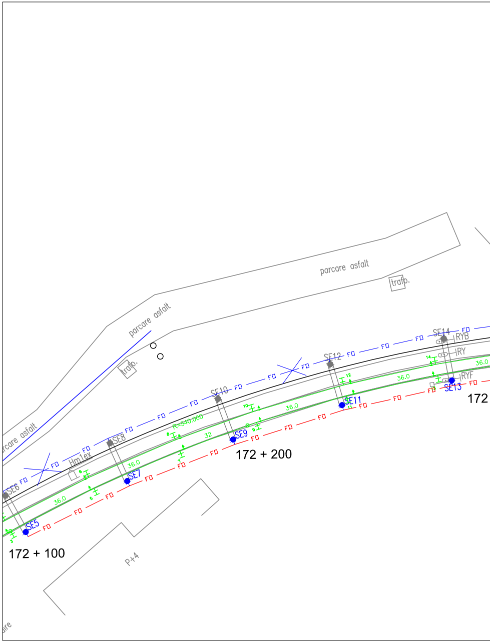
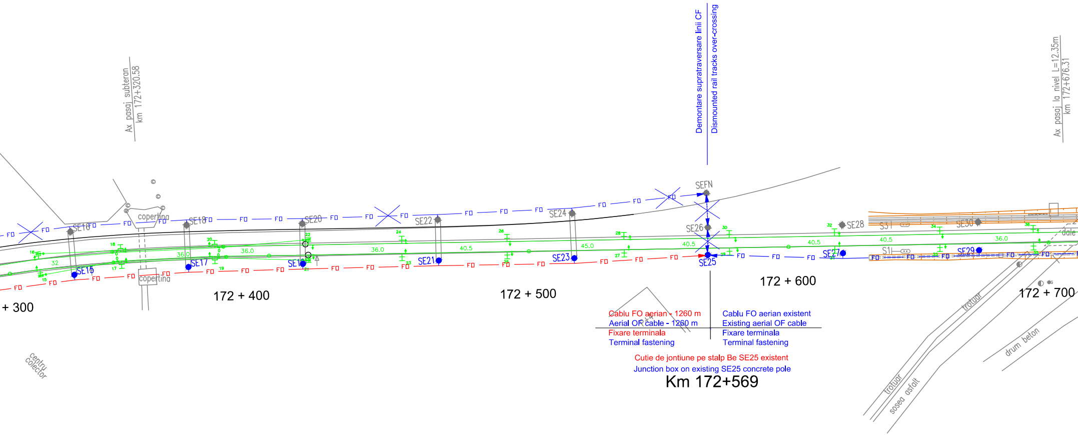

parcare asfalt
parcare asfalt
rcare asfalt
trafo.
trafo.
Hm1ex
SE5
SE6
SE7
SE8
SE9
SE10
SE11
SE12
SE13
SE14
RYB
RY
RYF
R=540.000
36.0
32
FD
P+4
ire
172 + 100
172 + 200
172



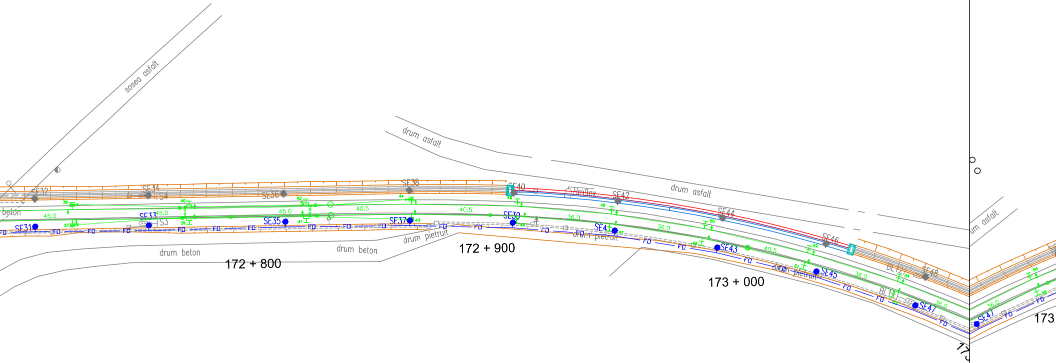
Ax pasaj subteran
km 172+320.58
Demontare supratraversare linii CF
Dismounted rail tracks over-crossing
Ax pasaj la nivel L=12.35m
km 172+676.31
SEFN
SE16
SE18
SE20
SE22
SE24
SE26
SE28
SE30
S31
S1
SE15
SE17
SE19
SE21
SE23
SE25
SE27
SE29
FO
copertina
copertina
36.0
40.5
45.0
dale
+ 300
172 + 400
172 + 500
172 + 600
172 + 700
centru colector
trotuar
trotuar
sosea asfalt
drum beton

