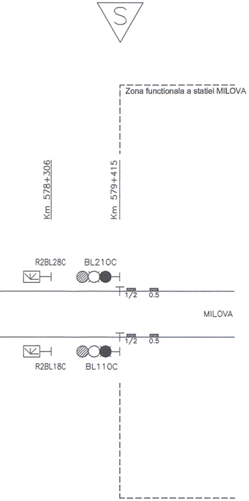
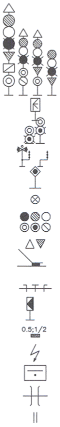

S
Zona functionala a statiei MILOVA
Km 578+306
Km 579+415
R2BL28C
BL210C
1/2
0.5
MILOVA
1/2
0.5
R2BL18C
BL110C

LEGENDA
LEGEND



- SEMNALE DE CIRCULATIE / MAIN SIGNALS
- SEMNALE REPETITOARE / REPEATER SIGNALS
- SEMNALE DE MANEVRA / SHUNTING SIGNALS
- SEMNALE AVERTIZARE RUTIERA CU SEMIBARIERA / ROAD TRAFFIC WARNING SIGNALS WITH HALF BARRIER
- SEMNAL DE AVARIE / DAMAGE SIGNAL
- OPRITOR / BUFFER STOP
- RED/YELLOW/GREEN/WITHE/BLUE/TRAFFIC ON LEFT INDICATOR LIGHT
- INDICATOARE DE VITEZA / SPEED INDICATORS
- MACAZ CENTRALIZAT / CENTRALIZED TURNOUT
- JOANTE IZOLANTE / INSULATING JOINTS
- INDICATOR "SEMNALUL ESTE PE PARTEA STANGA A CAII" / INDICATOR FOR LEFT SIDE SIGNAL
- INDUCTOR INDUSI 500HZ SAU 1000/2000HZ / 500HZ OR 1000HZ/2000HZ INDUSI INDUCTOR
- LINIE ELECTRIFICATA / ELECTRIFIED TRACK
- POST CENTRALIZARE / INTERLOCKING POST
- TRECERE LA NIVEL / LEVEL CROSSING
- MARCA DE SIGURANTA / FOUL POINT

Indice Index	Data Date	Descriere Description	Semnatura Signature	Semnatura Signature	Semnatura Signature	Semnatura Signature
Modificare / Revision	E					
	D					
	C					
	B					
	A					

European Investment Bank

MINISTERUL TRANSPORTURILOR

BENEFICIAR / BENEFICIARY :

COMPANIA NAȚIONALĂ DE CĂI FERATE "CFR" SA

PROIECTANT / DESIGNER: PÖYRY			Data / Date	Semnatura Signature
Aprobat Approved	Sef de echipa Team leader	C. Teodorescu	01.2013	
Verificat Checked	Expert Cheie Key Expert	R. Trommer	01.2013	
Subcontractant / Subcontractor: VIOTOP				
Aprobat Approved	Adjunct Sef de echipa Deputy Team leader	A.M. Baicu	01.2013	
Proiectat Designed	Inginer Engineer	A. Sopov	01.2013	

"Reabilitarea liniei c.f. Frontier ă - Curtici - Simeria , parte component ă a coridorului IV Pan - European pentru circula ţia trenurilor cu vitez ă maximă de 160 km/h"
Tronsonul 2-B : cap Y Bârzava - cap Y Ilteu
"Rehabilitation of the Railway Line Border - Curtici - Simeria , component Part of the IV Pan - European Corridor for the Trains Circulation with maximum speed of 160 km/h"
Section 2-B : end Y Bârzava - end Y Ilteu

