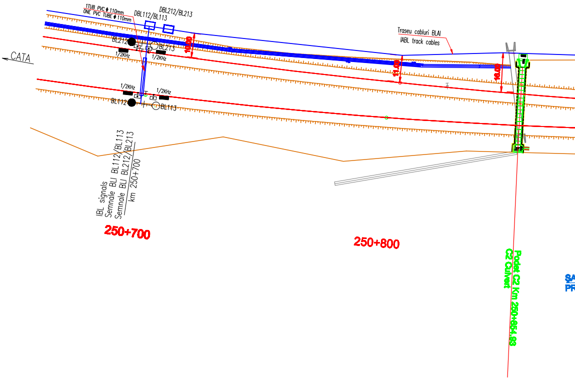
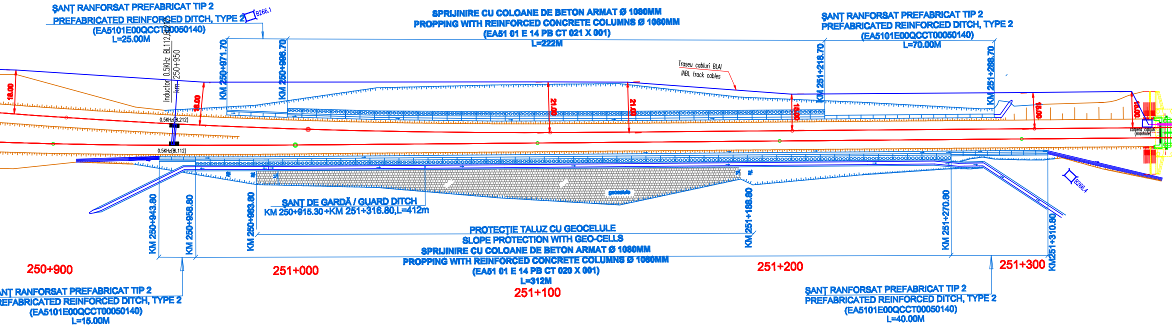
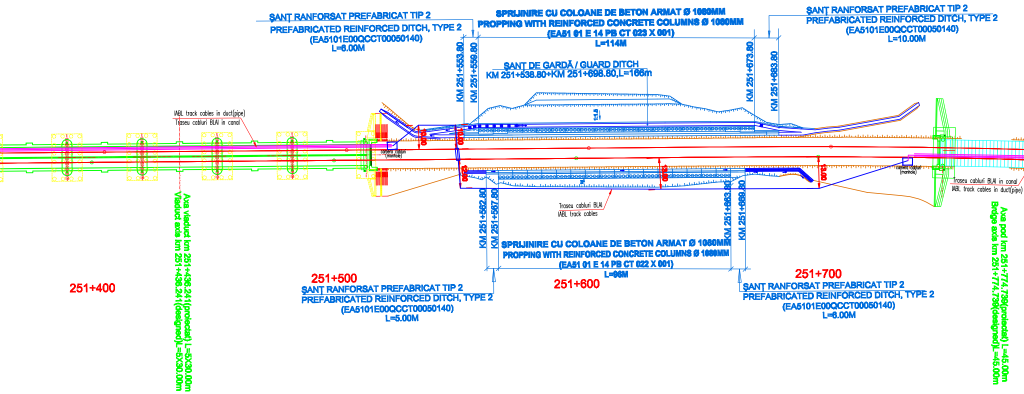
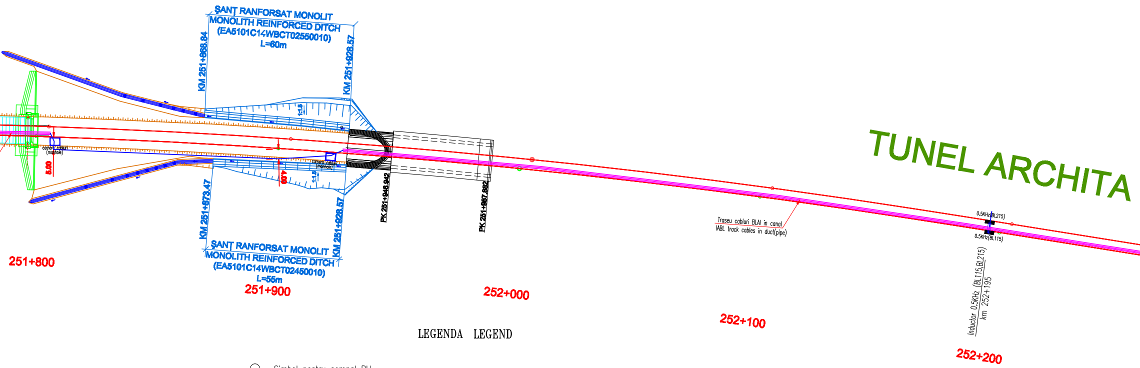

