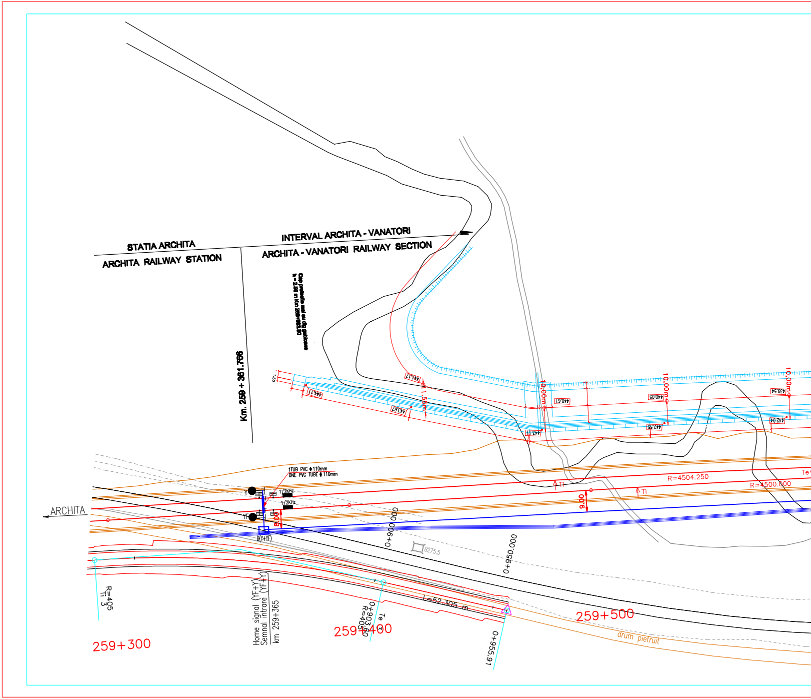
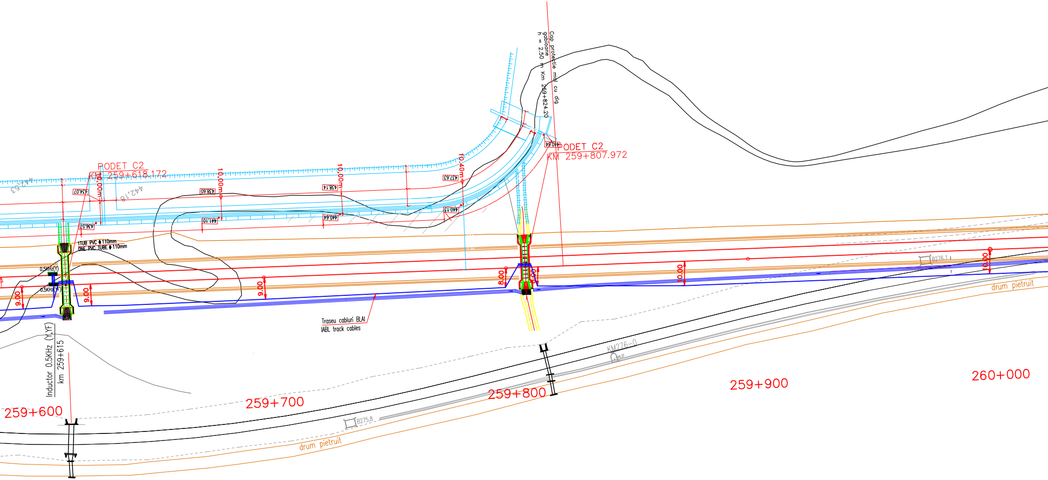
