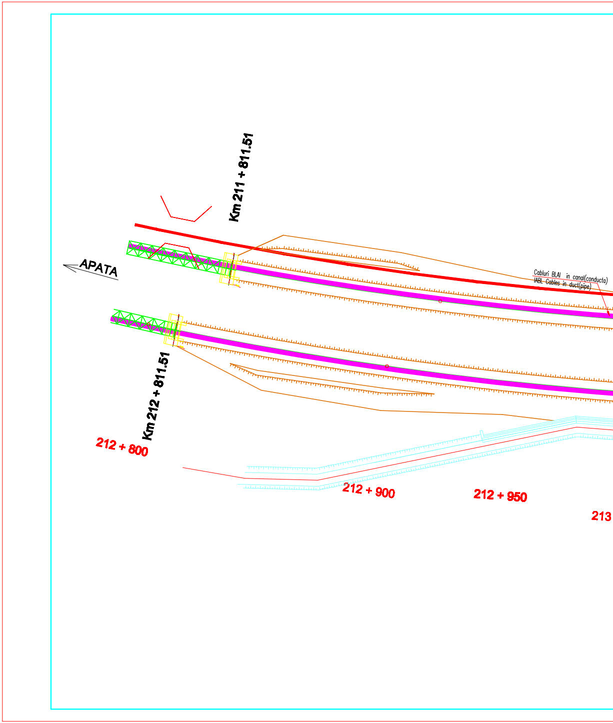
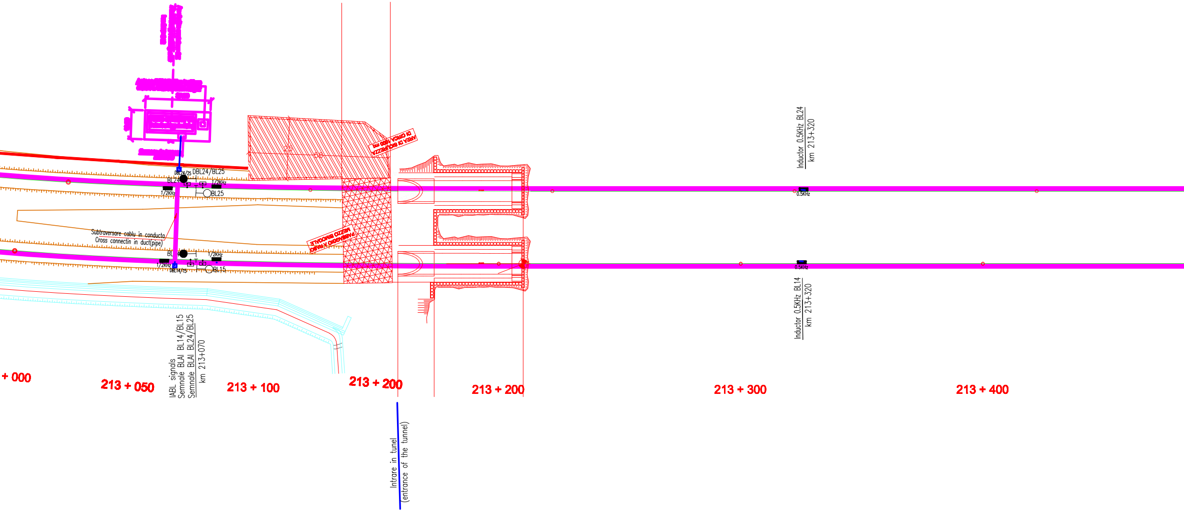
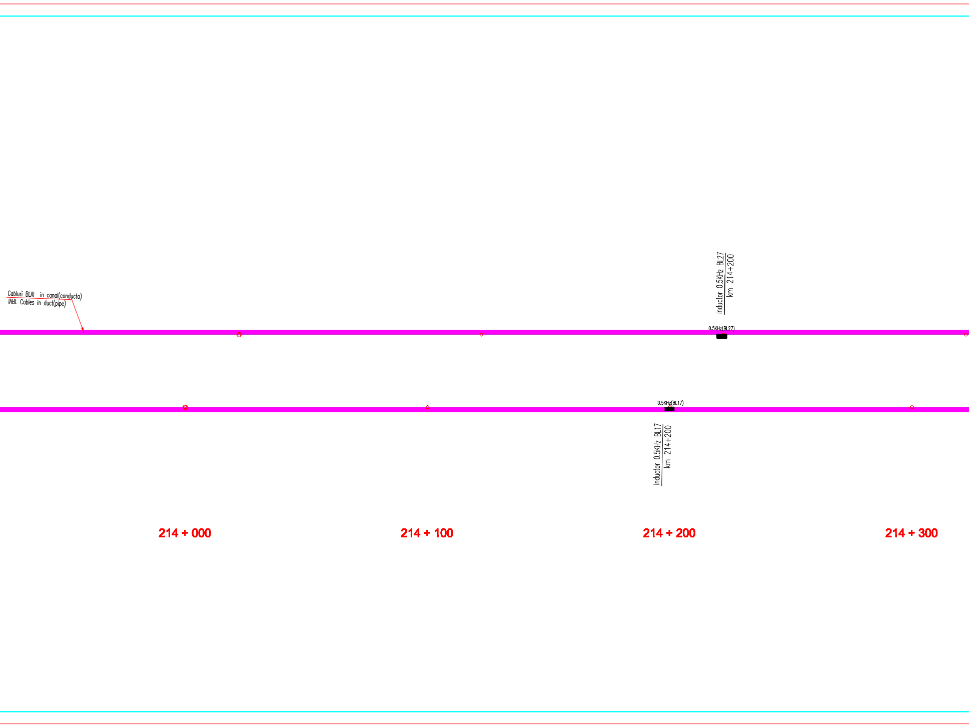
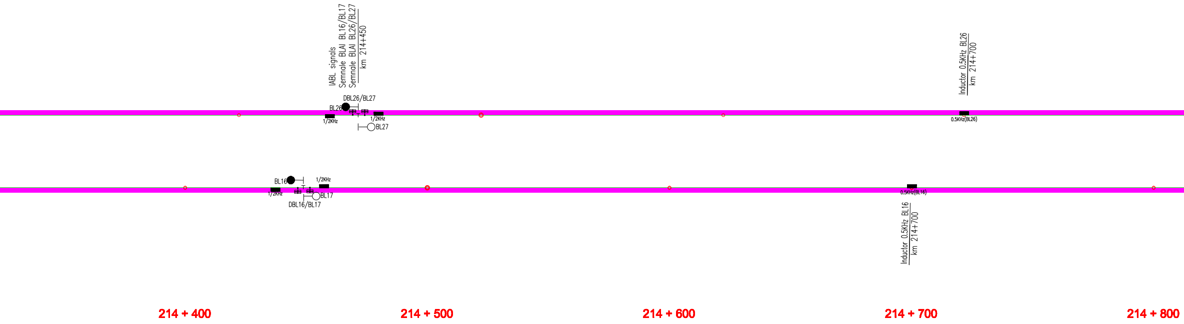