1TUB PVC ϕ 110mm
ONE PVC TUBE ϕ 110mm
DBL112/BL113
DBL212/BL213
CATA
BL212
BL213
1/2KHz
1/2KHz
10.00
1/2KHz
1/2KHz
BL112
BL113
Traseu cabluri BLAI
IABL track cables
11.00
10.00
IBL signals
Semnale BLI BL112/BL113
Semnale BLI BL212/BL213
km 250+700
250+700
250+800
Podet C2 Km 250+854.93
C2 Culvert


ŞANŢ RANFORSAT PREFABRICAT TIP 2
PREFABRICATED REINFORCED DITCH, TYPE 2
(EA5101E00QCCT00050140)
L=25.00M
B266.1
SPRIJINIRE CU COLOANE DE BETON ARMAT Ø 1080MM
PROPPING WITH REINFORCED CONCRETE COLUMNS Ø 1080MM
(EA51 01 E 14 PB CT 021 X 001)
L=222M
ŞANŢ RANFORSAT PREFABRICAT TIP 2
PREFABRICATED REINFORCED DITCH, TYPE 2
(EA5101E00QCCT00050140)
L=70.00M
Inductor 0.5KHz BL112,BL212
km 250+950
KM 250+971.70
KM 250+996.70
Traseu cabluri BLAI
IABL track cables
KM 251+218.70
KM 251+288.70
18.00
18.00
21.00
21.00
15.00
15.00
10.00
0.5KHz(BL212)
0.5KHz(BL112)
camera cabluri
(manhole)
geocelule
B266.4
ŞANŢ DE GARDĂ / GUARD DITCH
KM 250+915.30+KM 251+316.80,L=412m
KM 250+943.80
KM 250+958.80
KM 250+963.80
KM 251+188.80
KM 251+270.80
KM251+310.80
PROTECŢIE TALUZ CU GEOCELULE
SLOPE PROTECTION WITH GEO-CELLS
SPRIJINIRE CU COLOANE DE BETON ARMAT Ø 1080MM
PROPPING WITH REINFORCED CONCRETE COLUMNS Ø 1080MM
(EA51 01 E 14 PB CT 020 X 001)
L=312M
250+900
251+000
251+100
251+200
251+300
ANŢ RANFORSAT PREFABRICAT TIP 2
REFABRICATED REINFORCED DITCH, TYPE 2
(EA5101E00QCCT00050140)
L=15.00M
ŞANŢ RANFORSAT PREFABRICAT TIP 2
PREFABRICATED REINFORCED DITCH, TYPE 2
(EA5101E00QCCT00050140)
L=40.00M