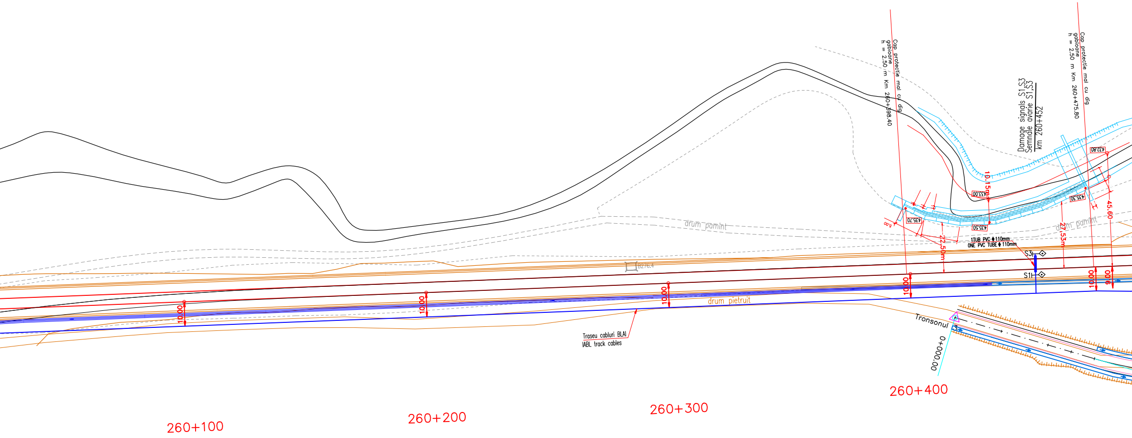
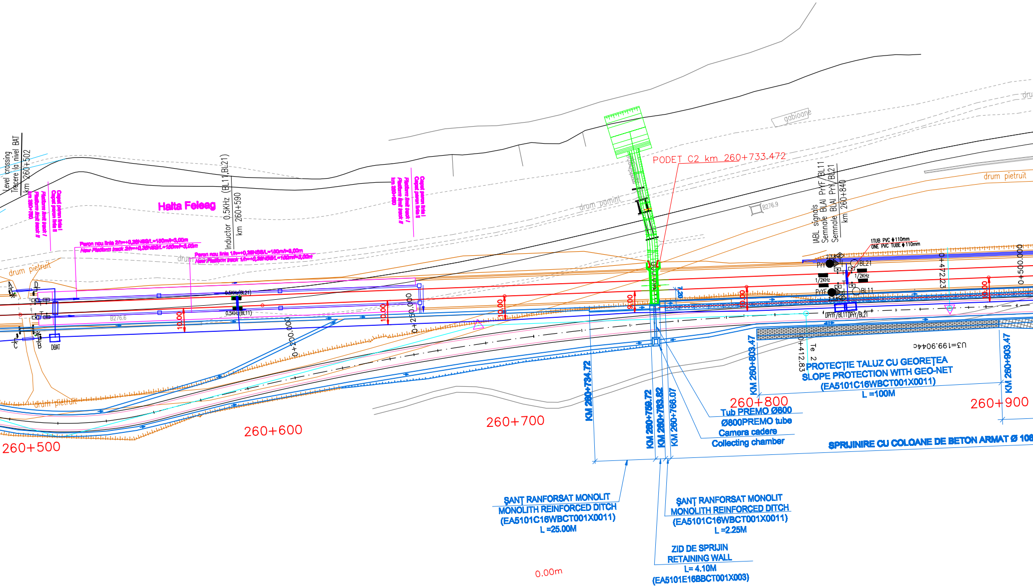