Km 211 + 811.51
APATA
Cabluri BLAI in canal(conducta)
IABL Cables in duct(pipe)
Km 212 + 811.51
212 + 800
212 + 900
212 + 950
213


DBL24/25
DBL24/BL25
BL24
1/2KHz
1/2KHz
BL25
Subtraversare cablu in conducta
Cross connectin in duct(pipe)
BL14
1/2KHz
1/2KHz
DBL14/15
BL15
AREA DI SICUREZZA DI CIRCA 1800 mq
PASSAGGIO X RASO MEZZO BIMODALE
25
58
IABL signals
Semnale BLAI BL14/BL15
Semnale BLAI BL24/BL25
km 213+070
Inductor 0.5KHz BL24
km 213+320
0.5KHz
0.5KHz
Inductor 0.5KHz BL14
km 213+320
Intrare in tunel
(entrance of the tunnel)
+ 000
213 + 050
213 + 100
213 + 200
213 + 200
213 + 300
213 + 400

213 + 500
213 + 600
213 + 700
213 + 800
213 + 900


Cabluri BLAI in canal(conducta)
IABL Cables in duct(pipe)
Inductor 0.5KHz BL27
km 214+200
0.5KHz(BL27)
0.5KHz(BL17)
Inductor 0.5KHz BL17
km 214+200
214 + 000
214 + 100
214 + 200
214 + 300


