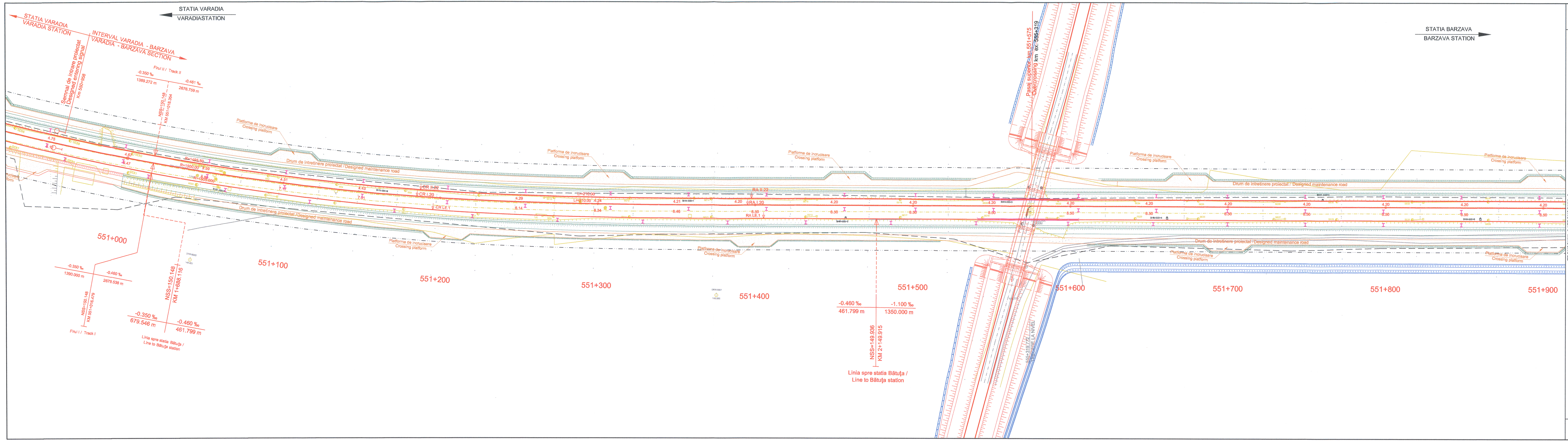
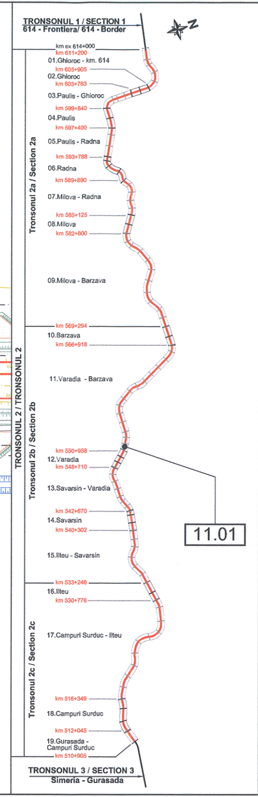

STATIA VARADIA
VARADIASTATION
STATIA VARADIA
VARADIA STATION
INTERVAL VARADIA - BARZAVA
VARADIA - BARZAVA SECTION
Semnal de intrare proiectat
Designed entering signal
Km 550+958
Firul II / Track II
-0.350 ‰
1389.272 m
-0.461 ‰
2676.759 m
NSS=150.148
KM 551+018.354
Platforma de incrucisare
Crossing platform
Drum de intretinere proiectat / Designed maintenance road
R=1495.80
R=1500.00
R=1505.000
CR II.22
CR I.20
RA II.22
RA I.20
RA LE.1
4.20
8.50
551+000
551+100
551+200
551+300
551+400
551+500
551+600
551+700
551+800
551+900
-0.350 ‰
1390.000 m
-0.460 ‰
2679.538 m
NSS=150.148
KM 551+016.479
Firul I / Track I
-0.350 ‰
679.546 m
-0.460 ‰
461.799 m
NSS=150.148
KM 1+688.116
Linia spre statia Bătuţa /
Line to Bătuţa station
-0.460 ‰
461.799 m
-1.100 ‰
1350.000 m
NSS=149.936
KM 2+149.915
Linia spre statia Bătuţa /
Line to Bătuţa station
Pasaj superior km 551+575
Overcrossing km ex. 555+319
555+319.772
STATIA BARZAVA
BARZAVA STATION


