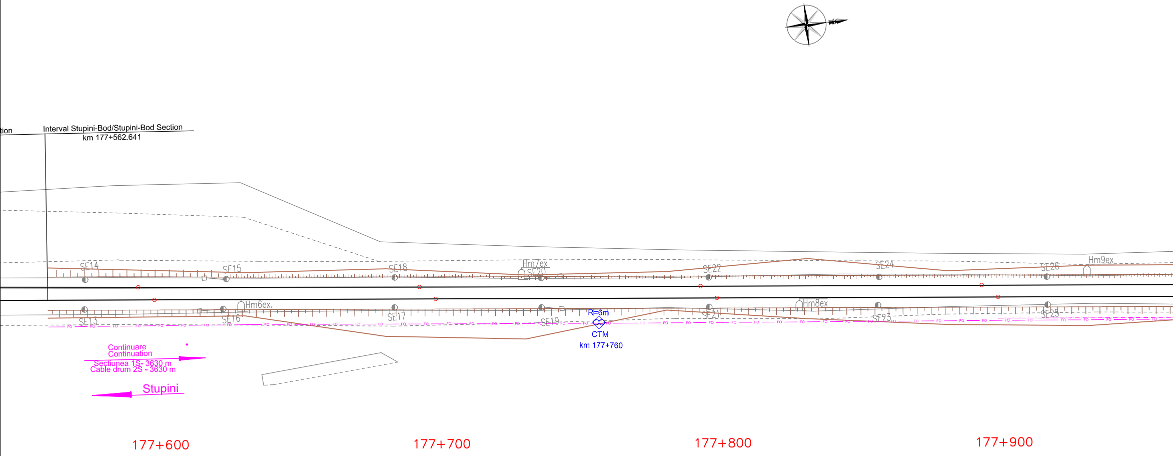
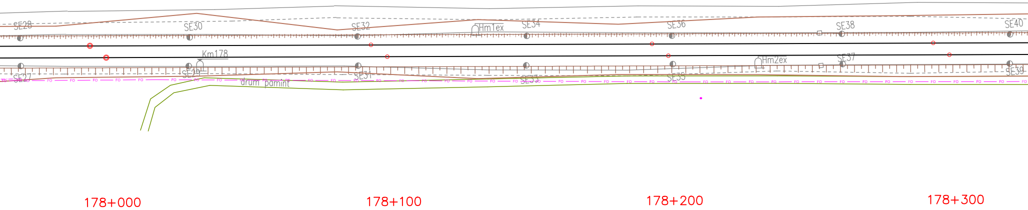
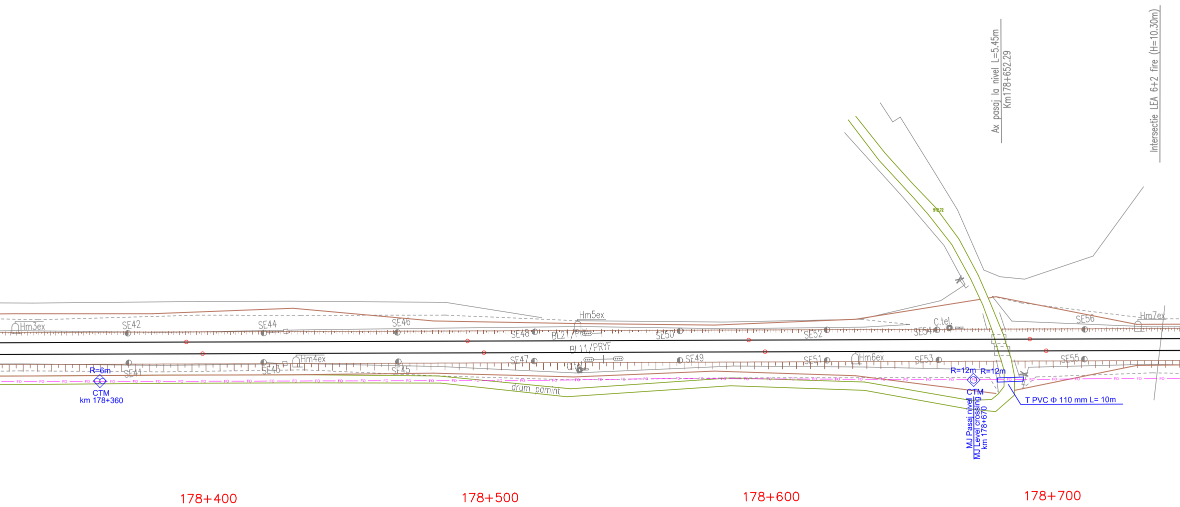