IABL signals
Semnale BLAI BL16/BL17
Semnale BLAI BL26/BL27
km 214+450
DBL26/BL27
BL26
1/2KHz
1/2KHz
BL27
Inductor 0.5KHz BL26
km 214+700
0.5KHz(BL26)
BL16
1/2KHz
1/2KHz
BL17
DBL16/BL17
0.5KHz(BL16)
Inductor 0.5KHz BL16
km 214+700
214 + 400
214 + 500
214 + 600
214 + 700
214 + 800

214 + 900
215 + 000
215 + 100
215 + 200

LEGENDA LEGEND

Simbol pentru semnal BLA
Symbol for ABL 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

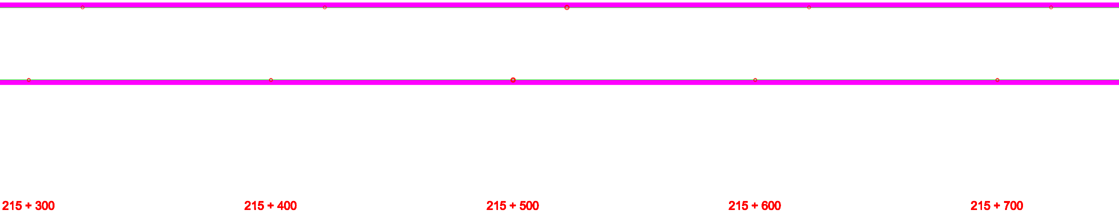
Semnal repetitor
Repeater signal for ABL

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


215 + 300
215 + 400
215 + 500
215 + 600
215 + 700

Cablu BLA proiectat in sapatura
Projected ABL cable in ditch

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

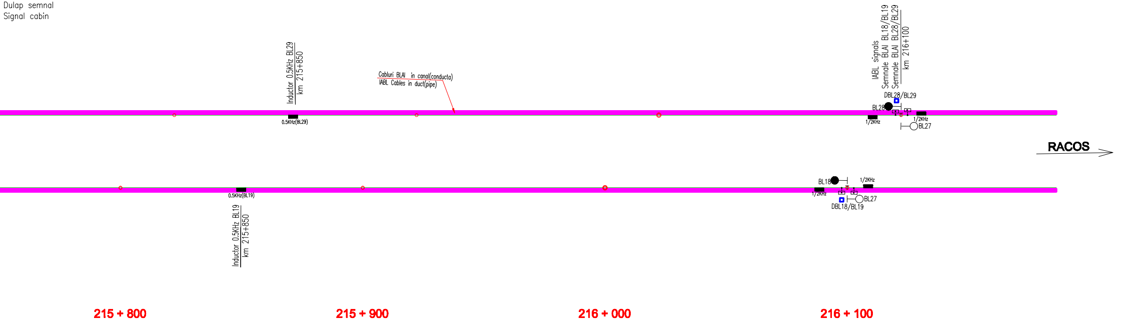
Cablu BLA proiectat in canal
Projected ABL cable in duct

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


Inductor 0.5KHz BL29
km 215+850
0.5KHz(BL29)
Cabluri BLAI in canal(conducta)
IABL Cables in duct(pipe)
IABL signals
Semnale BLAI BL18/BL19
Semnale BLAI BL28/BL29
km 216+100
DBL28/BL29
BL28
1/2KHz
1/2KHz
BL27
RACOS
BL18
1/2KHz
1/2KHz
BL27
DBL18/BL19
0.5KHz(BL19)
Inductor 0.5KHz BL19
km 215+850
215 + 800
215 + 900
216 + 000
216 + 100

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

CFR

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

CLIENT / CLIENT

ITALFERR
GRUPPO FERROVIE DELLO STATO
Joint Venture leader

Scott Wilson

OBERMEYER
PLANEN + BERATEN GmbH

TECNIC
Consulting Engineers

CONSULTANT / CONSULTANT			Data Date	Semnătură Signature
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Aprobat Approved	Coordonator Sectiune 1 Section 1 Coordinator	C. Gambelli	[illegible]	
Verificat Checked	Expert Cheie Key Expert	P. Amodio	[illegible]	

SUBCONTRACTANT / SUBCONTRACTOR

AREX COMPANY

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

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 :

Statia / Station Apata
Plan de situaţie - Interval Apata-Racos
Layout - Apata-Racos Section
Instalatii BLAI / IABL Installations
km 212+800 - km 216+100

Codificare / Codification System	Scara / Scale 1:1000	LOT / LOT	Nr. / No 04 / 04

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

(3700x297)