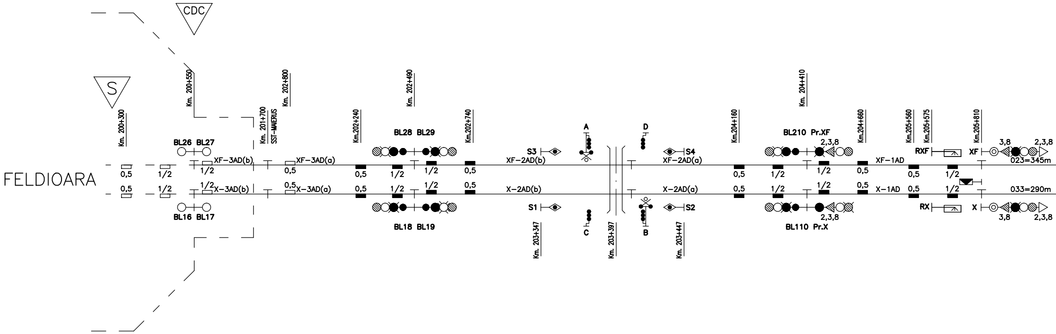
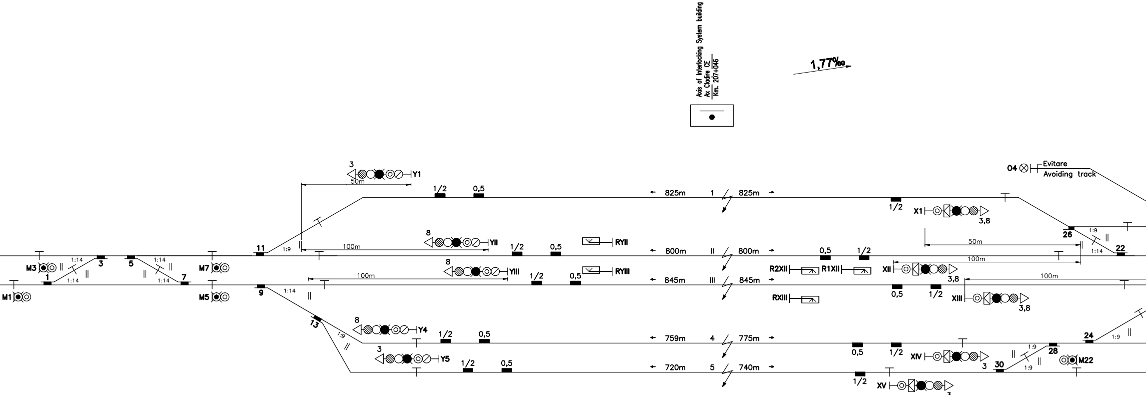
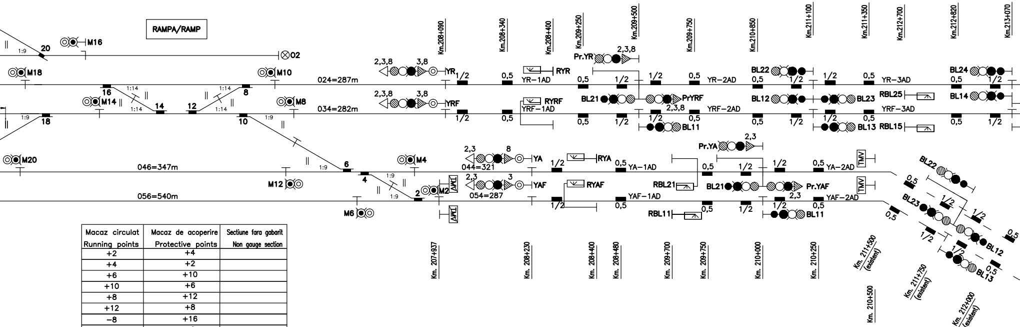
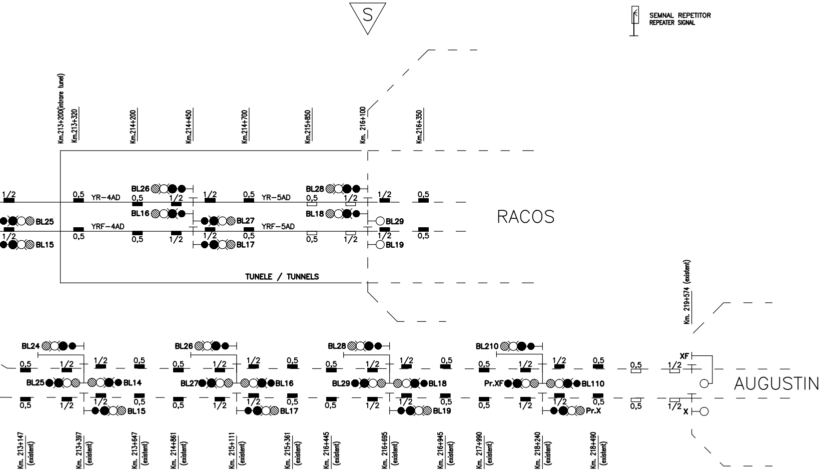