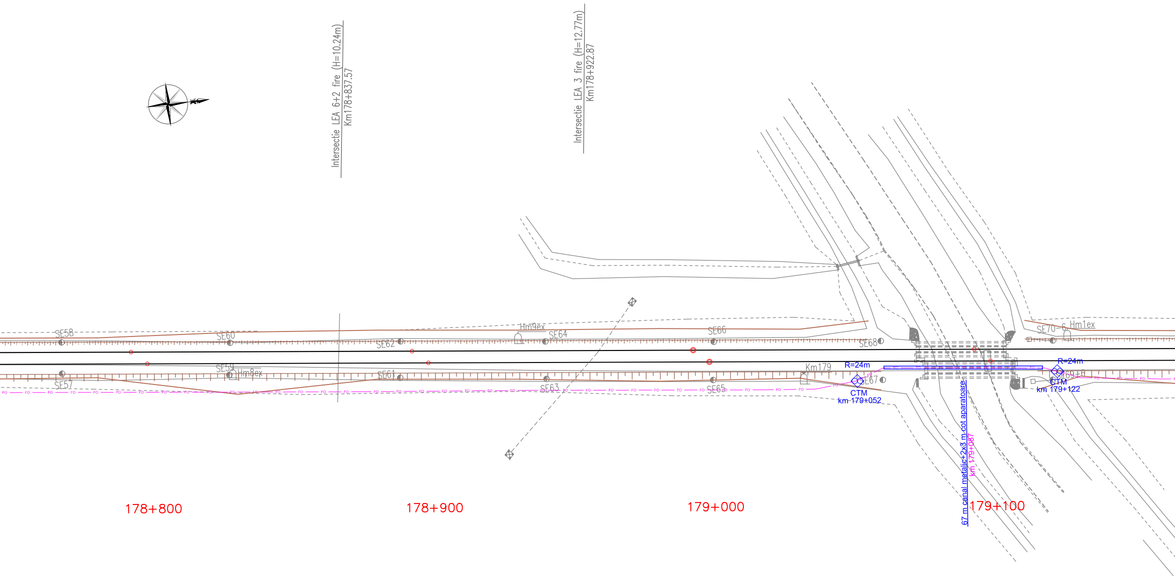
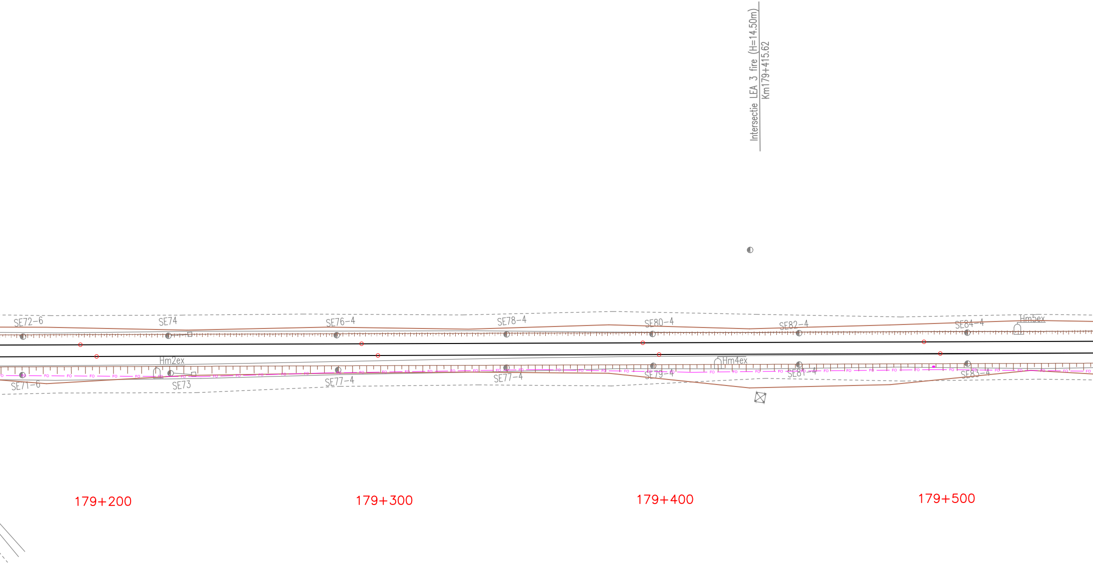
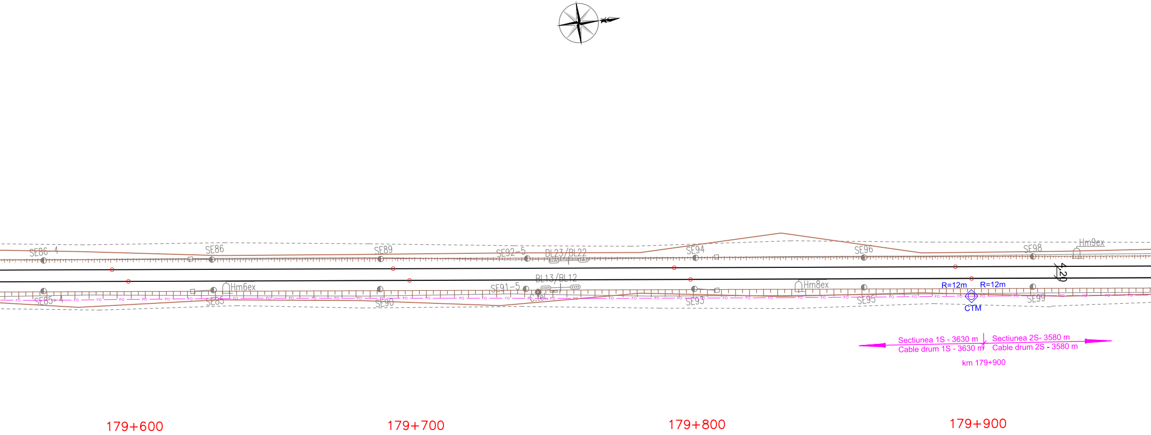