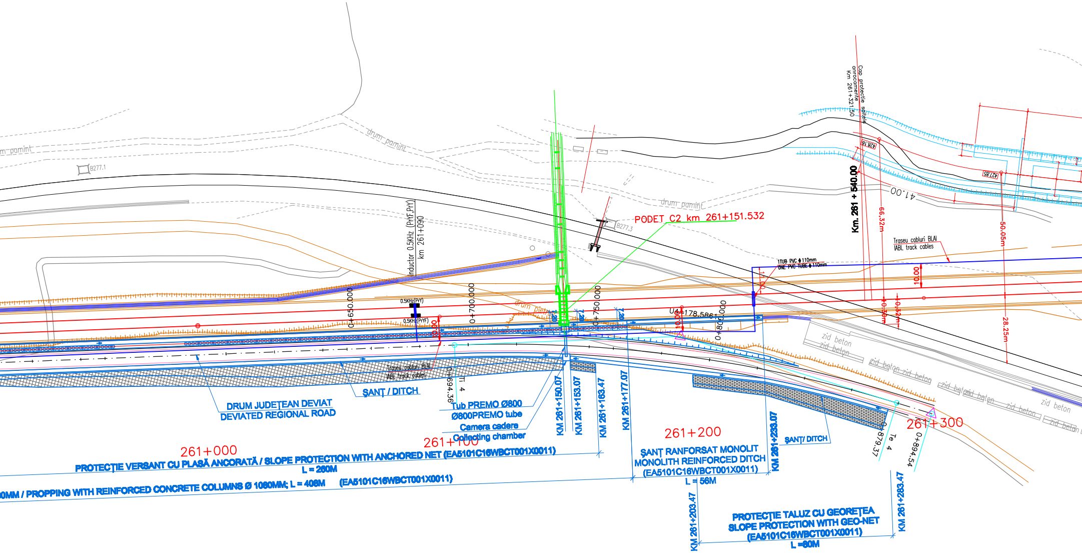
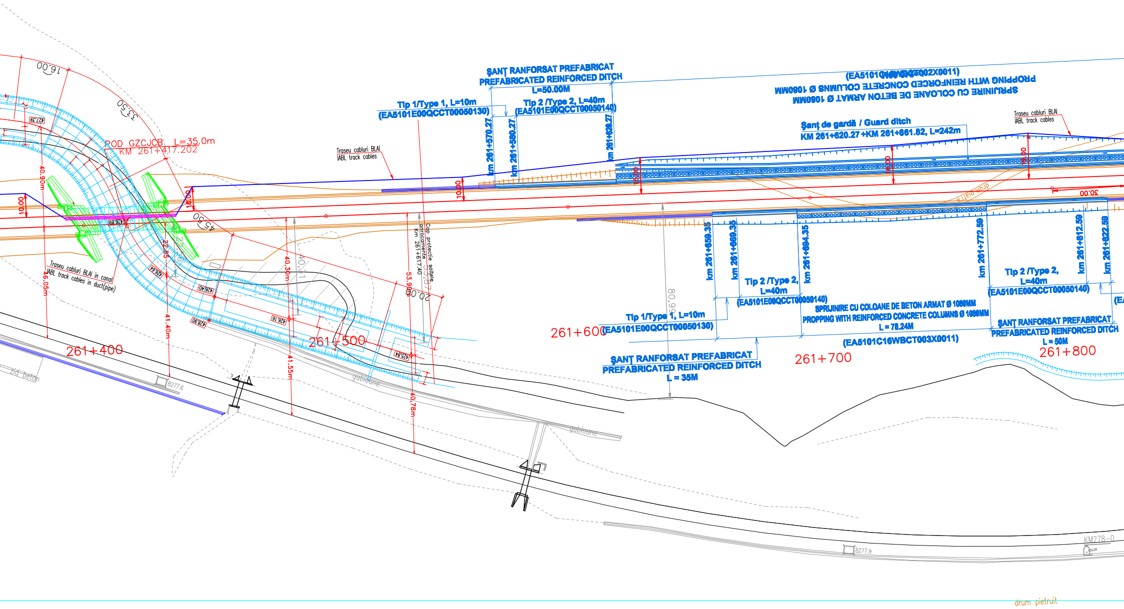