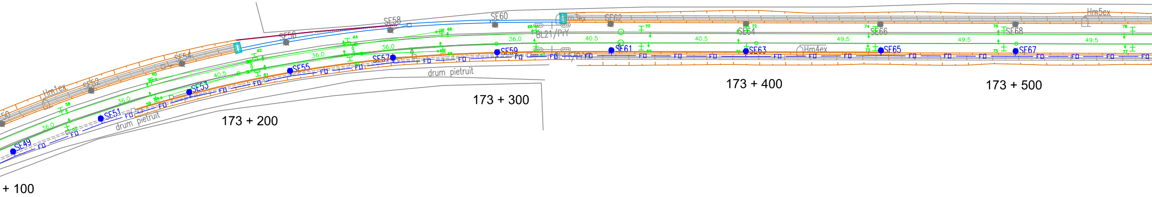
Cablu FO aerian - 1260 m
Aerial OF cable - 1260 m
Fixare terminala
Terminal fastening

Cablu FO aerian existent
Existing aerial OF cable
Fixare terminala
Terminal fastening

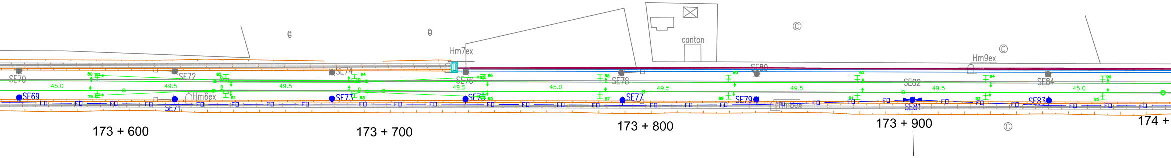
Cutie de jontiune pe stalp Be SE25 existent
Junction box on existing SE25 concrete pole

Km 172+569


sosea asfalt
drum asfalt
drum asfalt
um asfalt
beton
drum beton
drum beton
drum pietruit
drum pietruit
drum pietruit
SE31
SE32
SE33
SE34
SE35
SE36
SE37
SE38
SE39
SE40
SE41
SE42
SE43
SE44
SE45
SE46
SE47
SE47
SE48
S3
S4
Hm9cx
BL12I
BL11I
45.0
45.0
45.0
40.5
40.5
40.5
36.0
36.0
36.0
36.0
36.0
FO
172 + 800
172 + 900
173 + 000
173
173



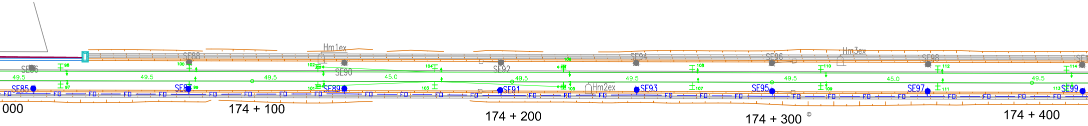
Hm1ex
SE52
SE54
SE56
SE58
SE60
Hm3ex
SE62
SE64
SE66
SE68
Hm5ex
BL21/PrY
36.0
40.5
49.5
SE49
SE51
SE53
SE55
SE57
SE59
SE61
SE63
Hm4ex
SE65
SE67
FO
drum pietruit
drum pietruit
+ 100
173 + 200
173 + 300
173 + 400
173 + 500

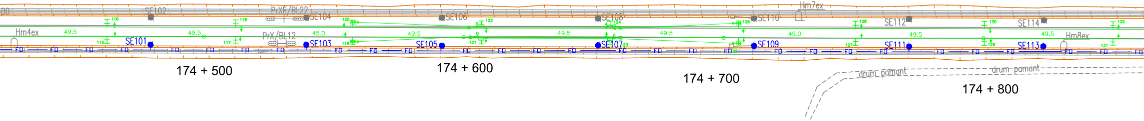

SE70
SE69
SE72
SE71
Hm6ex
SE74
SE73
Hm7ex
SE76
SE75
SE78
SE77
canton
SE80
SE79
Hm8ex
SE82
SE81
Hm9ex
SE84
SE83
FO
45.0
49.5
173 + 600
173 + 700
173 + 800
173 + 900
174 +