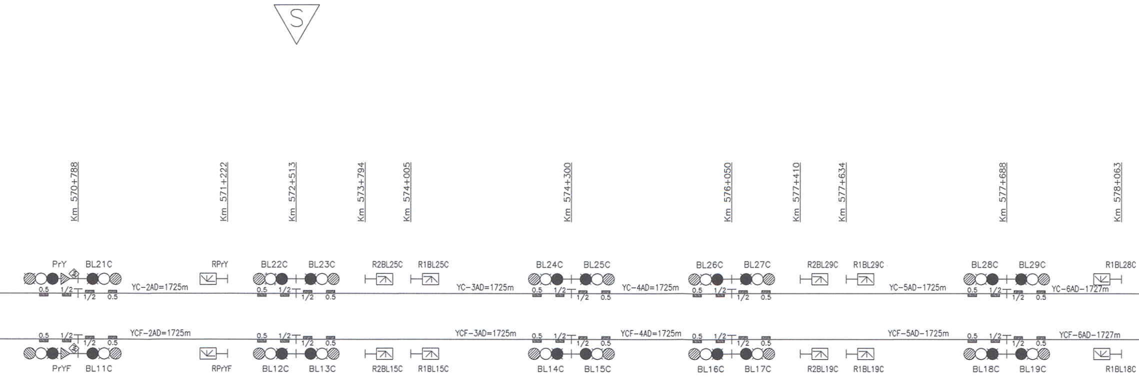
Project 9i
35311.1

Faza / Phase:
PTh +CS / TD + TS

Denumire desen / Drawing Title :

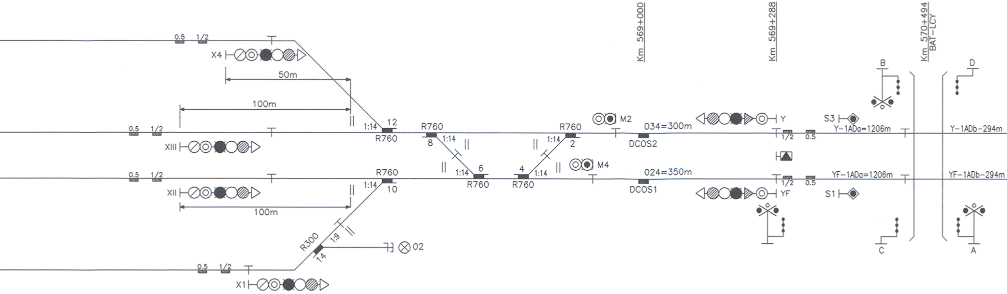
Schiţa cu semnalizarea - Sta ţia BÂRZAVA /
BARZAVA Station - Signalling sketch drawing

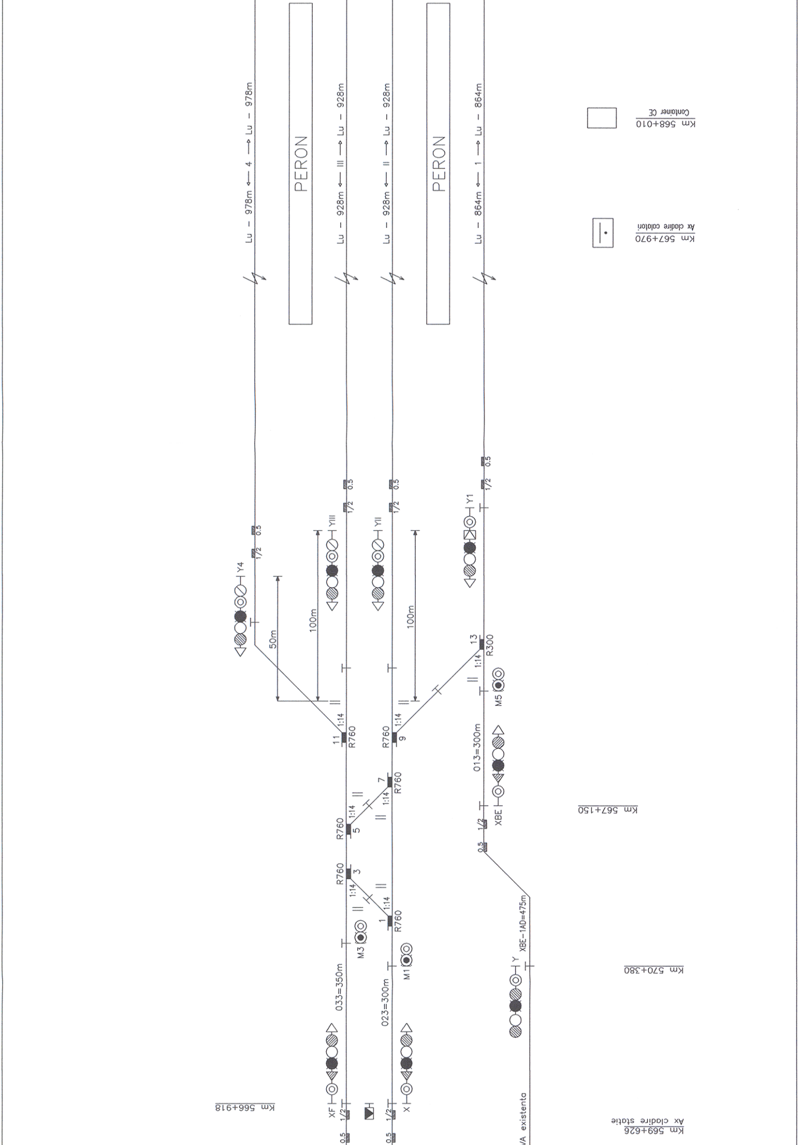
Scara / Scale	Revizia / Revision	Cod desen / Drawing Code	Nr / No
-	1/16.05.2013	PT.02.05.10.SM.001	01/01