STATIA ARCHITA
ARCHITA RAILWAY STATION
INTERVAL ARCHITA - VANATORI
ARCHITA - VANATORI RAILWAY SECTION
Cap protectie mal cu dig gabioane
h = 2.50 m Km 259+383.50
Km. 259 + 361.766
1TUB PVC ϕ 110mm
ONE PVC TUBE ϕ 110mm
Y
YF
1/2KHz
1/2KHz
8.00
D(Y+YF)
ARCHITA
1.50
441.11
443.67
441.17
1.55m
10.00m
440.61
443.11
10.00m
440.05
442.55
10.00m
439.54
442.04
R=4504.250
R=4500.000
Te
Ti
Ti
9.00
0+900.000
0+950.000
B275.5
R=405
Ti 3
Home signal (YF+Y)
Semnal intrare (YF+Y)
km 259+365
0+903.60
R=405.0
Te
L=52.305 m
0+955.91
259+300
259+400
259+500
drum pietruit

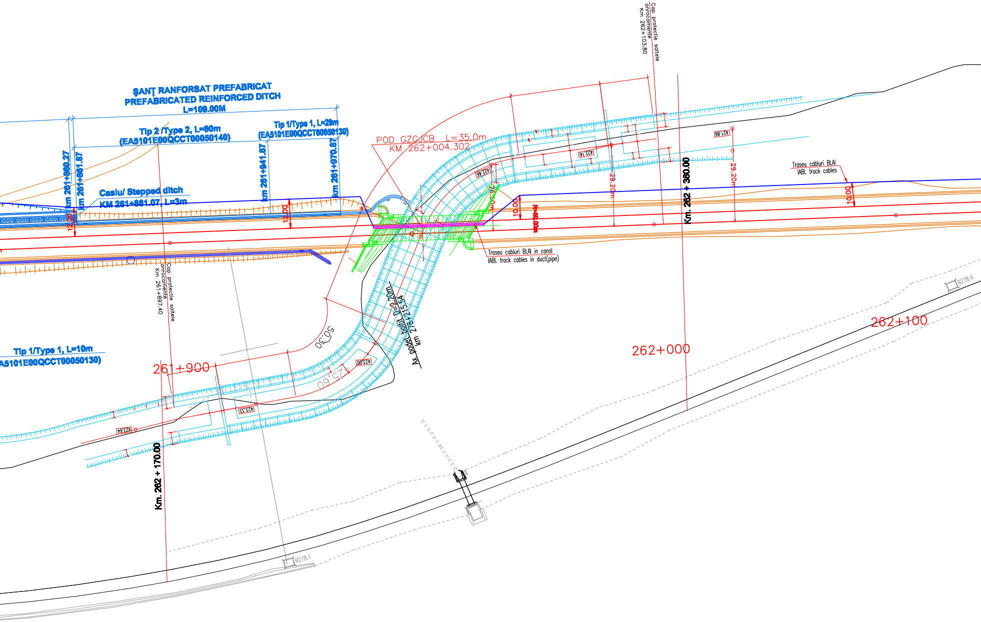

PODET C2
KM 259+618.172
442,53
442,18
434,07
436,57
438,60
441,10
10,00m
10,00m
438,14
440,64
10.40m
437,63
440,13
1TUB PVC ϕ 110mm
ONE PVC TUBE ϕ 110mm
0.5KHz(Y)
0.5KHz(YF)
9.00
9.00
9.00
Inductor 0.5KHz (Y,YF)
km 259+615
Cap protectie mal cu dig
gabioane
h = 2.50 m Km 259+824.20
PODET C2
KM 259+807.972
440,64
8.00
10.00
10.00
Traseu cabluri BLAJ
IABL track cables
B275.8
B276.1
KM276-0
drum pietruit
drum pietruit
259+600
259+700
259+800
259+900
260+000