TRONSONUL 1 / SECTION 1
614 - Frontiera/ 614 - Border
km ex 614+000
km 611+200
01.Ghioroc - km. 614
km 605+905
02.Ghioroc
km 603+763
03.Paulis - Ghioroc
km 599+840
04.Paulis
km 597+400
05.Paulis - Radna
km 593+788
06.Radna
km 589+890
07.Milova - Radna
km 585+125
08.Milova
km 582+800
09.Milova - Barzava
km 569+294
10.Barzava
km 566+918
11.Varadia - Barzava
km 550+958
12.Varadia
km 548+710
13.Savarsin - Varadia
km 542+670
14.Savarsin
km 540+302
15.Ilteu - Savarsin
km 533+246
16.Ilteu
km 530+776
17.Campuri Surduc - Ilteu
km 516+349
18.Campuri Surduc
km 512+045
19.Gurasada - Campuri Surduc
km 510+905
TRONSONUL 3 / SECTION 3
Simeria - Gurasada
Tronsonul 2a / Section 2a
TRONSONUL 2 / TRONSONUL 2
Tronsonul 2b / Section 2b
Tronsonul 2c / Section 2c
11.01

LEGENDA / LEGEND

- Ax c.f. existent / Existing railway axis
- Ax c.f. desfiintat / Dismantled railway axis
- Aparat de cale existent / Existing turnout
- Aparat de cale desfiintat / Dismantled turnout
- Ax c.f. proiectat / Designed railway axis
- Aparat de cale proiectat / Designed turnout
- Aparat de compensare / Expansion device
- Dispozitiv de ridicat vagoane / Lifting device for derailed wagons
- S60 S49 Panou de racordare / Transition panel
- Joanta de compensare / Rail expansion joint
- Contrasine / Check rails
- Marca de siguranta / Fouling point
- 21N Dren longitudinal cu camin de vizitare / Longitudinal drain with inspection manhole
- ● Camin de separare lichide usoare / Light liquids separation manhole
- Teava metalica de protectie / Metal pipe protection
- Sant din beton / Concrete ditch
- ☒ Borne de retea / Benchmarks
- Drum de intretinere proiectat / Designed maintenance road
- Terasament proiectat / Designed embankment
- Protectie taluz cu anrocamente / Riprap slope protection
- I Stalp al liniei de contact / Designed contact line pole
- Zona CFR / CFR Zone
- Limita de siguranta / Safety limit

NSS	nivel superior sina top of rail
h	supraínaltarea caii, in mm superelevation, in mm
AR	aliniament-racordare, punctul de trecere din aliniament in curba progresiva tangent to spiral, transition point from tangent to spiral
RC	racordare-curba, punctul de trecere din curba progresiva in curba circulara spiral to curve, transition point from spiral to circular curve
CR	curba-racordare, punctul de trecere din curba circulara in curba progresiva curve to spiral, transition point from circular curve to spiral
RA	racordare-aliniament, punctul de trecere din curba progresiva in aliniament spiral to tangent, transition point from spiral curve to tangent
Ti	tangenta de intrare point of change from tangent to circular curve
Te	tangenta de iesire point of change from circular curve to tangent
TC	punct de tangenta comuna intre doua curbe circulare common tangent point between two circular curves
R	raza curbei circulare, in m radius of circular curve, in m
L	lungimea curbei progresive, in m length of spiral, in m
Rv	raza curbei de racordare in plan vertical, in m radius of vertical curve, in m
Bv	bisectoarea curbei de racordare in plan vertical, in m bisector of vertical curve, in m
Tv	tangenta curbei de racordare din plan vertical, in m tangent of vertical curve, in m

Acest plan anuleaza si inlocuieste planul nr PT.02.01.11.TS.101 - 01/15
elaborat la data 01.2013
This layout plan canceled and replaced layout plan no. PT.02.01.11.TS.101 - 01/15
prepared on 01.2013

SIMESCU C. CONSTANTIN
NR: 1107
CHIRICA C. ANTON
BAICU D. MARIN
Nr. 06628
NR. 05985

Verificator / Expert Checker / Expert	Cerinţa Requirement	Semnătura Signature	Referat / Expertiza Report / Expertise

European Investment Bank

MINISTERUL TRANSPORTURILOR

BENEFICIAR / BENEFICIARY :

COMPANIA NAŢIONALĂ DE CĂI FERATE "CFR" SA

PROIECTANT / DESIGNER: PÖYRY			Data Date	Semnătura Signature
Aprobat Approved	Şef de echipă Team leader	C. Teodorescu	01.2013	
Verificat Checked	Expert Cheie Key Expert	L. Mărculescu	01.2013	
Subcontractant / Subcontractor		VIOTOP		
Aprobat Approved	Adjunct Şef de echipă Deputy Team leader	A.M. Baicu	01.2013	
Proiectat Designed	Inginer Engineer	E. Gonea	01.2013	

"Reabilitarea liniei c.f. Frontieră - Curtici - Simeria, parte componentă a coridorului IV Pan - European pentru circulaţia trenurilor cu viteză 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 name:
Plan de situatie - Intervalul Varadia - Barzava;
Varadia - Barzava Section Layout Plan
km 551+ 000 - km 551 + 900

Scara / Scale	Revizia / Revision	Cod desen / Drawing Code	Nr / No
1:1000	1/16.05.2013	PT.02.01.11.SU.101	01/15