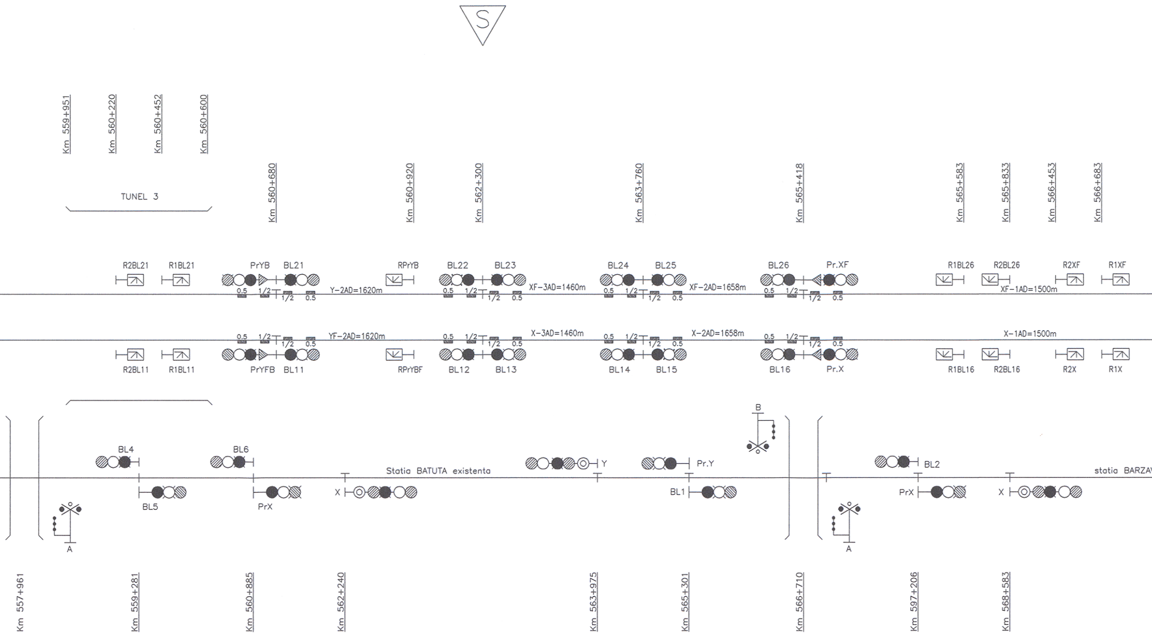

S
Km 570+788
Km 571+222
Km 572+513
Km 573+794
Km 574+005
Km 574+300
Km 576+050
Km 577+410
Km 577+634
Km 577+688
Km 578+063
PrY
BL21C
RPrY
BL22C
BL23C
R2BL25C
R1BL25C
BL24C
BL25C
BL26C
BL27C
R2BL29C
R1BL29C
BL28C
BL29C
R1BL28C
0.5
1/2
YC-2AD=1725m
YC-3AD=1725m
YC-4AD=1725m
YC-5AD-1725m
YC-6AD-1727m
YCF-2AD=1725m
YCF-3AD=1725m
YCF-4AD=1725m
YCF-5AD-1725m
YCF-6AD-1727m
PrYF
BL11C
RPrYF
BL12C
BL13C
R2BL15C
R1BL15C
BL14C
BL15C
BL16C
BL17C
R2BL19C
R1BL19C
BL18C
BL19C
R1BL18C