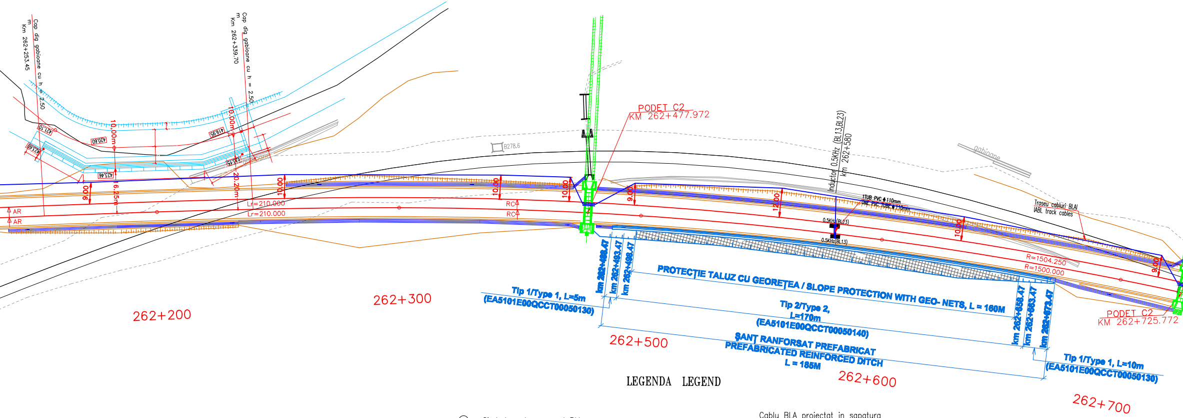

Cap protectie mal cu dig
gabioane
h = 2.50 m Km 260+398.40
Cap protectie mal cu dig
gabioane
h = 2.50 m Km 260+475.80
Damage signals S1,S3
Semnale avarie S1,S3
km 260+452
432.80
433.00
435.30
435.70
435.50
5.00
10.15m
22.50m
27.53m
45.60
drum pamint
drum pamint
1TUB PVC ϕ 110mm
ONE PVC TUBE ϕ 110mm
S3
S1
10.00
10.00
10.00
10.00
10.00
10.00
9.00
B276.4
drum pietruit
Traseu cabluri BLAI
IABL track cables
Tronsonul 3
0+000.00
260+100
260+200
260+300
260+400


Level crossing
Trecere la nivel BAT
km 260+502
Capat peron linia I
Capat peron linia II
Platform limit track I
Platform limit track II
Halta Feleag
Inductor 0.5KHz (BL11,BL21)
km 260+590
Paron nou linia 2/h=+0,35NSS/L=150m/l=3,00m
New Platform track 2/h=+0,35NSS/L=150m/l=3,00m
Paron nou linia 1/h=+0,35NSS/L=150m/l=3,00m
New Platform track 1/h=+0,35NSS/L=150m/l=3,00m
drum pietruit
drum pamint
drum
0.5KHz(BL21)
0.5KHz(BL11)
B276.6
A
D
C
B
DBAT
10.00
0+200.000
0+250.000
gabioane
PODET C2 km 260+733.472
B276.9
IABL signals
Semnale BLAI PrYF/BL11
Semnale BLAI PrY/BL21
km 260+840
1TUB PVC ϕ110mm
ONE PVC TUBE ϕ110mm
PrY
PrYF
BL21
BL11
1/2KHz
2,3,6
DPrYF/BL11
DPrY/BL21
0+472.23
0+500.000
0+412.83
Te 2
U3=199.9044c
9.00
1.20
KM 260+734.72
KM 260+759.72
KM 260+763.62
KM 260+766.07
KM 260+803.47
PROTECȚIE TALUZ CU GEOREȚEA
SLOPE PROTECTION WITH GEO-NET
(EA5101C16WBCT001X0011)
L =100M
Tub PREMO Ø800
Ø800PREMO tube
Camera cadere
Collecting chamber
SPRIJINIRE CU COLOANE DE BETON ARMAT Ø 10
260+500
260+600
260+700
260+800
260+900
ȘANȚ RANFORSAT MONOLIT
MONOLITH REINFORCED DITCH
(EA5101C16WBCT001X0011)
L =25.00M
ȘANȚ RANFORSAT MONOLIT
MONOLITH REINFORCED DITCH
(EA5101C16WBCT001X0011)
L =2.25M
ZID DE SPRIJIN
RETAINING WALL
L= 4.10M
(EA5101E16BBCT001X003)
0.00m