tion
Interval Stupini-Bod/Stupini-Bod Section
km 177+562.641
SE14
SE15
SE18
Hm7ex
SE20
SE22
SE24
SE26
Hm9ex
Hm6ex.
SE13
SE16
SE17
SE19
R=6m
CTM
km 177+760
SE21
Hm8ex
SE23
SE25
FO
Continuare
Continuation
Sectiunea 1S- 3630 m
Cable drum 2S - 3630 m
Stupini
177+600
177+700
177+800
177+900

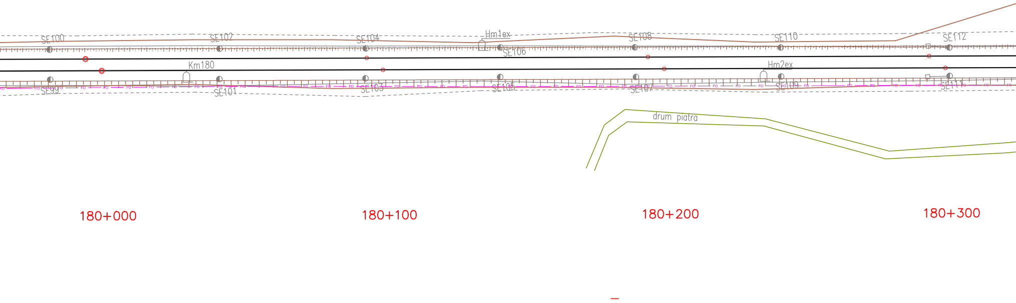

SE28
SE30
SE32
Hm1ex
SE34
SE36
SE38
SE40
Km178
Hm2ex
SE27
SE29
SE31
SE33
SE35
SE37
SE39
drum pamint
FO
178+000
178+100
178+200
178+300

