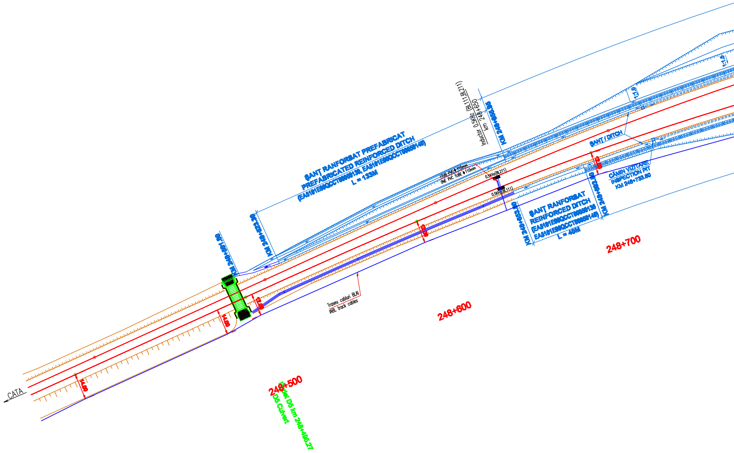
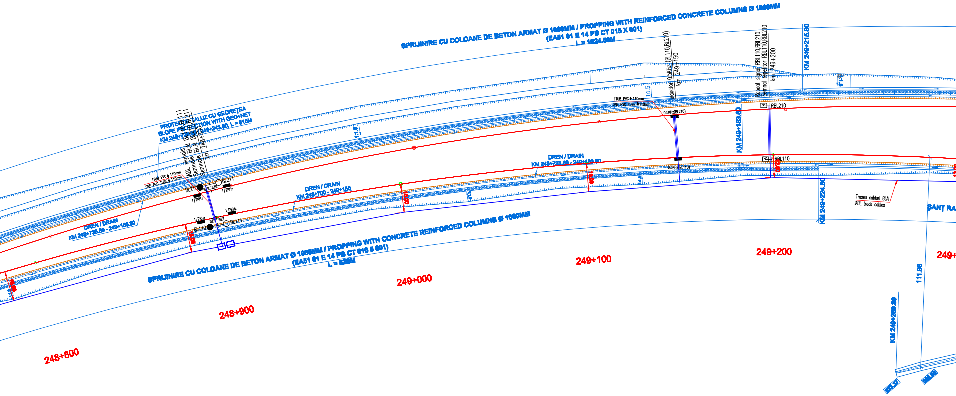
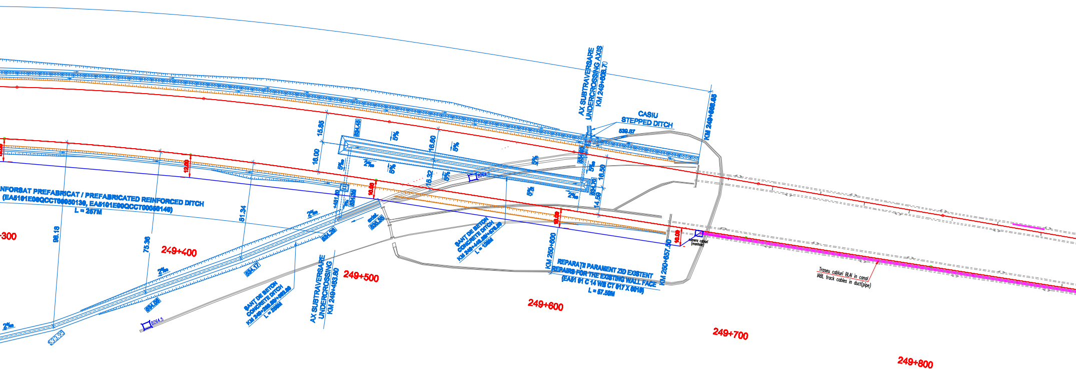