drum pamint
B277.1
drum pamint
drum pamint
B277.3
PODET C2 km 261+151.532
Inductor 0.5KHz (PrYF,PrY)
km 261+090
0.5KHz(PrY)
0.5KHz(PrYF)
0+650.000
0+700.000
0+750.000
0+800.000
drum pietruit
U4+178.5861
10.00
Cap protectie saltele anrocamente
Km 261+321.50
428.16
427.85
41.00
Km. 261 + 540.00
66,32m
50.05m
28.25m
10.30m
10.32m
Traseu cabluri BLAI
IABL track cables
1TUB PVC ϕ 110mm
ONE PVC TUBE ϕ 110mm
11.00
zid beton
zid beton
zid beton
zid beton
zid beton
zid beton
zid beton
zid beton
zid beton
Traseu cabluri BLAI
IABL track cables
0+694.36
Ti 4
ŞANŢ / DITCH
DRUM JUDEŢEAN DEVIAT
DEVIATED REGIONAL ROAD
Tub PREMO Ø800
Ø800PREMO tube
Camera cadere
Collecting chamber
KM 261+150.07
KM 261+153.07
KM 261+163.47
KM 261+177.07
261+000
261+100
261+200
261+300
PROTECŢIE VERSANT CU PLASĂ ANCORATĂ / SLOPE PROTECTION WITH ANCHORED NET (EA5101C16WBCT001X0011)
L = 260M
0MM / PROPPING WITH REINFORCED CONCRETE COLUMNS Ø 1080MM; L = 408M (EA5101C16WBCT001X0011)
ŞANŢ RANFORSAT MONOLIT
MONOLITH REINFORCED DITCH
(EA5101C16WBCT001X0011)
L = 56M
KM 261+233.07
ŞANŢ/ DITCH
0+879.37
Te 4
0+894.54
KM 261+203.47
KM 261+283.47
PROTECŢIE TALUZ CU GEOREŢEA
SLOPE PROTECTION WITH GEO-NET
(EA5101C16WBCT001X0011)
L =80M


ŞANŢ RANFORSAT PREFABRICAT
PREFABRICATED REINFORCED DITCH
L=50.00M
Tip 1/Type 1, L=10m
(EA5101E00QCCT00050130)
Tip 2 /Type 2, L=40m
(EA5101E00QCCT00050140)
km 261+570.27
km 261+580.27
km 261+620.27
PROPPING WITH REINFORCED CONCRETE COLUMNS Ø 1080MM
SPRIJINIRE CU COLOANE DE BETON ARMAT Ø 1080MM
Şanţ de gardă / Guard ditch
KM 261+620.27 +KM 261+861.82, L=242m
Traseu cabluri BLAI
IABL track cables
16.00
33.50
427.39
POD GZCJCB L=35.0m
KM 261+417.202
Traseu cabluri BLAI
IABL track cables
40.90m
10.00
10.00
426.89
45.50
22.55
426.64
Traseu cabluri BLAI in canal
IABL track cables in duct(pipe)
46.05m
41.40m
426.40
428.90
40.30m
40,31
426.16
41.55m
261+400
zid beton
B277.6
261+500
Cap protectie saltele anrocamente Km 261+617.40
53.90m
20.00
425.84
40,78m
gabioane
10.00
15.00
16.00
19.00
30.00
drum piatra
80,99
km 261+659.35
km 261+669.35
km 261+694.35
km 261+772.59
km 261+812.59
km 261+822.59
Tip 2 /Type 2,
L=40m
(EA5101E00QCCT00050140)
Tip 1/Type 1, L=10m
(EA5101E00QCCT00050130)
SPRIJINIRE CU COLOANE DE BETON ARMAT Ø 1080MM
PROPPING WITH REINFORCED CONCRETE COLUMNS Ø 1080MM
L = 78.24M
(EA5101C16WBCT003X0011)
Tip 2 /Type 2,
L=40m
(EA5101E00QCCT00050140)
ŞANŢ RANFORSAT PREFABRICAT
PREFABRICATED REINFORCED DITCH
L = 50M
261+600
ŞANŢ RANFORSAT PREFABRICAT
PREFABRICATED REINFORCED DITCH
L = 35M
261+700
261+800
gabioane
B277.9
KM278-0
drum pietruit