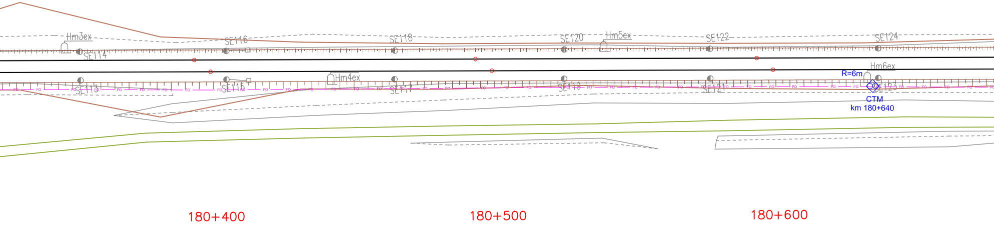

Ax pasaj la nivel L=5.45m
Km178+652.29
Intersectie LEA 6+2 fire (H=10.30m)
512.72
Hm3ex
SE42
SE44
SE46
Hm5ex
SE48
BL21/PRY
SE50
SE52
C.tel.
SE54
SE56
Hm7ex
BL11/PRYF
SE41
SE43
Hm4ex
SE45
SE47
C.tel.
SE49
SE51
Hm6ex
SE53
SE55
R=6m
CTM
km 178+360
drum pamint
R=12m
R=12m
CTM
MJ Pasaj nivel
MJ Level crossing
km 178+670
T PVC Φ 110 mm L= 10m
FO
178+400
178+500
178+600
178+700

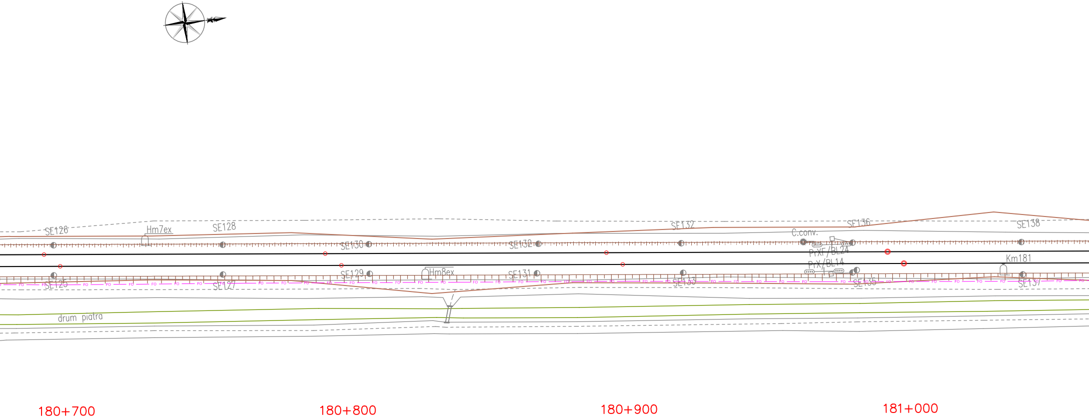

Intersectie LEA 6+2 fire (H=10.24m)
Km178+837.57
Intersectie LEA 3 fire (H=12.77m)
Km178+922.87
SE58
SE60
SE62
Hm9ex
SE64
SE66
SE68
SE70-6
Hm1ex
SE57
SE59
Hm8ex
SE61
SE63
SE65
Km179
R=24m
SE67
CTM
km 179+052
R=24m
SE69-6
CTM
km 179+122
FO
67 m canal metalic+2x3 m cot aparatoare
km 179+087
178+800
178+900
179+000
179+100