FELDIOARA
CDC
S
Km. 200+300
Km. 200+550
Km. 201+700
SST-MAIERUS
Km. 202+800
Km.202+240
Km. 202+490
Km.202+740
BL26 BL27
BL16 BL17
XF-3AD(b)
X-3AD(b)
XF-3AD(a)
X-3AD(a)
0,5
1/2
BL28 BL29
BL18 BL19
XF-2AD(b)
X-2AD(b)
S3
S1
A
C
D
B
S4
S2
Km. 203+347
Km. 203+397
Km. 203+447
XF-2AD(a)
X-2AD(a)
Km.204+160
Km. 204+410
Km.204+660
BL210 Pr.XF
BL110 Pr.X
2,3,8
XF-1AD
X-1AD
Km.205+560
Km.205+575
Km.205+810
RXF
RX
XF
X
3,8
023=345m
033=290m


Axis of Interlocking System building
Ax Cladire CE
Km. 207+046
1,77‰
O4
Evitare
Avoiding track
3
Y1
50m
1/2
0,5
← 825m
1
825m →
1/2
X1
3,8
26
1:9
22
1:14
50m
100m
11
1:9
100m
8
YII
1/2
0,5
RYII
← 800m
II
800m →
0,5
1/2
R2XII
R1XII
XII
3,8
8
YIII
1/2
0,5
RYIII
← 845m
III
845m →
100m
RXIII
0,5
1/2
XIII
3,8
M3
1:14
3
5
1:14
M7
1
1:14
1:14
7
M1
M5
9
1:14
13
1:9
8
Y4
1/2
0,5
← 759m
4
775m →
0,5
1/2
XIV
3
24
1:9
28
1:9
M22
3
Y5
1/2
0,5
← 720m
5
740m →
1/2
XV
3
30
1:9

Macaz circulat Running points	Macaz de acoperire Protective points	Sectiune fara gabarit Non gauge section
+1	+3	
−1	+7	
+3	+1	
+5	+7	
+7	+5	
−7	+1	


RAMPA/RAMP
1:9
20
M16
02
M18
M10
16
1:14
M14
14
12
8
M8
18
10
024=287m
034=282m
M20
046=347m
6
4
M12
M4
2
M2
M6
056=540m
TMV
2,3,8
3,8
YR
YRF
Km.208+090
Km.208+340
Km.208+400
Km.209+250
Km.209+500
Km.209+750
Km.210+850
Km.211+100
Km.211+350
Km.212+700
Km.212+820
Km.213+070
1/2
0,5
RYR
YR-1AD
RYRF
YRF-1AD
Pr.YR
BL21
PrYRF
BL11
YR-2AD
YRF-2AD
BL22
BL12
BL23
BL13
RBL25
RBL15
YR-3AD
YRF-3AD
BL24
BL14
2,3
8
YA
044=321
3
YAF
054=287
RYA
YA-1AD
RYAF
YAF-1AD
Pr.YA
RBL21
RBL11
Pr.YAF
YA-2AD
YAF-2AD
Km. 207+937
Km. 208+230
Km. 208+400
Km. 208+480
Km. 209+700
Km. 209+750
Km. 210+000
Km. 210+250
Km. 211+500 (existent)
Km. 210+500
Km. 211+750 (existent)
Km. 212+000 (existent)

Macaz circulat Running points	Macaz de acoperire Protective points	Sectiune fara gabarit Non gauge section
+2	+4	
+4	+2	
+6	+10	
+10	+6	
+8	+12	
+12	+8	
−8	+16	
−16	+8	
+14	+16	
+16	+14	
+18	+24	
+24	+18	
+22	+26	
+26	+22	
−26	+20	
+28	+30	
+30	+28	