ŞANȚ RANFORSAT PREFABRICAT
PREFABRICATED REINFORCED DITCH
(EA5101E90QCCT00059136, EA5101E90QCCT00059140)
L = 133M
Inductor 0.5KHz (BL111,BL211)
km 248+650
KM 248+655.98
KM 248+522.36
KM 248+491.98
1 HUB PVC ϕ 110mm
ONE PVC TUBE ϕ 110mm
0.5KHz(BL211)
0.5KHz(BL111)
ŞANȚ / DITCH
1:1.5
CĂMIN VIZITARE
INSPECTION PIT
KM 248+733.80
ŞANȚ RANFORSAT
REINFORCED DITCH
(EA5101E90QCCT00059136
EA5101E90QCCT00059140)
L = 40M
KM 248+653.40
KM 248+693.40
Traseu cabluri BLAI
IABL track cables
248+400
248+500
248+600
248+700
Podet D5 km 248+495.27
D5 Culvert
CATA


SPRIJINIRE CU COLOANE DE BETON ARMAT Ø 1080MM / PROPPING WITH REINFORCED CONCRETE COLUMNS Ø 1080MM
(EA51 01 E 14 PB CT 015 X 001)
L = 1024.59M
PROTECTIE TALUZ CU GEORETEA
SLOPE PROTECTION WITH GEO+NET
KM 248+728.80 - 249+243.80, L = 515M
IABL signals BL110,BL111
Semnale BLAI BL210,BL211
Semnale BLAI
km 248+900
1TUB PVC ɸ 110mm
ONE PVC TUBE ɸ 110mm
BL210
BL211
1/2KHz
BL110
BL111
DREN / DRAIN
KM 248+733.80 - 249+183.80
DREN / DRAIN
KM 248+700 - 249+150
DREN / DRAIN
KM 248+733.80 - 249+183.80
1:1.5
SPRIJINIRE CU COLOANE DE BETON ARMAT Ø 1080MM / PROPPING WITH CONCRETE REINFORCED COLUMNS Ø 1080MM
(EA51 01 E 14 PB CT 016 5 001)
L = 520M
Inductor 0.5KHz (BL110,BL210)
km 249+150
0.5KHz(BL210)
0.5KHz(BL110)
Repeat signal RBL110,RBL210
Semnal repetitor RBL110,RBL210
km 249+200
RBL210
RBL110
KM 249+183.80
KM 249+215.80
KM 249+224.50
Traseu cabluri BLAI
IABL track cables
ȘANȚ RA
111.98
KM 249+268.90
248+800
248+900
249+000
249+100
249+200
249+


ANFORSAT PREFABRICAT / PREFABRICATED REINFORCED DITCH
(EA5101E00QCCT00050130, EA5101E00QCCT00050140)
L = 257M
-300
249+400
249+500
249+600
249+700
249+800
98.18
75.36
51.34
15.85
16.00
16.60
15.32
16.50
14.50
12.50
10.60
10.08
533.95
534.45
534.17
534.28
535.36
B264.5
B264.7
SANT DE BETON
CONCRETE DITCH
L = 258M
AX SUBTRAVERSARE
UNDERCROSSING
KM 249+483.80
SANT DE BETON
CONCRETE DITCH
L = 128M
AX SUBTRAVERSARE
UNDERCROSSING AXIS
KM 249+608.70
CASIU
STEPPED DITCH
KM 249+666.85
KM 250+600
KM 250+657.50
REPARAȚII PARAMENT ZID EXISTENT
REPAIRS FOR THE EXISTING WALL FACE
L = 57.50M
camera cabluri (manhole)
Traseu cabluri BLAI in canal
IABL track cables in duct(pipe)
5%
2‰

