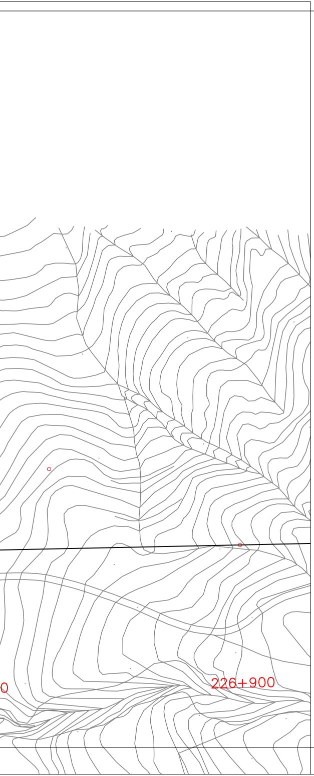

Continuare
Continuation
Sectiunea 2S 2650 m
Cable drum 2S 2650 m
Cata
Ax tunNSS pietonal nou
New Pedestrian tunnNSS Axis
Km 225+100
Capat peron linia I
Capat peron liniile II-3
Capat peron linia 4
Platform limit tracs I
Platform limit tracks II-3
Platform limit track 4
km 225+085
Km 225+109
Km 225+121
drum de asfalt
teren arabil
T PVC L=27 m
R=12m
R=12m
km 225+085
CTM
drum de pamant
HALTA MATEIAS
KM 225+160
New Platform track 4/h=+0,38NSS/L=150m/l=3,0-6,00m
Peron nou linia 4/h=+0,38NSS/L=150m/l=3,0-6,00m
New Platform track II-3/h=+0,38NSS/L=150m/l=6,05m
Peron nou linia II-3/h=+0,38NSS/L=150m/l=6,05m
Capat peron linia I
Capat peron liniile II-3
Capat peron linia 4
Platform limit tracs I
Platform limit tracks II-3
Platform limit track 4
km 225+235
FO
teren arabil
HM234-1
HM234-3
drum de pamant
SE110
SE112
SE114
SE116
SE118
BL22/BL23
SE120
SE122
SE124
SE109
SE111
SE113
SE115
SE117
BL12/BL13
SE119
SE121
SE123
n arabil
drum de piatra
drum de piatra
drum de asfalt
teren arabil
New Platform track 1/h=+0,38NSS/L=150m/l=3,0-6,00m
Peron nou linia 1/h=+0,38NSS/L=150m/l=3,0-6,00m
teren arabil
teren arabil
225+100
225+200
225+300
Ax pasaj superior
km 225+068.122


teren arabil
teren arabil
km 225+871
R=6m
CTM
FO
drum de pamant
SE126
Ti
SE128
SE130
HM234-5
SE132
Te
SE134
SE136
SE138
SE125
HM234-4
SE127
SE129
SE131
SE133
HM234-6
SE135
SE137
drum de piatra
drum
teren arabil
225+400
225+500
225+600
225+700


drum de pamant
cladire
teren arabil
M.I.ST.Rapas
km 225+800
R=12m
R=12m
CTM
FO
Halta Mateias
sp.verde
SE146
HM234-9
sp.verde
peron
SE140
SE142
SE144
SE148
SE150
SE152
SE139
SE141
HM234-8
SE143
peron
SE145
SE147
KM235
SE149
SE151
de piatra
drum de piatra
Ax Halta Mateias
km 234+896.15
225+800
225+900
226+000


Ax podet dalat D=4.00m
km 235+082.50
Podet C5 km 226+094.50
Canal metalic L=7 m+2x1.5 m pot
FO
T
Ti
Te
HM235-1
HM235-3
HM235
SE154
SE153
SE155
SE156
SE157
SE158
SE159
SE160
SE161
SE162
SE163
SE164
SE165
SE166
SE167
SE168
SE169
SE170
SE171
SE172
TIPVC L=12 m
km 226+400
R=6m
CTM
Canal metalic L=4 m+2x1.5 m
drum de piatra
zid
Podet C2 km 226+423.086
10.00
12.00
Sectiunea
Cable drum
226+100
226+200
226+300
226+400


Ax podet dalat D=4.00m
km 235+585.83
Intersectie LEA 2x fire
km 235+517.6
SE188
SE187
BL24/BL25
BL14/BL15
SE186
SE185
canton
mag
SE184
SE183
HM235-6
drum de piatra
mag
canton
SE182
SE181
SE180
SE179
SE178
SE177
SE176
SE175
T PVC L=12 m
km 226+465
R=12m
R=48m
FO
drum de piatra
Camera de tragere
Manhole
Cladire container CE
Interlocking building
27.00
Antena GSM R 30m inaltime
GSM R Antenna 30m height
R=12m
R=12m
2S 2650 m
2S 2650 m
Sectiunea 3S 2980 m+Sectiunea 4S 2920 m
Cable drum 3S 2980 m+Cable drum 4S 2920 m
km 226+465
226+500
Ax cladire container CE
Interlocking building axis
Homorod tunNSS intrare Brasov km 226+465
226+600
OF +460
PK.226+671
226+700
226+80



## LEGENDA
## LEGEND

| | | |
|---|---|---|
| CTM | ◇ | Camereta cu mufa de jonctiune<br>Handhole with junction box |
| CTM | ◇ | Camereta cu rezerva<br>Handhole with cable reserve |
| CT | ☐ | Camera de tragere cu mufa de jonctiune<br>Manhole with junction box |
| CT | ☐ | Camera de tragere cu rezerva<br>Manhole with cable reserve |
| CTS | ☐ | Camera de tragere speciala pentru subtraversare<br>Special manhhole for undercrossing |
| | — FO — | Cablu cu fibre optice subteran<br>Underground optical fiber cable |
| | — FO — | Teava PVC Φ 110 mm / canal metalic<br>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<br>Special OF cable for tunnels proteated in HDPE duct Φ 40 mm installed in tunnel pipes |

| | | | | | |
|---|---|---|---|---|---|
| D | | | | | |
| C | | | | | |
| B | | | | | |
| A | | | | | |
| Indice<br>Index | Data<br>Date | Modificare<br>Modification/Revision | Proiectant<br>Designer | Aprobat Consultant<br>Approved Consultant | Aprobat CFR<br>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<br>Date | Semnătură<br>Signature |
|---|---|---|---|---|
| Aprobat<br>Approved | Şef proiect<br>Project manager | R. Liuzza | | |
| Aprobat<br>Approved | Coordonator Secțiune 1<br>Section 1 Coordinator | C. Gambelli | | |
| Verificat<br>Checked | Expert Cheie<br>Key Expert | Pino Amodio | | |

**SUBCONTRACTANT / SUBCONTRACTOR**

AREX COMPANY

| | | | | |
|---|---|---|---|---|
| Aprobat<br>Approved | Responsabil Subconsultant<br>Subconsultant Responsible | A.Stanciu - Dinulescu | | |
| Întocmit<br>Elaborated | Proiectant<br>Designer | Gabriela Trifan | 12.2011 | 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:
P.Th. / T.D.

Denumire desen / Drawing Title :

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

| Codificare / Codification System | Scara / Scale<br>1:1000 | LOT / LOT | Nr. / No<br>02 / 05 |
|---|---|---|---|

E A 5 1 | 0 1 | E | 1 2 | L 7 | S E | 0 4 | 6 | 7 | 0 0 2 | 1