STATIA VARADIA
VARADIA STATION

STATIA BARZAVA
BARZAVA STATION

Profil longitudinal - Firul I
Longitudinal profile -Track I

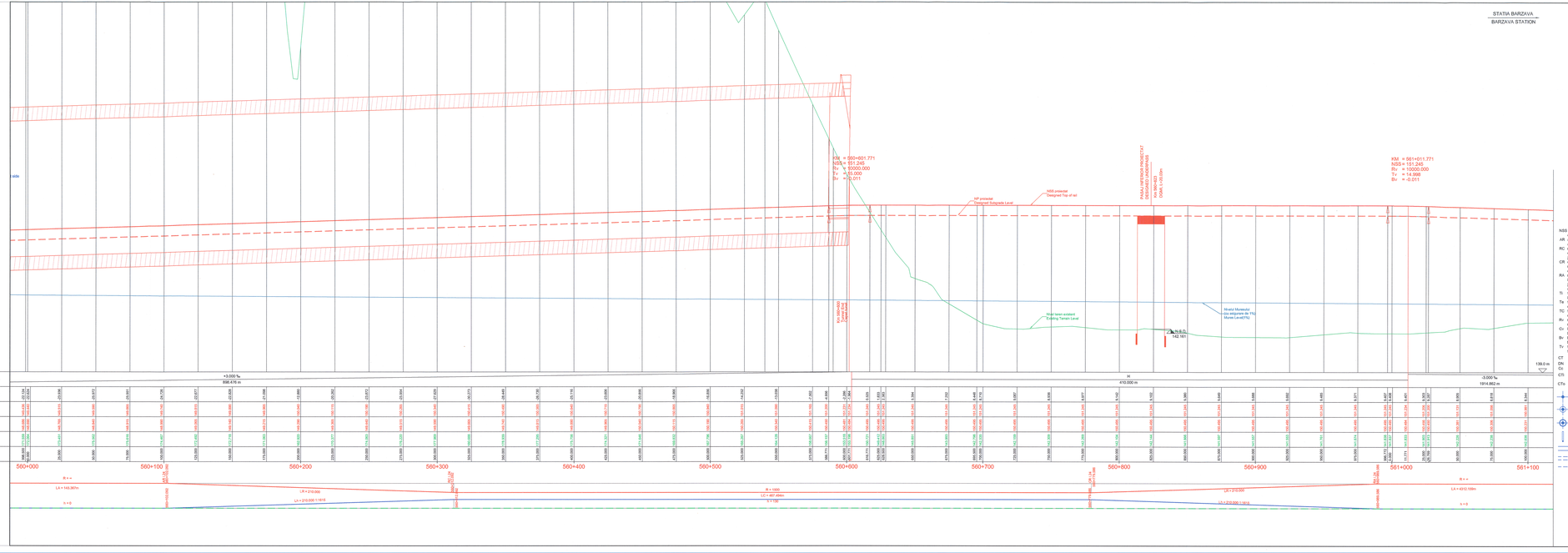
Declivitati ‰ Lungimi (m)	Gradient ‰ Lengths (m)
Diferente pe verticala (m) intre NSS proiectat si NSS existent	Vertical distances (m) between designed NSS and existing NSS
Nivel superior sina (in curbe pe firul interior)	Top of rail (in curves on inner rail)
Nivel platforma c.f. - linia proiectata	Subgrade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

Diagrama curburilor
Scara=1:1000 - 0 / R

Curvature diagram
Scale=1:1000 - 0 / R

Diagrama suprainaltarilor
Scara=1:1000 - 0 / ± h
sina din stanga
sina din dreapta

Superelevation diagram
Scale=1:1000 - 0 / ± h
left rail
right rail



LEGENDA / LEGEND

NSS nivel superior sina proiectat
designed top of rail
AR racordare-arc, punctul de trecere din alinament 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-alinament, punctul de trecere din curba de racordare parabolica in alinament
junction-alignment, transition point from parabolic junction curve to alignment
Ts tangenta de intrare
incoming tangent
Te tangenta de iesire
outgoing tangent
TC tangenta comuna
common tangent
Rv raza curbei de racordare circulare din plan vertical, in m
radius of round junction curve from vertical plan, in m
Cv lungimea curbei de racordare circulare din plan vertical, in m
length of round junction curve from vertical plan, in m
Bv bisectoarea curbei de racordare din plan vertical, in m
bisector of junction curve from vertical plan, in m
Tv tangenta curbei cu raza Rv
tangent of curve with radius Rv
CT = Cota fund tub dren / Pipe bottom of collecting pipeline
DN = Diametru nominal tub de dren / Nominal diameter of collecting pipeline
CS = Cota capac camin / Manhole top level
CTr = Cota fund tub dren intrare
Pipe bottom of the collecting pipeline entering the manhole
CTe = 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 ditch bottom

Acest plan anuleaza si inlocuieste planul nr. PT.02.01.11.TS.201 - 10/15
elaborat la data 01.2013
This layout plan canceled and replaced layout plan no. PT.02.01.11.TS.201 - 10/15
prepared on 01.2013

Verificator / Expert Checker / Expert	Control Recolement	Semnatura Signature	Nr. / No. 06628 Nr. / No. 0330 Nr. / No. 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 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 echipă Deputy Team leader	A.M. Balcu	01.2013
Proiectat Designed	Inginer Engineer	E. Gonea	01.2013

Project Nr 35311.1

"Reabilitarea liniei c.f. Frontiera România - Curtici - Simeria, parte componentă a coridorului IV Pan - European pentru circulaţia în tranzitare 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

Faza / Phase: PTh +CS / TD + TS

Denumire desen / Drawing name:
Profil longitudinal - Interval V.Ârşidia - Bârzava -Firul I;
Vârşidia - Bârzava Section Longitudinal Profile -Track I
km 560+000 - km 561+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	10/15