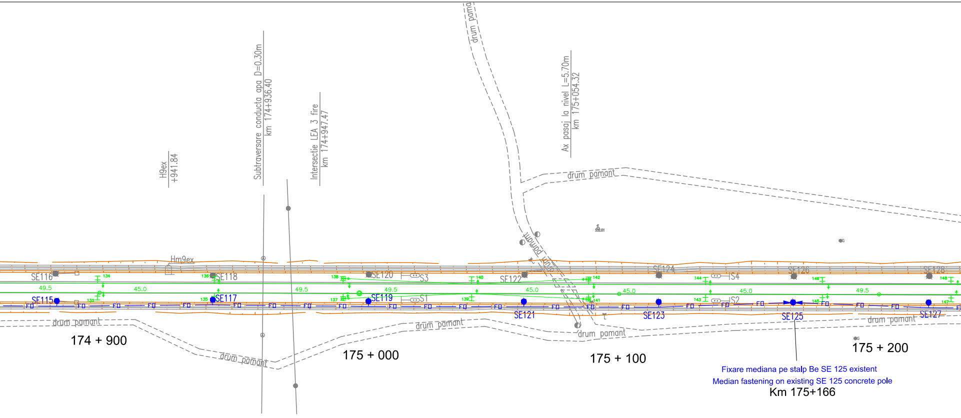
Fixare mediana pe stalp Be SE 81 existent

Median fastening on existing SE 81 concrete pole

Km 173+903


SE86
SE88
Hm1ex
SE90
SE92
SE94
SE96
Hm3ex
SE98
49.5
45.0
SE85
SE87
SE89
SE91
Hm2ex
SE93
SE95
SE97
SE99
FO
000
174 + 100
174 + 200
174 + 300
174 + 400

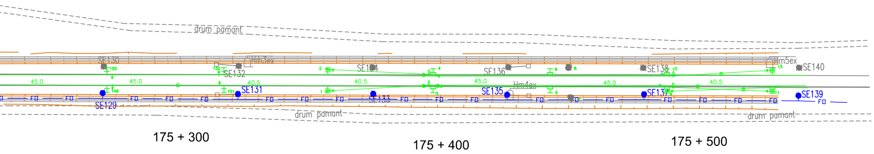

SE102
PrXF/BL22
SE104
SE106
SE108
SE110
Hm7ex
SE112
SE114
Hm4ex
116
118
120
122
124
126
128
130
132
49.5
49.5
45.0
49.5
49.5
49.5
45.0
49.5
49.5
PrX/BL12
115
117
119
121
123
125
127
129
131
SE101
SE103
SE105
SE107
SE109
SE111
SE113
Hm8ex
FO
drum pamant
drum pamant
174 + 500
174 + 600
174 + 700
174 + 800


H9ex
+941.84
Subtraversare conducta apa D=0.30m
km 174+936.40
Intersectie LEA 3 fire
km 174+947.47
Ax pasaj la nivel L=5.70m
km 175+054.32
drum pamant
drum pamant
Hm9ex
SE116
SE118
SE120
S3
SE122
SE124
S4
SE126
SE128
SE115
SE117
SE119
S1
SE121
SE123
SE125
SE127
S2
49.5
45.0
49.5
49.5
45.0
45.0
45.0
49.5
drum pamant
drum pamant
drum pamant
drum pamant
drum pamant
174 + 900
175 + 000
175 + 100
175 + 200

Fixare mediana pe stalp Be SE 125 existent

Median fastening on existing SE 125 concrete pole

Km 175+166


drum pamant
SE130
Hm3ex
SE132
SE134
SE136
SE138
Hm5ex
SE140
45.0
45.0
40.5
40.5
45.0
45.0
40.5
SE129
SE131
SE133
SE135
Hm4ex
SE137
SE139
FO
drum pamant
drum pamant
175 + 300
175 + 400
175 + 500

