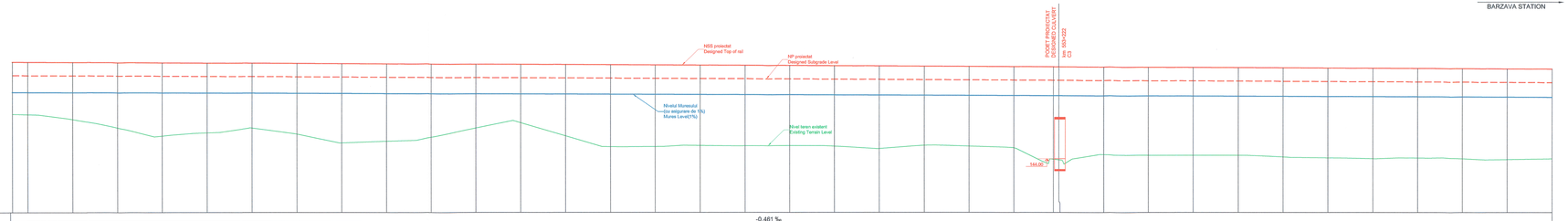
INTERVAL SAVAR
SAVARSIN - VARV

STATIA VARADIA
VARADIA STATION

STATIA BARZAVA
BARZAVA STATION



Profil longitudinal - Firul II
Longitudinal profile - Track II

141.0 m

Declivitati ‰ Lungimi (m)	Gradient ‰ Lengths (m)
Diferentele pe verticala (m) intre NSS proiectat si NSS existent	Vertical distances (m) between designed NSS and existing NSS
Nivel superior sina - linia proiectata (in curbe pe firul interior)	Top of Rail -designed line (in curves on inner rail)
Nivel platforma c.f. - linia proiectata	Subgrade level - designed line
Nivel superior sina existenta sau nivel teren existent	Existing Top of Rail or existing terrain level
Kilometraj	Chainage

552+700 552+800 552+900 553+000 553+100 553+200 553+300 553+400 553+500

Diagrama curburilor
Scara=1:1000 - S / R

Curvature diagram
Scara=1:1000 - S / R

Diagrama suprainaltarilor
M=1:1000 - 0.1 x h
sina din stanga
sina din dreapta

Superelevation diagram
M=1:1000 - 0.1 x h
left rail
right rail

LEGENDA / LEGEND

NSS nivel superior sina proiectat
designed top of rail
AR alinieri-racordare, punctul de trecere din alinieriment in curba parabolica
alignment-junction, transition point from alignment to parabolic curve
RC racordare-curba, punctul de trecere din curba de racordare parabolica in curba circulara
junction-curve, transition point from parabolic junction curve to round curve
CR curba-racordare, punctul de trecere din curba circulara in curba de racordare parabolica
curve-junction, transition point from round curve to parabolic junction curve
RA racordare-alinieriment, punctul de trecere din curba de racordare parabolica in alinieriment
junction-alignment, transition point from parabolic junction curve to tangent
Ti = tangenta de intrare
ingoing tangent
Te = tangenta de iesire
outgoing tangent
TC = tangenta comuna
common tangent
Rr = raza curbei de racordare circulare din plan vertical, in m
radius of round junction curve from vertical plan, in m
Cr = lungimea curbei de racordare circulare din plan vertical, in m
length of round junction curve from vertical plan, in m
Br = bisectoarea curbei de racordare din plan vertical, in m
bisector of junction curve from vertical plan, in m
Tr = tangenta comuna Rr
tangent of curve with radius Rr
CT = Cota fund tub dren / Pipe bottom of collecting pipeline
DN = = Diametru nominal tub de dren / Nominal diameter of collecting pipeline
Co = = Cota capac camin / Manhole top level
CTi = Cota fund tub dren intrare/
Pipe bottom of the collecting pipeline entering the manhole
CTo = Cota fund tub dren iesire/
Pipe bottom of the collecting pipeline exiting the manhole
Camin/Manhole
Camin cu schimbare de panta/Manhole with change of slope
Camin cu schimbare de diametru sau diametru si panta/
Manhole with change of DN or DN and slope
Camin/Manhole
Tub de transport / Transport pipe
Dren / Drain pipe
Fund sant de beton / Concrete dish bottom

Acest plan anuleaza si inlocuieste planul nr PT.02.01.11.TS.202 - 03/15
elaborat la data 01.2013
This layout plan canceled and replaced layout plan no.PT.02.01.11.TS.202- 03/15
prepared on 01.2013

			Nr. 06628
Verificator / Expert Checked / Expert	Cerinta Requirement	Semnatura Signature	Referat / Expertiza Report / Expertise

European Investment Bank

MINISTERUL TRANSPORTURILOR

BENEFICIAR / BENEFICIARY :

COMPANIA NATIONALA DE CĂI FERATE "CFR" SA

PROIECTANT / DESIGNER: PÖYRY			Data Date	Semnătura Signature
Aprobat Approved	Şef de echip.ă Team leader	C. Teodorescu	01.2013	
Verificat Checked	Expert Cheie Key Expert	L. Mărculescu	01.2013	

Subcontractant / Subcontractor: MOTOP

Aprobat Approved	Adjunct Şef de echip.ă Deputy Team leader	A.M. Baicu	01.2013	
Proiectat Designed	Inginer Engineer	E. Gonea	01.2013	

"Reabilitarea liniei c.f. Frontier ă - Curtici - Simeria, parte componentă a coridorului IV Pan - European pentru circula ţia 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:
Profil longitudinal Fir II - Intervalul Varadia - Barzava;
Varadia - Barzava Section Longitudinal Profile Track II
km 552 + 700 - km552+500

Scara / Scale 1:1000 1:100	Revizia / Revision 1/16.05.2013	Cod desen / Drawing Code PT.02.01.11.SU.202	Nr / No 03/ 15