S
Km.213+200(intrare tunel)
Km.213+320
Km.214+200
Km.214+450
Km.214+700
Km.215+850
Km. 216+100
Km.216+350
BL26
BL28
1/2
0,5
YR-4AD
YR-5AD
BL16
BL18
BL25
BL27
BL29
YRF-4AD
YRF-5AD
BL15
BL17
BL19
RACOS
TUNELE / TUNNELS
Km. 219+574 (existent)
BL24
BL26
BL28
BL210
XF
BL25
BL14
BL27
BL16
BL29
BL18
Pr.XF
BL110
AUGUSTIN
BL15
BL17
BL19
Pr.X
X
Km. 213+147 (existent)
Km. 213+397 (existent)
Km. 213+647 (existent)
Km. 214+861 (existent)
Km. 215+111 (existent)
Km. 215+361 (existent)
Km. 216+445 (existent)
Km. 216+695 (existent)
Km. 216+945 (existent)
Km. 217+990 (existent)
Km. 218+240 (existent)
Km. 218+490 (existent)

LEGENDA-SYMBOLS

SEMNAL DE CIRCULATIE PE CATARG
MAIN SIGNAL ON MAST

SEMNAL BLA DE TRECERE PE CONSOLA
ABL SIGNAL ON BRACKET

SEMNAL REPETITOR
REPEATER SIGNAL

FOC GALBEN, VERDE, ROSU, ALB, ALBASTRU, INDICATOR CIRCULATIE PE STANGA
YELLOW, GREEN, RED, WITHE, BLUE, TRAFFIC ON LEFT INDICATOR LAMP

INDICATOR CIRCULATIE PE STANGA SI INDICATOR DE DIRECTIE
TRAFFIC ON LEFT INDICATOR AND DIRECTION INDICATOR LAMP

INDICATOARE DE VITEZA
SPEED AND PRESPEED INDICATORS

TRECERE LA NIVEL
LEVEL CROSSING (LC)

SEMNAL DE MANEVRA PITIC/PE CATARG
SHUNTING SIGNAL ON GROUND / MAST

SEMIBARIERA AUTOMATA CU SEMNAL RUTIER LA TN
LEVEL CROSSING HALFBARRIERS WITH ROAD SIGNAL

SEMNAL RUTIER LA TN
LEVEL CROSSING ROAD SIGNAL

OPRITOR
DEAD END

1/2 0,5
INDUCTOR INDUSI 500Hz SAU 1000/2000Hz
500Hz OR 1000/2000Hz INDUSI INDUCTOR

MARCA DE SIGURANTA
FOUL POINT

LINIE ELECTRIFICATA
ELECTRIFIED RAILWAY

SEMNAL BLA CU REPER DE AVARIE LA TN
ABL SIGNAL WITH FIX DAMAGE INDICATOR FOR LC

SEMNAL AVARIE LA TN
WARNING SIGNAL BY LC

MACAZ SIMPLU CENTRALIZAT
CENTRALIZED SINGLE POINT

MACAZ DUBLU CENTRALIZAT
CENTRALIZED DOUBLE POINT

MACAZ NECENTRALIZAT
UNCENTRALIZED POINT

SABOT DE DERAIERE
DERAILER

JOANTE IZOLANTE
INSULATED JOINTS

JOANTA IZOLANTA FARA GABARIT
GAUGELESS INSULATED JOINT

INDICATOR DE AMPLASARE SEMNAL PE STANGA
INDICATOR FOR LEFT SIGNAL

A
INDICATOR "ASTEAPTA"
INDICATOR "WAITING"

S
GRANITA INSTALATIEI DE CENTRALIZARE ELECTRONICA
ELECTRONIC INTERLOCKING BORDER

POD METALIC
BRIDGE

TMV TMV
REPER INCEPUT SECTIE DE CIRCULATIE CU TMV
REPER SFARSIT SECTIE DE CIRCULATIE CU TMV
INDICATOR FOR THE BEGINNING OF SECTION WITH MSL
INDICATOR FOR THE END OF SECTION WITH MSL

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 FINANȚAT 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
Aprobat Approved	ªef proiect Project manager	R. Liuzza	12.12.2011	
Aprobat Approved	Coordonator Secþiune 1 Section 1 Coordinator	C. Gambelli	12.12.2011	
Verificat Checked	Expert Cheie Key Expert	P. Amodio	12.12.2011	

SUBCONTRACTANT / SUBCONTRACTOR

AREX COMPANY

Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible	A. Stanciu - Dinulescu	12.12.2011	
Întocmit Elaborated	Proiectant Designer	ing. Topala Madalin	12.12.2011	

Reabilitarea liniei de cale ferata Braşov - Simeria, parte componentă a coridorului IV Pan European, pentru circulația 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
Schita statiei cu semnalizarea
Signaling sketch

Codificare / Codification System	Scara / Scale Fără / No scale	LOT / LOT	Nr. / No 01 / 01

EA51 01 C 09 UX SE 00 9 2 001 2

1470x297=0.44mp