LEGENDA TELECOMUNICAT
TELECOMMUNICATIONS LE

Cablu FO aerian proiectat
Designed aerial OF cable

Cablu FO aerian existent
Existing aerial OF cable

Demontare cablu FO aerian existent
Dismounted existing aerial OF cable

● Stalp de beton existent care se pastreaz
Preserved existing concrete pole

Stalp de beton existent - demontat
Dismounted existing concrete pole

DESCRIEREA LUCRĂRILOR

Cablul cu fibre optice existent este instalat pe partea stângă a căii
ramificaţia în direcţia Făgăraş, respectiv pe partea dreaptă a căii f
staţia Stupini.
Pe prima porţiune cablul este afectat de demontarea stâlpilor LC c
liniei c.f. Braşov - Făgăraş.
Lucrările de protejare a cablului cu fibre optice existent se vor real

Faza 1

Operaţiile de eliberare a amplasamentului se va executa înaintea
lucrărilor de construcţii, în următoarea ordine:

a) Inserarea unei bucăţi noi de cablu cu fibre optice pe partea
ferate între capătul Y al staţiei Braşov şi stâlpul existent SE25
Cablul proiectat se va joncţiona de cel existent pe stâlpul SE2
b) Menţinerea cablului cu fibre optice pe stâlpii de beton existen
dreaptă a căii ferate între stâlpul SE25 şi staţia Stupini.
c) Demontarea cablului existent dintre staţia Braşov şi stâlpul SE
preluarea comunicaţiilor pe cablul proiectat.

DESCRIPTION OF THE WORKS

The existing fiber optic cable is installed on the left side of the rail
to the branch towards Făgăraş, respective on the right side of the
up to the Stupini station.
On the first section the cable is affected by the dismounting of trac
caused by the shiftung of the Braşov - Făgăraş track.
The protection of the existing fiber optic cable will be performed ir

1st Phase

The works on the fiber optic cable for setting free the works site n
performed before the beginning of the construction works in the fo

a) Insertion of one new fiber optic cable on the right side of the
between the Y end of Braşov station and the existing SE25 po
The designed cable will be junctioned with the existing one on
b) Retaining the fiber optic cable on the existing concrete poles
side of the railway tracks between the SE25 pole and Stupini s
c) The existing cable will be dismounted between Braşov station
pole after taking over the communications on the designed fi

TII
GEND:

a

i ferate până la
ferate până în

datorită ripării

liza în 2 faze.

începerii

dreaptă a căii
.
5.
ţi de pe partea

E25 după

way tracks up
railway tracks

ction line poles

2 phases.

must be
llowing order:
railway tracks
le .
the SE25 pole.
on the right
station.
and the SE25
bre optic cable.

Indice Index	Data Date	Modificare Modification/Revision	Proiectant Designer	Aprobat Consultant Approved Consultant	Aprobat CFR Approved CFR
D					
C					
B					
A					

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	Şef proiect Project manager	R. Liuzza		
Aprobat Approved	Coordonator Secţiune 1 Section 1 Coordinator	C. Gambelli		
Verificat Checked	Expert Verificator Checking Expert	Pino Amodio		

SUBCONTRACTANT / SUBCONTRACTOR

AREX

Aprobat Approved	Responsabil Subcontractant Subcontractor Responsible	A.Stanciu - Dinulescu	09.2011	
Întocmit Elaborated	Proiectant Designer	Stefania Archip	09.2011	

Reabilitarea liniei de cale ferata Brasov - Simeria, parte componentă a coridorului IV Pan European, pentru circulaţia trenurilor cu viteza maximă de 160 km/h,
Tronsonul : Brasov - Sighisoara
Rehabilitation of the railway line Brasov - Simeria, component Part of the IV Pan-European Corridor, for the trains circulation with maximum speed of 160 km/h,
Section : Brasov - Sighisoara

Proiect/Project
2004/RO/16/P/PA/003

Faza / Phase:
P.Th. / T.D.

Denumire desen / Drawing Title :

Mutarea si protejarea cablului FO existent - Faza 1
Plan de situatie - interval BRASOV - STUPINI Section - Layout Plan
Relocation and protection of existing OF cable - 1st Phase

Codificare / Codification System	Scara / Scale 1:1000	LOT / LOT	Nr. / No 01/ 02

E A 5 1   0 1   C   0 2   L 7   T C   0 0   5   1   0 0 1   1