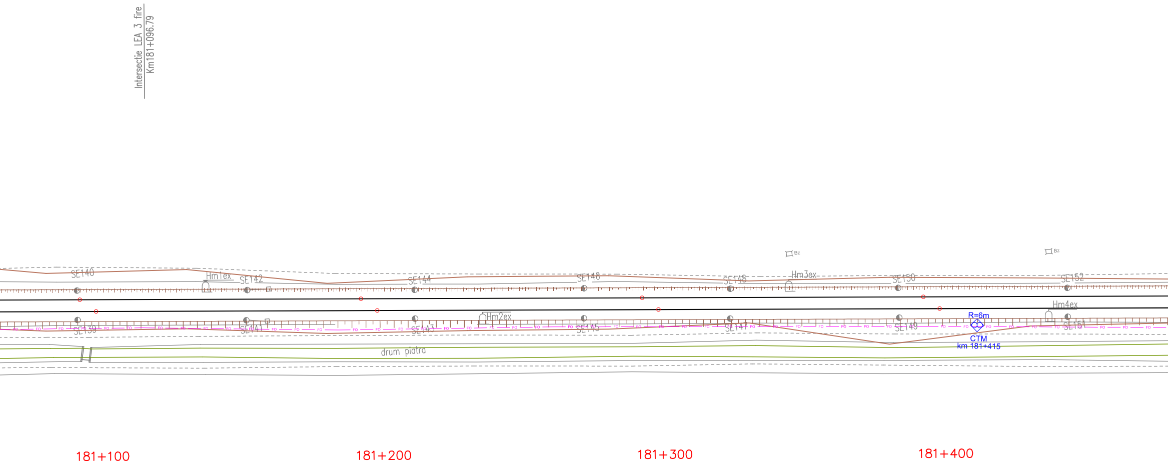

Intersectie LEA 3 fire (H=14.50m)
Km179+415.62
SE72-6
SE74
SE76-4
SE78-4
SE80-4
SE82-4
SE84-4
Hm5ex
Hm2ex
Hm4ex
SE71-6
SE73
SE77-4
SE77-4
SE79-4
SE81-4
SE83-4
FO
179+200
179+300
179+400
179+500

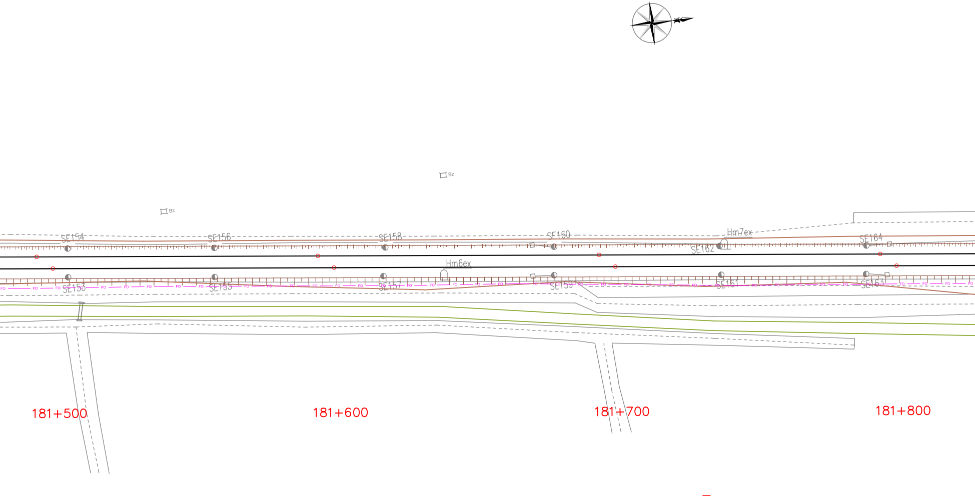

SE86-4
SE86
SE89
SE92-5
BL23/BL22
SE94
SE96
SE98
Hm9ex
4.20
BL13/BL12
Hm6ex
SE91-5
C.tel.
Hm8ex
R=12m
R=12m
SE85-4
SE85
SE90
SE93
SE95
CTM
SE99
FO
Sectiunea 1S - 3630 m
Cable drum 1S - 3630 m
Sectiunea 2S- 3580 m
Cable drum 2S - 3580 m
km 179+900
179+600
179+700
179+800
179+900