ŞANT RANFORSAT PREFABRICAT TIP 2
PREFABRICATED REINFORCED DITCH, TYPE 2
(EA5101E00QCCT00050140)
L=6.00M
SPRIJINIRE CU COLOANE DE BETON ARMAT Ø 1080MM
PROPPING WITH REINFORCED CONCRETE COLUMNS Ø 1080MM
(EA51 01 E 14 PB CT 023 X 001)
L=114M
ŞANT RANFORSAT PREFABRICAT TIP 2
PREFABRICATED REINFORCED DITCH, TYPE 2
(EA5101E00QCCT00050140)
L=10.00M
KM 251+553.80
KM 251+559.80
ŞANT DE GARDĂ / GUARD DITCH
KM 251+538.80+KM 251+698.80,L=166m
KM 251+673.80
KM 251+683.80
1:1.5
IABL track cables in duct(pipe)
Traseu cabluri BLAI in canal
camera cabluri (manhole)
10.00
10.00
12.00
13.00
13.00
camera cabluri (manhole)
Traseu cabluri BLAI in canal
IABL track cables in duct(pipe)
Traseu cabluri BLAI
IABL track cables
KM 251+562.80
KM 251+567.80
KM 251+663.80
KM 251+669.80
Axa viaduct km 251+436.241(proiectat) L=5X30.00m
Viaduct axis km 251+436.241(designed)L=5X30.00m
SPRIJINIRE CU COLOANE DE BETON ARMAT Ø 1080MM
PROPPING WITH REINFORCED CONCRETE COLUMNS Ø 1080MM
(EA51 01 E 14 PB CT 022 X 001)
L=96M
251+400
251+500
ŞANT RANFORSAT PREFABRICAT TIP 2
PREFABRICATED REINFORCED DITCH, TYPE 2
(EA5101E00QCCT00050140)
L=5.00M
251+600
251+700
ŞANT RANFORSAT PREFABRICAT TIP 2
PREFABRICATED REINFORCED DITCH, TYPE 2
(EA5101E00QCCT00050140)
L=6.00M
Axa pod km 251+774.739(proiectat) L=45.00m
Bridge axis km 251+774.739(designed)L=45.00m


ŞANŢ RANFORSAT MONOLIT
MONOLITH REINFORCED DITCH
(EA5101C14WBCT02550010)
L=60m
KM 251+868.84
KM 251+928.57
camera cabluri (manhole)
5.00
4.00
1:1.5
1:1.5
KM 251+873.47
KM 251+928.57
ŞANŢ RANFORSAT MONOLIT
MONOLITH REINFORCED DITCH
(EA5101C14WBCT02450010)
L=55m
PK 251+946.942
PK 251+987.882
TUNEL ARCHITA
Traseu cabluri BLAI in canal
IABL track cables in duct(pipe)
0.5KHz(BL215)
0.5KHz(BL115)
Inductor 0.5KHz (BL115,BL215)
km 252+195
251+800
251+900
252+000
252+100
252+200

LEGENDA LEGEND

Simbol pentru semnal BLI
Symbol for IBL signal

3
8
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 IBL

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

Cablu BLA proiectat in sapatura
Projected ABL cable in ditch

Cablu BLA proiectat in tuburi PVC
Projected ABL cable in PVC pipes

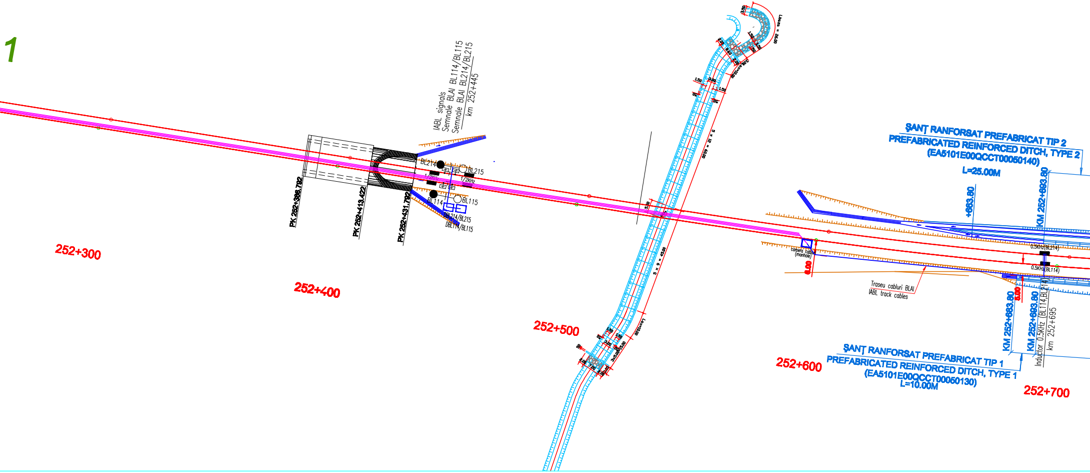
Cablu BLA proiectat in canal
Projected ABL cable in duct