ŞANŢ RANFORSAT PREFABRICAT
PREFABRICATED REINFORCED DITCH
L=109.00M
Tip 2 /Type 2, L=80m
(EA5101E00QCCT00050140)
Tip 1/Type 1, L=29m
(EA5101E00QCCT00050130)
km 261+860.27
km 261+861.87
km 261+941.87
km 261+970.87
Casiu/ Stepped ditch
KM 261+861.07, L=3m
12.00
12.00
POD GZCJCB L=35.0m
KM 262+004.302
422.46
26.50m
10.00
R=50.00m
Traseu cabluri BLAI in canal
IABL track cables in duct(pipe)
Cap protectie saltele anrocamente
Km 262+103.80
422.16
421.86
29.20m
29.20m
Km. 262 + 380.00
Traseu cabluri BLAI
IABL track cables
10.00
Cap protectie saltele anrocamente
Km 261+897.40
Tip 1/Type 1, L=10m
(EA5101E00QCCT00050130)
50.30
Ax podet boltit D=2.20m
km 278+215.54
423.00
425.60
261+900
423.33
423.64
Km. 262 + 170.00
262+000
262+100
B278.4
B278.1


Cap dig gabioane cu h = 2.50 m
Km 262+253.45
Cap dig gabioane cu h = 2.50 m
Km 262+339.70
421.10
423.60
420.60
423.46
419.95
423.15
10.00m
10.00m
9.00
16.25m
20.20m
10.00
10.00
10.00
9.00
12.00
10.00
9.00
AR
AR
Lr=210.000
Lr=210.000
RC
RC
B278.6
PODET C2
KM 262+477.972
Inductor 0.5KHz (BL13,BL23)
km 262+580
1TUB PVC ϕ 110mm
ONE PVC TUBE ϕ 110mm
0.5KHz(BL23)
0.5KHz(BL13)
gabioane
Traseu cabluri BLAI
/ABL track cables
R=1504.250
R=1500.000
PODET C2
KM 262+725.772
km 262+488.47
km 262+493.47
km 262+498.47
PROTECȚIE TALUZ CU GEOREȚEA / SLOPE PROTECTION WITH GEO- NETS, L = 160M
Tip 1/Type 1, L=5m
(EA5101E00QCCT00050130)
Tip 2/Type 2,
L=170m
(EA5101E00QCCT00050140)
ȘANȚ RANFORSAT PREFABRICAT
PREFABRICATED REINFORCED DITCH
L = 185M
km 262+658.47
km 262+663.47
km 262+673.47
Tip 1/Type 1, L=10m
(EA5101E00QCCT00050130)
262+200
262+300
262+500
262+600
262+700

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

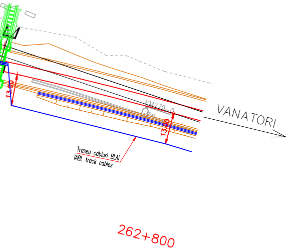
Cablu BLA proiectat in canal
Projected ABL cable in duct

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


13.00
13.00
KM279+0
VANATORI
Traseu cabluri BLAI
IABL track cables
262+800

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

CLIENT / CLIENT

CFR

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 Secţiune 1 Section 1 Coordinator	C. Gambelli	12.2011	
Verificat Checked	Expert Cheie Key Expert	P. Amodio	12.2011	

SUBCONTRACTANT / SUBCONTRACTOR

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 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 :

Staţia / Station Archita
Plan de situaţie - Interval Archita-Vanători
Layout - Archita-Vanători Section
Instalaţii BLAI / IABL Installations
km 259+300 - km 262+800

Codificare / Codification System	Scara / Scale 1:1000	LOT / LOT	Nr. / No 01 / 02

E A 5 1 | 0 1 | C | 1 6 | L 7 | S E | 0 1 | 6 | 2 | 0 0 2 | 1

(3850x297)