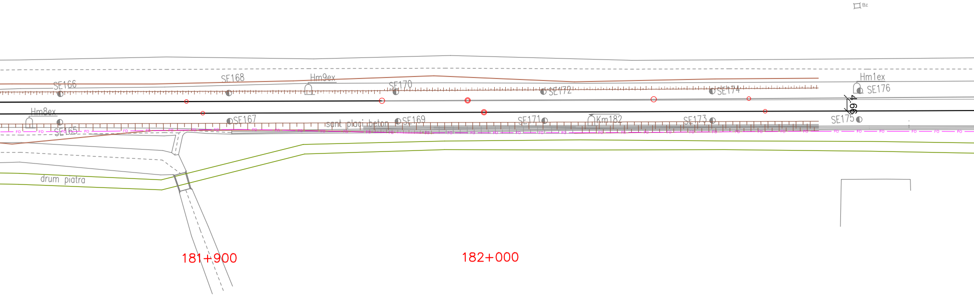

SE100
SE102
SE104
Hm1ex
SE106
SE108
SE110
SE112
Km180
Hm2ex
SE99
SE101
SE103
SE105
SE107
SE109
SE111
FO
drum piatra
180+000
180+100
180+200
180+300

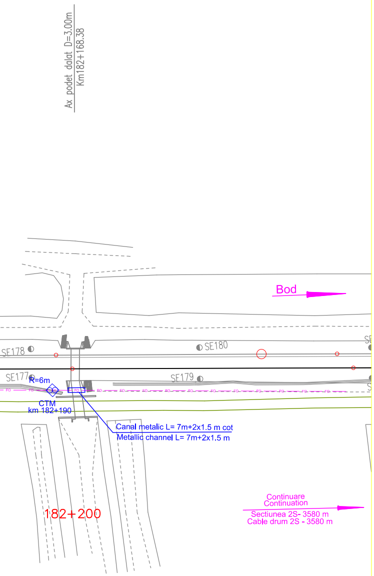

Hm3ex
SE116
SE118
SE120
Hm5ex
SE122
SE124
SE114
Hm6ex
R=6m
SE113
SE115
Hm4ex
SE117
SE119
SE121
SE123
FO
CTM
km 180+640
180+400
180+500
180+600


SE126
Hm7ex
SE128
SE130
SE132
SE132
SE136
C.conv.
SE138
PrXF/BL24
PrX/BL14
Km181
SE125
SE127
SE129
Hm8ex
SE131
SE133
SE135
SE137
FO
drum piatra
180+700
180+800
180+900
181+000


Intersectie LEA 3 fire
Km181+096.79
Bz
Bz
SE140
Hm1ex
SE142
SE144
SE146
SE148
Hm3ex
SE150
SE152
Hm4ex
Hm2ex
R=6m
SE139
SE141
SE143
SE145
SE147
SE149
SE151
FO
CTM
km 181+415
drum piatra
181+100
181+200
181+300
181+400


Bz
Bz
SE154
SE156
SE158
SE160
Hm7ex
SE162
SE164
Hm6ex
SE153
SE155
SE157
SE159
SE161
SE163
FO
181+500
181+600
181+700
181+800


Bz
SE166
SE168
Hm9ex
SE170
SE172
SE174
Hm1ex
SE176
4.66
Hm8ex
SE165
SE167
sant placi beton
SE169
SE171
Km182
SE173
SE175
FO
drum piatra
181+900
182+000


Ax podet dalat D=3.00m
Km182+168.38
Bod
SE178
SE180
SE177
R=6m
SE179
CTM
km 182+190
Canal metalic L= 7m+2x1.5 m cot
Metallic channel L= 7m+2x1.5 m
182+200
Continuare
Continuation
Sectiunea 2S- 3580 m
Cable drum 2S - 3580 m

LEGENDA
LEGEND

CTM	◇	Camereta cu mufa de jonctiune Handhole with jonction box
CTM	◇	Camereta cu rezerva Handhole with cable reserve
CT	□	Camera de tragere cu mufa de jonctiune Manhole with jonction box
CT	□	Camera de tragere cu rezerva Manhole with cable reserve
CTS	□	Camera de tragere speciala pentru subtraversare Special manhole for undercrossing
	--- FO ---	Cablu cu fibre optice subteran Underground optical fiber cable
	▭	Teava PVC Φ 110 mm / canal metalic PVC pipe Φ 110 mm / metallic chanel

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

SUBCONTRACTANT / SUBCONTRACTOR

AREX
COMPANY

Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible	A.Stanciu - Dinulescu		
Întocmit Elaborated	Proiectant Designer	Gabriela 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 STUPINI - BOD - 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 01 / 01

EA51 01 E 04 L7 SE 01 4 7 002 0