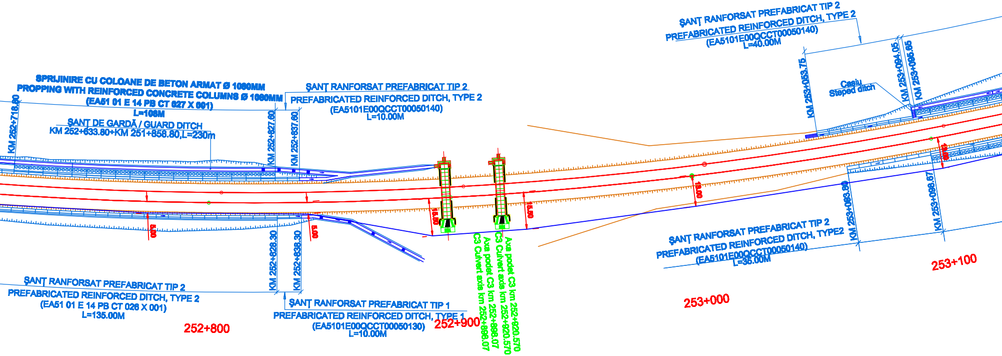
Bobina de joanta–cap alimentare
Impedance bond–supply end

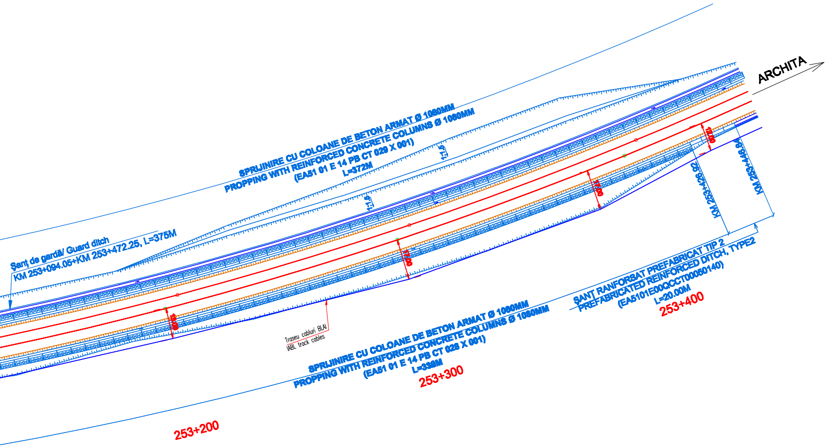
Bobina de joanta–cap receptie
Impedance bond–receiving end

Joante izolante
Insulated joints

Dulap semnal
Signal cabin


1
IABL signals
Semnale BLAI BL114/BL115
Semnale BLAI BL214/BL215
km 252+445
PK 252+398.792
PK 252+413.422
PK 252+431.792
BL214
BL215
1/2KHz
BL114
BL115
DBL214/BL215
DBL114/BL115
252+300
252+400
252+500
252+600
252+700
5 x 9 = 45.00
ŞANŢ RANFORSAT PREFABRICAT TIP 2
PREFABRICATED REINFORCED DITCH, TYPE 2
(EA5101E00QCCT00050140)
L=25.00M
+683.80
KM 252+693.80
camera cabluri
(manhole)
8.00
Traseu cabluri BLAI
IABL track cables
0.5KHz(BL214)
0.5KHz(BL114)
KM 252+683.80
KM 252+693.80
Inductor 0.5KHz (BL114,BL214)
km 252+695
ŞANŢ RANFORSAT PREFABRICAT TIP 1
PREFABRICATED REINFORCED DITCH, TYPE 1
(EA5101E00QCCT00050130)
L=10.00M


