STATIA VARADIA
VARADIA STATION

STATIA BARZAVA
BARZAVA STATION

Profil longitudinal - Firul I
Longitudinal profile -Track I

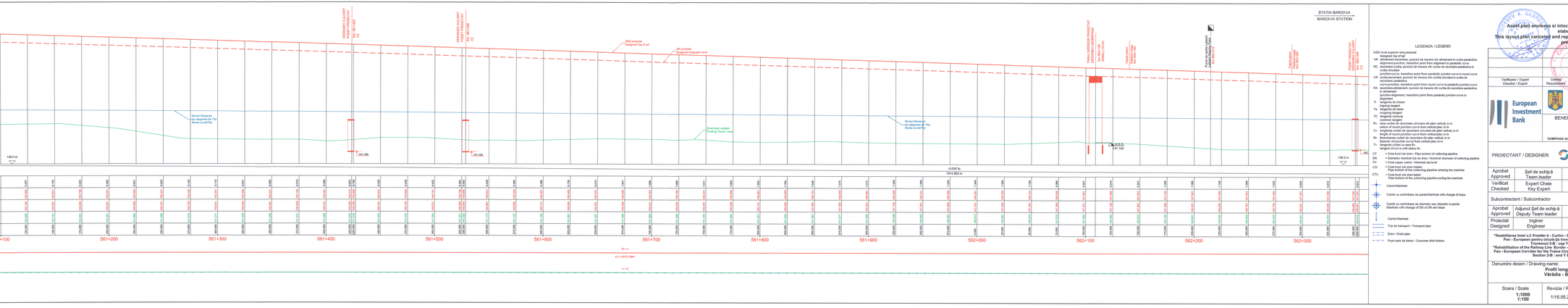
| Declivitati ‰<br>Lungimi (m) | Gradient ‰<br>Lengths (m) |
|---|---|
| Diferente pe verticala (m)<br>intre NSS proiectat<br>si NSS existent | Vertical distances (m)<br>between designed NSS<br>and existing NSS |
| Nivel terasament<br>- linia proiectata<br>(in curbe pe firul interior) | Subgrade level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

Diagrama curburilor
Scara=1:1000 - I; R

Curvature diagram
Scale=1:1000 - I; R

Diagrama supraelevatiilor
Id=1:1000 -S ŧ Ls
linia din stanga
linia din dreapta

Superelevation diagram
Id=1:1000 - S ŧ Ls
left rail
right rail




LEGENDA / LEGEND

NSS nivel superior sina proiectat
designed top of rail
AR racordare-aliniament, punctul de trecere din aliniament 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-aliniament, punctul de trecere din curba de racordare parabolica in aliniament
junction-alignment, transition point from parabolic junction curve to alignment
Ti tangenta de intrare
ingoing tangent
Te tangenta de iesire
outgoing tangent
TC tangenta curbei
circular curve
Rc 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 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
bisectrix of round curve from the vertical plan, in m
Tv tangenta curbei cu raza Rv
tangent of curve with radius Rv
CT = Cota luat sub drain / Pipe bottom of collecting pipeline
DN = Diametru nominal lub de drain / Nominal diameter of collecting pipeline
Cc = Cota capac camin / Manhole top level
CTi = Cota fund lub drain intrare
Pipe bottom of the collecting pipeline entering the manhole
CTs = Cota fund lub drain 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 - 11/15 elaborat la data 01.2013
This layout plan canceled and replaced layout plan no. PT.02.01.11.TS.201 - 11/15 prepared on 01.2013

| Verificator / Expert Checker / Expert | Consta Rezumatoare | Semnatura Signature | Raport / Expertiza Report / Expertise |
|---|---|---|---|
| | | | Nr. 06626 |

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 Chee Key Expert | L. Mărculescu | 01.2013 | |

Subcontractant / Subcontractor MIOTOP

| | | | | |
|---|---|---|---|---|
| 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. Frontiera S - Curtici - Simeria, parte componenta a coridorului IV Pan - European pentru circulaţia trenurilor cu viteză maximă de 160 km/h"
Tronsonul 2-8 : sap Y Bârzava - cap Y Ilteu
"Rehabilitation of the Railway Line Border - Curtici - Simeria , component Part of the IV Pan - European Corridor for the circulation of trains with maximum speed of 160 km/h"
Section 2-8 : end Y Bârzava - end Y Ilteu

Project ID 35311.1

Faza / Phase: PTh +CS / TD + TS

Denumire desen / Drawing name:
**Profil longitudinal - Intervал Vărădia - Bârzava -Firul I; Vărădia - Bârzava Section Longitudinal Profile -Track I**
**km 561+100 - km 562+300**

| Scara / Scale | Revizia / Revision | Cod desen / Drawing Code | Nr / No |
|---|---|---|---|
| 1:1000<br>1:100 | I/16.05.2013 | PT.02.01.11.SU.201 | 11/15 |