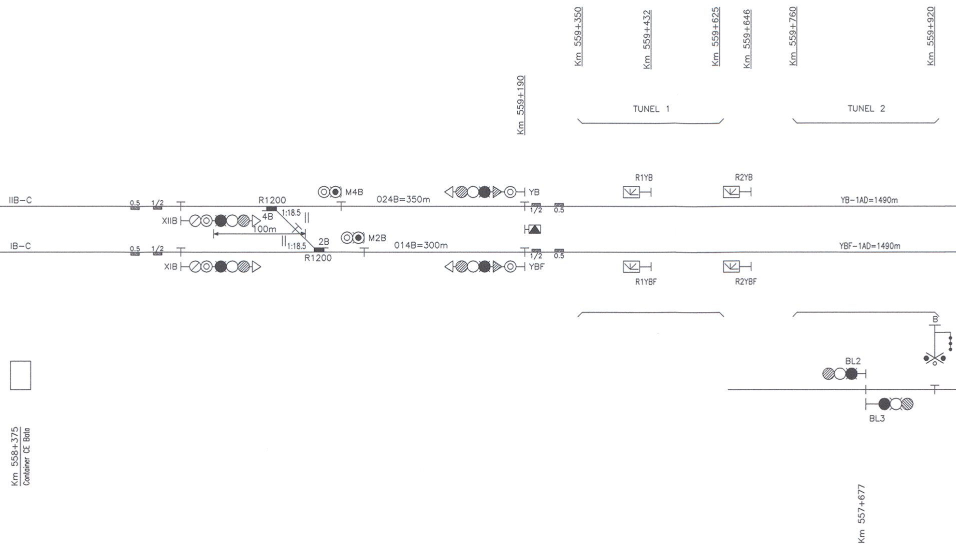
Point in route	Flank protection point	Locked point for simultaneous routes	No clearance insulated joint
Macaz circulat	Macazuri de acoperire	Macazuri blocate pentru compatibilitati	Joante fara gabarit
+2	+4		
+4	+2		
+6	+8		
−6	+14	+10	
+8	+6		

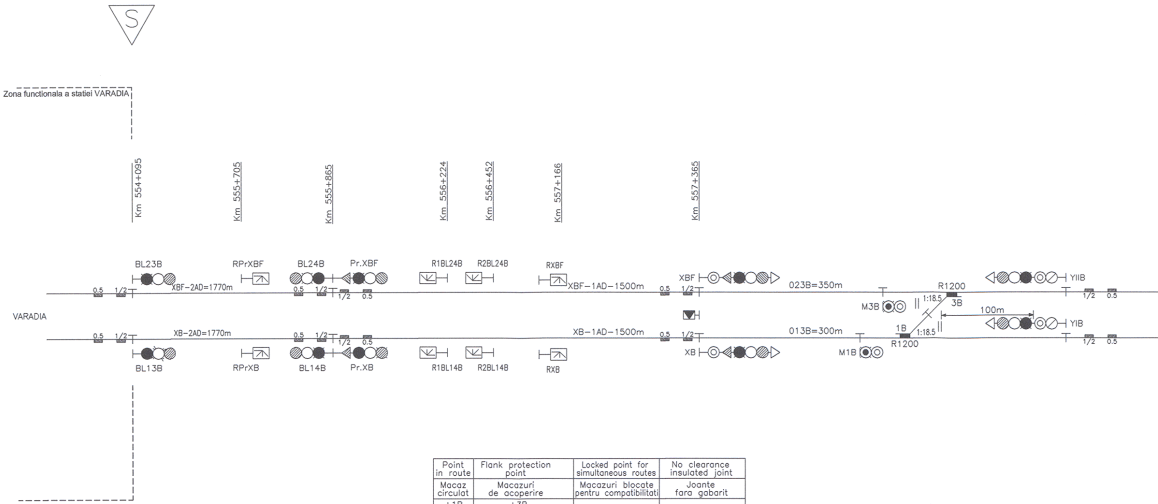
Km 576+158
Container CE Conop


Km 569+000
Km 569+288
Km 570+494
BAT-LCY
B
D
X4
0.5
1/2
50m
100m
12
1:14
R760
R760
8
1:14
6
R760
4
1:14
R760
2
1:14
R760
M2
M4
034=300m
DCOS2
024=350m
DCOS1
Y
YF
S3
S1
1/2
0.5
Y-1ADa=1206m
Y-1ADb-294m
YF-1ADa=1206m
YF-1ADb-294m
XIII
XII
0.5
1/2
0.5
1/2
R760
1:14
10
100m
R300
1:9
14
02
0.5
1/2
X1
C
A