LEGENDA LEGEND

Simbol pentru semnal BLI
Symbol for IBL signal

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

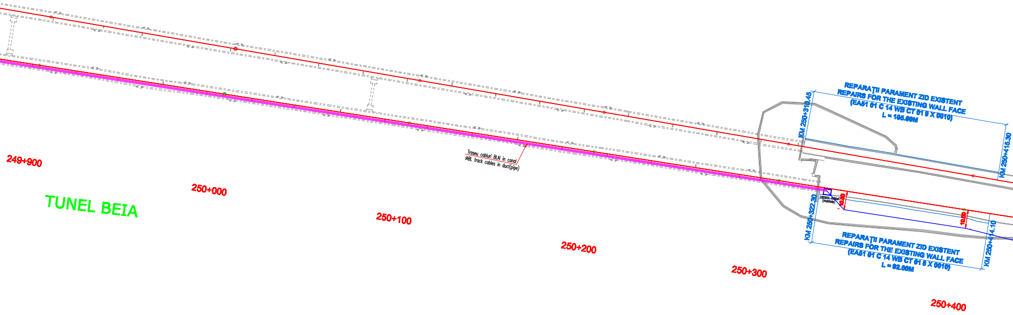
Cablu BLA proiectat in canal
Projected ABL cable in duct

Bobina de joanta–cap alimentare
Impedance bond–supply end

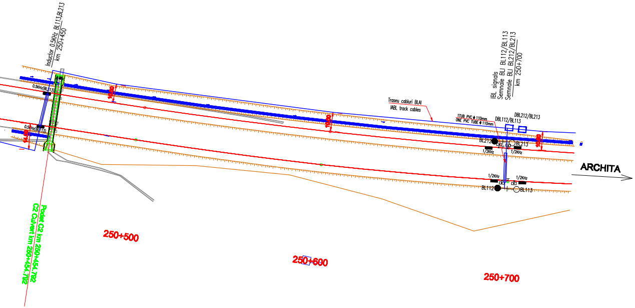
Bobina de joanta–cap receptie
Impedance bond–receiving end

Joante izolante
Insulated joints

Dulap semnal
Signal cabin



REPARAȚII PARAMENT ZID EXISTENT
REPAIRS FOR THE EXISTING WALL FACE
(EA51 01 C 14 WB CT 01 9 X 0010)
L = 105.00M
KM 250+310.45
KM 250+415.30
249+900
250+000
TUNEL BEIA
250+100
Traseu cabluri BLAI in canal
IABL track cables in duct(pipe)
250+200
250+300
camera cabluri
(manhole)
10.00
10.00
KM 250+322.30
KM 250+414.10
REPARAȚII PARAMENT ZID EXISTENT
REPAIRS FOR THE EXISTING WALL FACE
(EA51 01 C 14 WB CT 01 8 X 0010)
L = 92.00M
250+400


Inductor 0.5KHz BL113,BL213
km 250+450
0.5KHz(BL213)
0.5KHz(BL113)
Traseu cabluri BLAI
IABL track cables
1TUB PVC ϕ 110mm
ONE PVC TUBE ϕ 110mm
IBL signals
Semnale BLI BL112/BL113
Semnale BLI BL212/BL213
km 250+700
DBL112/BL113
DBL212/BL213
BL212
BL213
BL112
BL113
1/2KHz
1/2KHz
1/2KHz
1/2KHz
ARCHITA
Podet C2 km 250+454.782
C2 Culvert km 250+454.782
250+500
250+600
250+700

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 FINANȚAT 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
Consulting Engineers

CONSULTANT / CONSULTANT

			Data Date	Semnătură Signature
Aprobat Approved	Şef proiect Project manager	R. Liuzza	12.2011	
Aprobat Approved	Coordonator Secțiune 1 Section 1 Coordinator	C. Gambelli	12.2011	
Verificat Checked	Expert Cheie Key Expert	P. Amodio	12.2011	

SUBCONTRACTANT / SUBCONTRACTOR

AREX COMPANY

Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible	A. Stanciu - Dinulescu	12.2011	
Întocmit Elaborated	Proiectant Designer	Marius Holbură	12.2011	Holen

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

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

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

Denumire desen / Drawing Title :

Statia / Station Cața
Plan de situație - Interval Cața-Archita
Layout - Cața-Archita Section
Instalatii BLAI / IABL Installations
km 248+400 - km 250+700

Codificare / Codification System	Scara / Scale 1:1000	LOT / LOT	Nr. / No 06 / 06

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

(2600x420)