STATIA VARADIA
VARADIA STATION

STATIA BARZAVA
BARZAVA STATION

KM = 564+846.633
NISS = 140.959

Conselidare teren de baza
Ground terrain consolidation
H = 4.00m

Inv. 995+000.00

Inv. 995+000.00

HSS proiectat
Designed Top of rail

NP proiectat
Designed Subgrade Level

Nivel teren existent
Existing Terrain Level

Nivel Mondial = 100 m deasupra Nr.Nul
Mundi Level=NN

DESIGNED CULVERT
FUTURE PROJECTS
C3

138.0 m

138.0 m

-1.339 %
1317.854 m

-1.339 %
1317.854 m

Declivitati ‰ Lungimi (m)	Gradient ‰ Lengths (m)
Diferente pe verticala (m) - linia existenta la proiectat si NSS existent	Vertical distances (m) between designed, NSS and existing rails
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	Kilometer position

Profil longitudinal - Firul I
Longitudinal profile -Track I

564+900 565+000 565+100 565+200 565+300 565+400 565+500 565+600 565+700 565+800 565+900 566+000

Diagrama curburilor
Scara=1:1000 - S / R

Curvature diagram
Scara=1:1000 - S / R

Diagrama suprainaltarilor
M=1:1000 - S ± h
sina din stanga
sina din dreapta

Superelevation diagram
M=1:1000 - S ± h
left rail
right rail

R = ∞
LA = 423.108m
h = 0

R = 2150.000
LA = 210.000 1.1615

R = 1000
LC = 1388.292m
h= up

LEGENDA / LEGEND

NISS nivel superior sina proiectat
Designed Top of Rail
AR alinament-racordare, punctul de trecere din alinament in curba parabolica
alignment-junction, transition point from alignment to parabolic curve
RA racordare-alinament, 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
junction-curve, transition point from round curve to parabolic junction curve
RA racordare-alinament, punctul de trecere din curba de racordare parabolica in alinament
junction-alignment, transition point from parabolic junction curve to alignment
Ti tangenta de intrare
incoming tangent
Te tangenta de iesire
outgoing tangent
Tc tangenta comuna
common tangent
Rc raza curbei de racordare circulare din plan vertical, in m
radius of round junction curve from vertical plan, in m
Lc lungimea curbei de racordare circulare din plan vertical, in m
length of round junction curve from vertical plan, in m
Bc bisectoarea curbei de racordare din plan vertical, in m
bisector of junction curve from vertical plan, in m
Tc tangenta curbei circulare
tangent of round curve
CT = Cota fund tub chen / Pipe bottom of collecting pipeline
DN = Diametru nominal tub de chen / Nominal diameter of collecting pipeline
Co = Cote capac camin / Manhole top level
CTr = Cota fund tub chen intrare
Pipe bottom of the collecting pipeline entering the manhole
CTs = Cota fund tub chen 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 Dk or Dk and slope
Camin/Manhole
Tub de transport / Transport pipe
Drum / Drain pipe
Fund sant de beton / Concrete ditch bottom

Acest plan anuleaza si inlocuieste planul nr. PT.02.01.11.TS.201 - 14/15 elaborat la data 01.2013
This layout plan cancelled and replaced layout plan no. PT.02.01.11.TS.201 - 14/15 prepared on 01.2013

Verificator / Expert Checker / Expert	Cerinte Requirement	Semnătura Signature	Refferal / Expertize Report / Expertise

European Investment Bank

MINISTERUL TRANSPORTURILOR

BENEFICIAR / BENEFICIARY :
CFR
COMPANIA NATIONALA 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: MOTOP

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

"Reabilitarea liniei c.f. Frontiera - Curtici - Simeria, parte componentă a coridorului IV Pan - European pentru circulaţia pe trenuri/tur 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 circulation on trains/tour with maximum speed of 160 km/h"
Section 2-B : end Y Bârzava - end Y Ilteu

Project Nr 35311.1

Faza / Phase: PTh +CS / TD + TS

Denumire desen / Drawing name:
Profil longitudinal - Interval V.Bârdia - Bârzava -Firul I; Vârdia - Bârzava Section Longitudinal Profile -Track I
km 564+850 - km 566+100

Scara / Scale	Revizia / Revision	Cod desen / Drawing Code	Nr / No
1:1000 1:100	1/16.05.2013	PT.02.01.11.SU.201	14/15