SPRIJINIRE CU COLOANE DE BETON ARMAT Ø 1080MM
PROPPING WITH REINFORCED CONCRETE COLUMNS Ø 1080MM
(EA51 01 E 14 PB CT 027 X 001)
L=108M
KM 252+718.80
ŞANT DE GARDĂ / GUARD DITCH
KM 252+633.80+KM 251+858.80,L=230m
KM 252+827.60
KM 252+837.60
ŞANŢ RANFORSAT PREFABRICAT TIP 2
PREFABRICATED REINFORCED DITCH, TYPE 2
(EA5101E00QCCT00050140)
L=10.00M
5.00
5.00
15.50
15.50
KM 252+828.30
KM 252+838.30
ŞANŢ RANFORSAT PREFABRICAT TIP 2
PREFABRICATED REINFORCED DITCH, TYPE 2
(EA51 01 E 14 PB CT 026 X 001)
L=135.00M
ŞANŢ RANFORSAT PREFABRICAT TIP 1
PREFABRICATED REINFORCED DITCH, TYPE 1
(EA5101E00QCCT00050130)
L=10.00M
252+800
252+900
Axa podet C3 km 252+920.570
C3 Culvert axis km 252+920.570
Axa podet C3 km 252+898.07
C3 Culvert axis km 252+898.07
ŞANŢ RANFORSAT PREFABRICAT TIP 2
PREFABRICATED REINFORCED DITCH, TYPE 2
(EA5101E00QCCT00050140)
L=40.00M
KM 253+053.75
Casiu
Steped ditch
KM 253+094.05
KM 253+095.65
18.00
KM 253+063.80
KM 253+098.67
ŞANŢ RANFORSAT PREFABRICAT TIP 2
PREFABRICATED REINFORCED DITCH, TYPE2
(EA5101E00QCCT00050140)
L=35.00M
253+000
253+100


ARCHITA
SPRIJINIRE CU COLOANE DE BETON ARMAT Ø 1080MM
PROPPING WITH REINFORCED CONCRETE COLUMNS Ø 1080MM
(EA51 01 E 14 PB CT 029 X 001)
L=372M
1:1,5
1:1,5
Șanț de gardă/ Guard ditch
KM 253+094.05+KM 253+472.25, L=375M
17.00
17.00
17.00
KM 253+426.92
KM 253+446.94
Traseu cabluri BLAI
IABL track cables
SPRIJINIRE CU COLOANE DE BETON ARMAT Ø 1080MM
PROPPING WITH REINFORCED CONCRETE COLUMNS Ø 1080MM
(EA51 01 E 14 PB CT 028 X 001)
L=339M
253+300
ȘANT RANFORSAT PREFABRICAT TIP 2
PREFABRICATED REINFORCED DITCH, TYPE2
(EA5101E00QCCT00050140)
L=20.00M
253+400
253+200

Indice Index	Data Date	Modificare Modification/Revision	Proiectant Designer
D			
C			
B			
A			

GUVERNUL ROMANIEI
ROMANIAN GOVERNMENT

PROIECT FINANȚAT DE UNIU
EUROPEAN UNION FINAN

CLIENT / CLIENT

CFR

ITALFERR
GRUPPO FERROVIE DELLO STATO
Joint Venture leader

Scott Wilson

OBERM
PLANEN + BERA

CONSULTANT / CONSULTANT

Aprobat Approved	Șef proiect Project manager	R. Liuzza
Aprobat Approved	Coordonator Secțiune 1 Section 1 Coordinator	C. Gambelli
Verificat Checked	Expert Cheie Key Expert	P. Amodio

SUBCONTRACTANT / SUBCONTRACTOR

AREX COMPANY

Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible	A. Stanciu - Dinulescu
Întocmit Elaborated	Proiectant Designer	Marius Holbură

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

Denumire desen / Drawing Title :

Statia / Station Archita
Plan de situație - Interval Cața
Layout - Cața-Archita Se
Instalatii BLAI / IABL Installa
km 250+700 - km 253+40

Codificare / Codification System

Scara / Scale
1:1000

E	A	5	1		0	1		C		1	4		L	7		S	E		0	1

(3050x297)

Aprobat Consultant Approved Consultant	Aprobat CFR Approved CFR

UNEA EUROPEANĂ
NCED PROJECT

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

EYER
ATEN GmbH

TECNIC
Consulting Engineers

	Data Date	Semnătură Signature
	12.2011	
	12.2011	
	12.2011	
	12.2011	
	12.2011	Holen

a coridorului
160 km/h,
Pan-European

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

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

-Archita
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ations
0

	LOT / LOT	Nr. / No 01 / 02
4	2	0 0 1	2