Lu - 978m ⟵ 4 ⟶ Lu - 978m
PERON
Lu - 928m ⟵ III ⟶ Lu - 928m
Lu - 928m ⟵ II ⟶ Lu - 928m
PERON
Lu - 864m ⟵ 1 ⟶ Lu - 864m
Km 568+010
Container CE
Km 567+970
Ax cladire calatori
Km 567+150
Km 570+380
Km 566+918
Km 569+626
Ax cladire statie
Y4
YIII
YII
Y1
Y
XF
X
XBE
M1
M3
M5
50m
100m
100m
R760
R760
R760
R760
R760
R760
R300
1
3
5
7
9
11
13
1:14
1/2
0.5
033=350m
023=300m
013=300m
XBE-1AD=475m
VA existenta


S
Km 559+951
Km 560+220
Km 560+452
Km 560+600
TUNEL 3
Km 560+680
Km 560+920
Km 562+300
Km 563+760
Km 565+418
Km 565+583
Km 565+833
Km 566+453
Km 566+683
R2BL21
R1BL21
PrYB
BL21
RPrYB
BL22
BL23
BL24
BL25
BL26
Pr.XF
R1BL26
R2BL26
R2XF
R1XF
0.5
1/2
1/2
0.5
Y-2AD=1620m
XF-3AD=1460m
XF-2AD=1658m
XF-1AD=1500m
YF-2AD=1620m
X-3AD=1460m
X-2AD=1658m
X-1AD=1500m
R2BL11
R1BL11
PrYFB
BL11
RPrYBF
BL12
BL13
BL14
BL15
BL16
Pr.X
R1BL16
R2BL16
R2X
R1X
B
BL4
BL6
Statia BATUTA existenta
Y
Pr.Y
BL2
statia BARZA
BL5
PrX
X
BL1
PrX
X
A
A
Km 557+961
Km 559+281
Km 560+885
Km 562+240
Km 563+975
Km 565+301
Km 566+710
Km 597+206
Km 568+583


Km 559+350
Km 559+432
Km 559+625
Km 559+646
Km 559+760
Km 559+920
Km 559+190
TUNEL 1
TUNEL 2
R1YB
R2YB
M4B
024B=350m
YB
IIB-C
0.5
1/2
R1200
XIIB
4B
1:18.5
100m
1:18.5
2B
M2B
014B=300m
YB-1AD=1490m
IB-C
0.5
1/2
R1200
1/2
0.5
1/2
0.5
XIB
YBF
YBF-1AD=1490m
R1YBF
R2YBF
B
BL2
BL3
Km 558+375
Container CE Bata
Km 557+677


S
Zona functionala a statiei VARADIA
Km 554+095
Km 555+705
Km 555+865
Km 556+224
Km 556+452
Km 557+166
Km 557+365
VARADIA
BL23B
RPrXBF
BL24B
Pr.XBF
R1BL24B
R2BL24B
RXBF
XBF
YIIB
XBF-2AD=1770m
XBF-1AD-1500m
023B=350m
R1200
1:18.5
3B
M3B
100m
XB-2AD=1770m
XB-1AD-1500m
013B=300m
1B
1:18.5
R1200
M1B
YIB
XB
BL13B
RPrXB
BL14B
Pr.XB
R1BL14B
R2BL14B
RXB
0.5
1/2

Point in route	Flank protection point	Locked point for simultaneous routes	No clearance insulated joint
Macaz circulat	Macazuri de acoperire	Macazuri blocate pentru compatibilitati	Joante fara gabarit
+1B	+3B		
+3B	+1B		
+2B	+4B		
+4B	+2B		
+1	+3		
−1	+13	+9	
+3	+1		
+5	+7		
+7	+5		
+9	+13		
+13	+9		